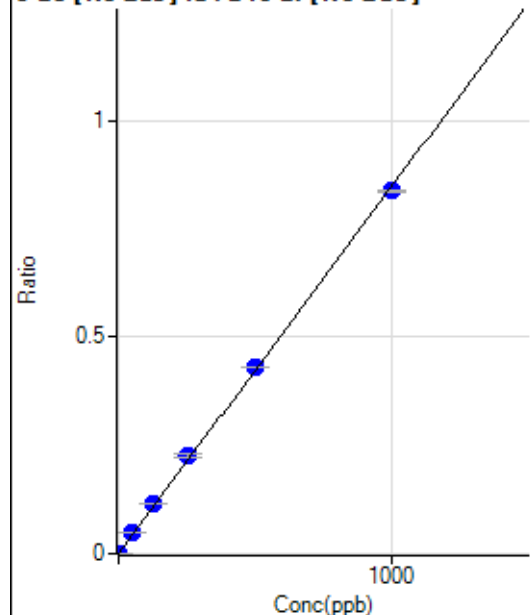


Batch Folder: D:\P8102717-MS.b\
Analysis File: P8102717-MS.batch.bin
DA Date-Time: 2017-10-27 16:45:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2017-10-27 11:04:34
2			
3	006CALS.d	S02	2017-10-27 11:11:37
4	007CALS.d	S03	2017-10-27 11:15:08
5	008CALS.d	S04	2017-10-27 11:18:39
6	009CALS.d	S05	2017-10-27 11:22:06
7	010CALS.d	S06	2017-10-27 11:25:28
8	011CALS.d	S07	2017-10-27 11:28:46
9	012CALS.d	S08	2017-10-27 11:31:59

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.30	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	1.070	911.17	0.0010	P	4.5
4	☐	50.000	55.896	46295.36	0.0474	P	1.7
5	☐	125.000	136.912	116467.37	0.1160	P	0.4
6	☐	250.000	267.500	230501.49	0.2265	P	2.4
7	☐	500.000	510.280	454693.57	0.4321	P	0.1
8	☐	1000.000	988.702	883530.35	0.8371	P	0.6
9	☐			216.67	0.0002	P	19.3

$$y = 8.4664\text{E-}004 * x + 4.9763\text{E-}005$$

$$R = 0.9997$$

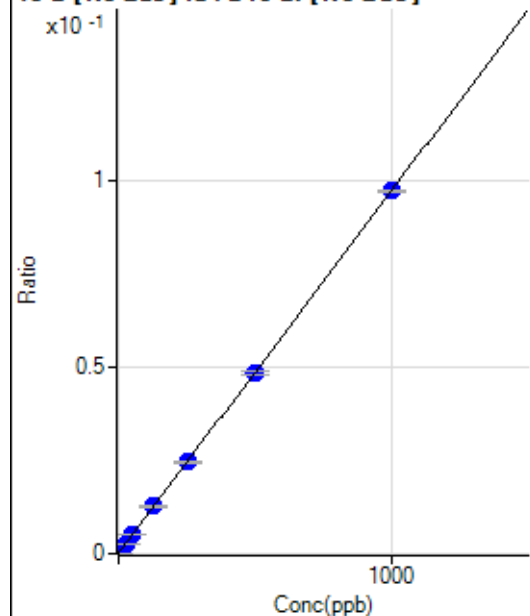
$$DL = 0.03023$$

$$BEC = 0.05878$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0001	P	10.6
2	☐	2.500					
3	☐	25.000	23.357	2280.84	0.0024	P	1.5
4	☐	50.000	52.840	5131.68	0.0053	P	2.5
5	☐	125.000	130.386	12825.68	0.0128	P	3.4
6	☐	250.000	251.127	24900.13	0.0245	P	3.8
7	☐	500.000	498.083	50949.90	0.0484	P	2.1
8	☐	1000.000	999.903	102458.84	0.0971	P	0.8
9	☐			4545.36	0.0044	P	8.0

$$y = 9.6953\text{E-}005 * x + 1.2854\text{E-}004$$

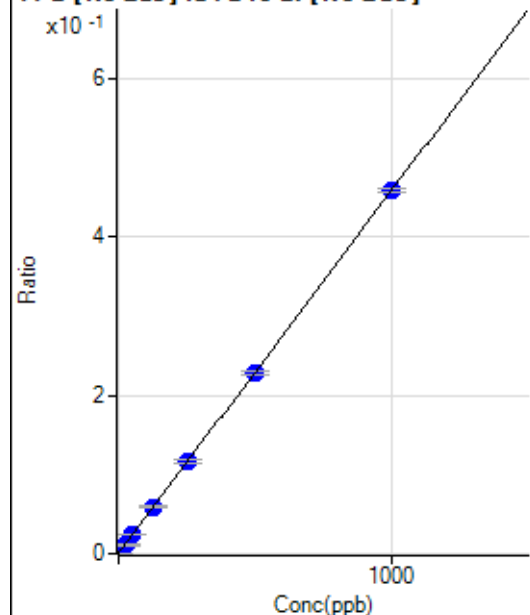
$$R = 1.0000$$

$$DL = 0.4211$$

$$BEC = 1.326$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	455.59	0.0005	P	23.6
2	☐	2.500					
3	☐	25.000	23.088	10548.71	0.0111	P	4.9
4	☐	50.000	51.887	23717.74	0.0243	P	3.7
5	☐	125.000	128.444	59622.17	0.0594	P	1.4
6	☐	250.000	252.706	118351.98	0.1163	P	3.0
7	☐	500.000	499.454	241412.19	0.2294	P	2.1
8	☐	1000.000	999.120	483893.63	0.4585	P	1.0
9	☐			21308.26	0.0204	P	5.8

$$y = 4.5837\text{E-}004 * x + 4.8935\text{E-}004$$

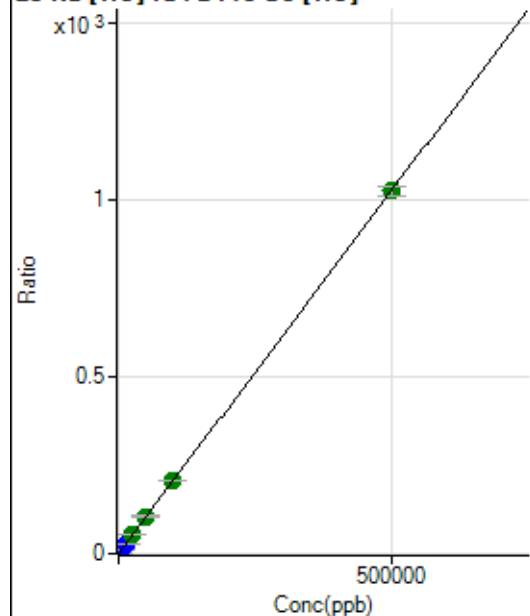
$$R = 1.0000$$

$$DL = 0.7551$$

$$BEC = 1.068$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3539.49	0.1410	P	3.1
2	☐	50.000					
3	☐	500.000	467.677	27341.02	1.0991	P	1.2
4	☐	5000.000	5214.367	270229.65	10.8233	P	1.9
5	☐	12500.000	13054.947	660646.17	26.8858	P	3.3
6	☐	25000.000	25955.442	1317984.29	53.3143	A	0.8
7	☐	50000.000	51556.587	2475209.19	105.7618	A	1.0
8	☐	100000.00	100024.33	4597233.22	205.0547	A	1.4
9	☐	500000.00	499775.71	24008364.43	1,024.000	A	2.8

$$y = 0.0020 * x + 0.1410$$

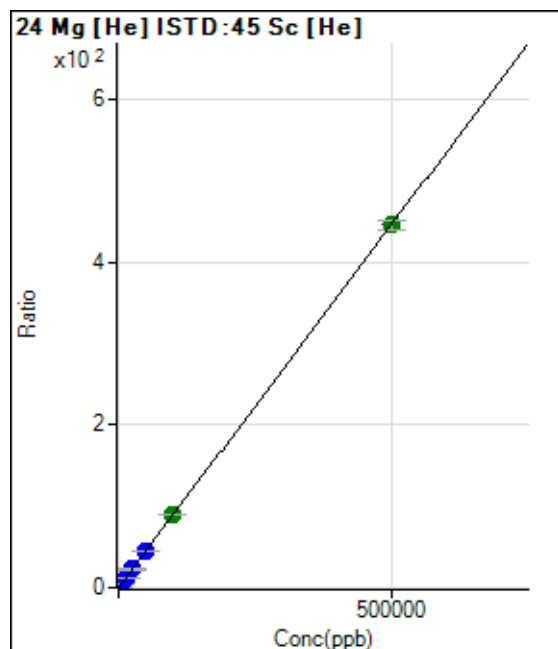
$$R = 1.0000$$

$$DL = 6.3$$

$$BEC = 68.81$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0038	P	5.2
2	☐	50.000					
3	☐	500.000	455.380	10195.74	0.4098	P	2.3
4	☐	5000.000	5163.562	115058.12	4.6079	P	1.0
5	☐	12500.000	12907.655	282947.69	11.5131	P	2.6
6	☐	25000.000	25205.296	555701.25	22.4785	P	1.0
7	☐	50000.000	50360.438	1050990.87	44.9085	P	0.5
8	☐	100000.00	101332.83	2025918.67	90.3590	A	0.5
9	☐	500000.00	499675.34	10446378.27	445.5480	A	2.7

$$y = 8.9167\text{E-}004 * x + 0.0038$$

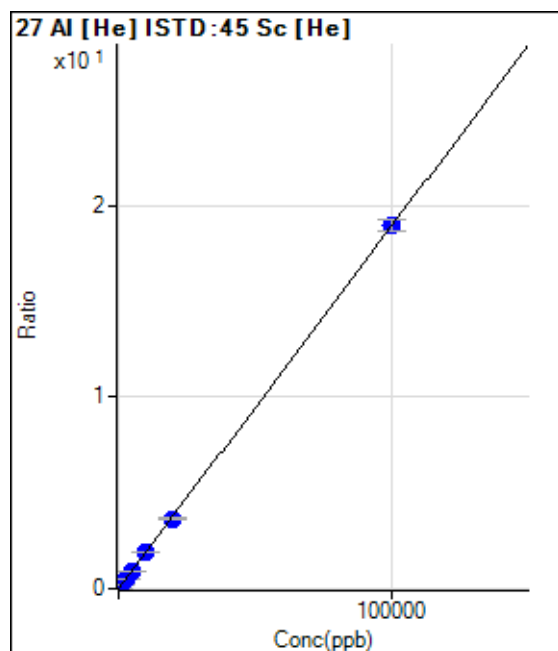
$$R = 1.0000$$

$$DL = 0.6616$$

$$BEC = 4.218$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0008	P	50.2
2	☐	2.000					
3	☐	20.000	15.964	94.45	0.0038	P	13.6
4	☐	1000.000	1038.419	4923.27	0.1972	P	4.1
5	☐	2500.000	2537.718	11810.98	0.4808	P	5.1
6	☐	5000.000	4990.533	23356.27	0.9448	P	1.0
7	☐	10000.000	10007.802	44326.19	1.8938	P	3.3
8	☐	20000.000	19364.089	82143.01	3.6637	P	1.6
9	☐	100000.00	100125.54	444049.82	18.9404	P	3.1

$$y = 1.8916\text{E-}004 * x + 7.7755\text{E-}004$$

$$R = 1.0000$$

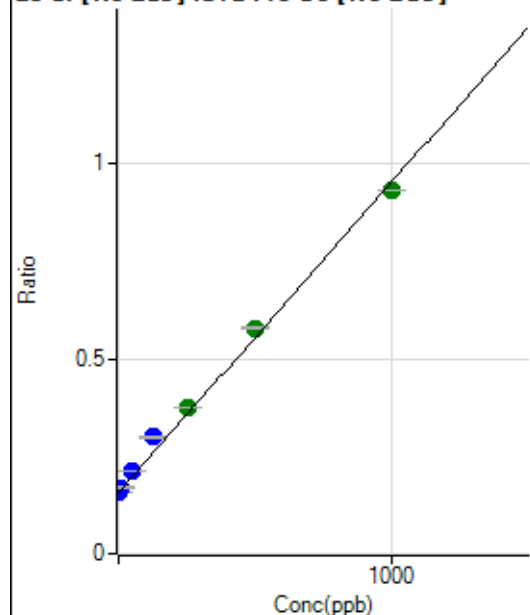
$$DL = 6.192$$

$$BEC = 4.111$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442415.13	0.1571	P	0.6
2	☐	1.000					
3	☐	10.000	16.018	484426.64	0.1698	P	2.3
4	☐	50.000	71.174	612309.85	0.2137	P	0.3
5	☐	125.000	178.029	868366.13	0.2987	P	1.0
6	☐	250.000	274.247	1088289.36	0.3753	A	0.4
7	☐	500.000	529.145	1683911.49	0.5780	A	0.6
8	☐	1000.000	971.618	2674865.29	0.9300	A	0.0
9	☐			596521.61	0.2025	P	1.7

$$y = 7.9546E-004 * x + 0.1571$$

$$R = 0.9980$$

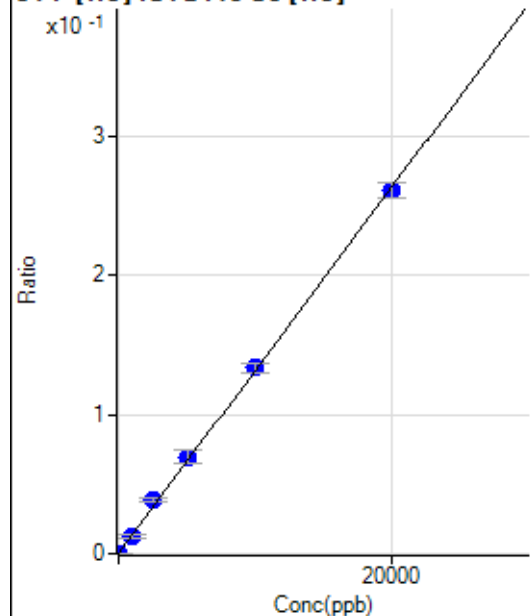
$$DL = 3.593$$

$$BEC = 197.5$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.286	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	4.286	5.56	0.0002	P	173.
4	☐	1000.000	943.296	313.91	0.0126	P	16.3
5	☐	2500.000	2910.407	944.52	0.0385	P	8.8
6	☐	5000.000	5272.181	1719.63	0.0696	P	13.5
7	☐	10000.000	10131.706	3125.48	0.1335	P	4.7
8	☐	20000.000	19817.636	5851.44	0.2610	P	4.1
9	☐			8.33	0.0004	P	2.4

$$y = 1.3164E-005 * x + 1.6535E-004$$

$$R = 0.9997$$

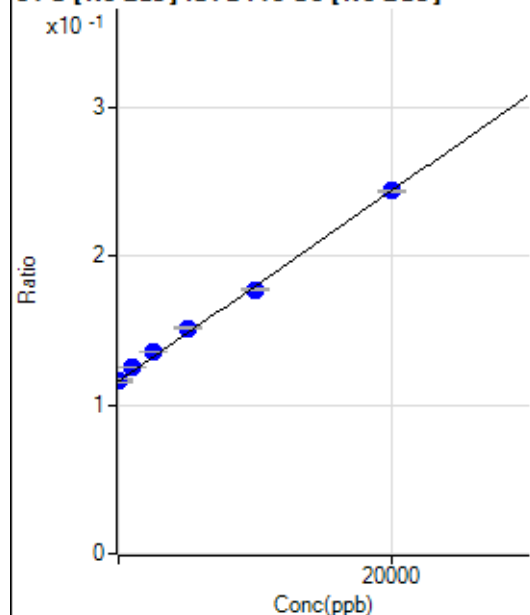
$$DL = 65.27$$

$$BEC = 12.56$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	23.674	327327.02	0.1162	P	0.4
2	☐	0.000					
3	☐	0.000	-23.674	330656.76	0.1159	P	2.3
4	☐	1000.000	1401.878	358359.07	0.1251	P	0.0
5	☐	2500.000	3096.181	395222.53	0.1360	P	0.4
6	☐	5000.000	5607.376	441007.47	0.1521	P	0.7
7	☐	10000.000	9579.215	517269.50	0.1776	P	0.7
8	☐	20000.000	19963.932	702389.64	0.2442	P	0.3
9	☐			310715.49	0.1055	P	0.9

$$y = 6.4176E-006 * x + 0.1161$$

$$R = 0.9988$$

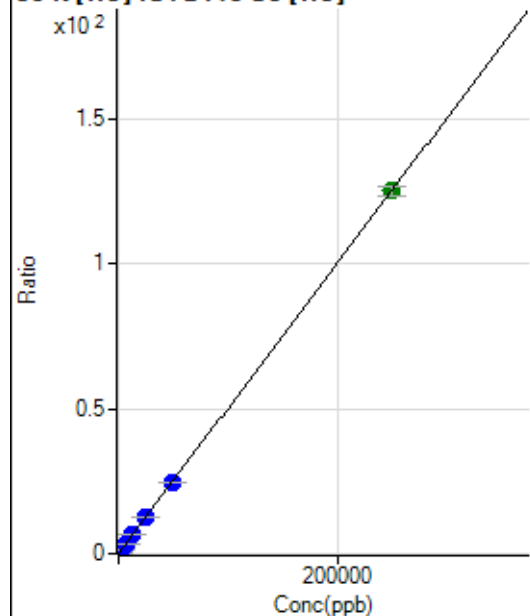
$$DL = 726$$

$$BEC = 1.809E+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2311.42	0.0922	P	18.4
2	☐	50.000					
3	☐	500.000	466.941	8099.89	0.3257	P	5.6
4	☐	2500.000	2709.642	36127.91	1.4470	P	2.6
5	☐	6250.000	6614.081	83519.96	3.3992	P	3.9
6	☐	12500.000	12780.906	160258.04	6.4826	P	1.1
7	☐	25000.000	25241.524	297531.21	12.7129	P	1.5
8	☐	50000.000	49141.675	552953.26	24.6630	P	1.1
9	☐	250000.00	250122.33	2934313.26	125.1533	A	3.0

$$y = 5.0000E-004 * x + 0.0922$$

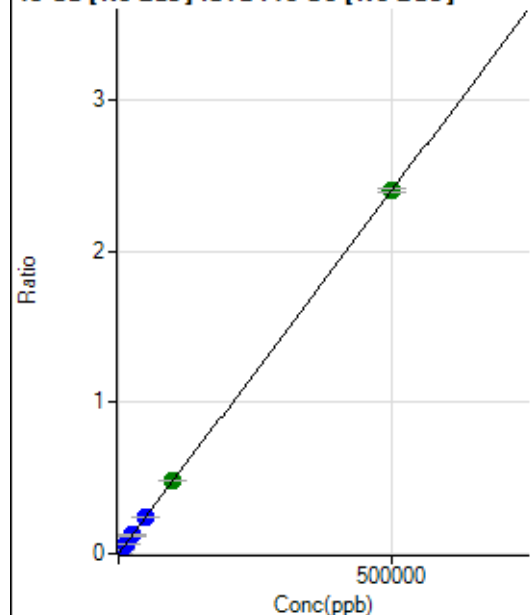
$$R = 1.0000$$

$$DL = 101.6$$

$$BEC = 184.4$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1572.38	0.0006	P	2.6
2	☐	50.000					
3	☐	500.000	450.741	7752.47	0.0027	P	1.8
4	☐	5000.000	5085.724	71410.00	0.0249	P	0.6
5	☐	12500.000	12520.990	176008.11	0.0605	P	1.0
6	☐	25000.000	25108.549	350494.95	0.1209	P	0.7
7	☐	50000.000	49473.337	692123.43	0.2376	P	1.2
8	☐	100000.00	100462.24	1385998.14	0.4819	A	1.1
9	☐	500000.00	499953.45	7058098.85	2.3959	A	1.1

$$y = 4.7911\text{E-}006 * x + 5.5837\text{E-}004$$

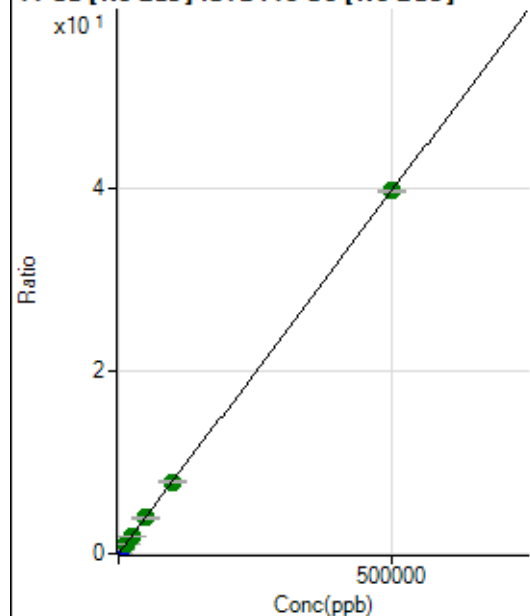
$$R = 1.0000$$

$$DL = 9.019$$

$$BEC = 116.5$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15094.77	0.0054	P	1.7
2	☐	50.000					
3	☐	500.000	450.903	117318.08	0.0411	P	3.0
4	☐	5000.000	5042.823	1161672.14	0.4055	P	0.4
5	☐	12500.000	12585.178	2918269.12	1.0039	A	1.4
6	☐	25000.000	24832.465	5729302.99	1.9756	A	1.0
7	☐	50000.000	49136.165	11372446.09	3.9039	A	1.6
8	☐	100000.00	99188.072	22650941.65	7.8752	A	0.4
9	☐	500000.00	500254.63	116946859.5	39.6968	A	0.8

$$y = 7.9343\text{E-}005 * x + 0.0054$$

$$R = 1.0000$$

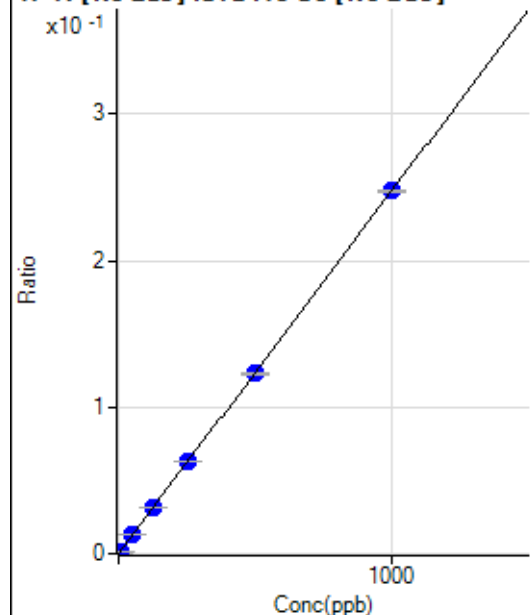
$$DL = 3.451$$

$$BEC = 67.56$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0001	P	7.8
2	☐	0.500					
3	☐	5.000	4.288	3192.18	0.0011	P	6.5
4	☐	50.000	51.742	36838.51	0.0129	P	0.8
5	☐	125.000	125.759	90612.25	0.0312	P	0.3
6	☐	250.000	252.976	181678.51	0.0626	P	0.7
7	☐	500.000	496.442	357966.10	0.1229	P	0.8
8	☐	1000.000	1000.857	712356.12	0.2477	P	0.3
9	☐			494.48	0.0002	P	10.2

$$y = 2.4740\text{E-}004 * x + 5.7211\text{E-}005$$

$$R = 1.0000$$

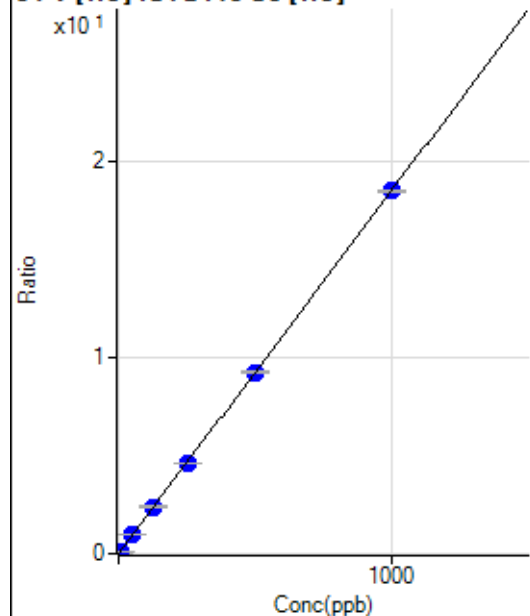
$$DL = 0.05407$$

$$BEC = 0.2312$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0002	P	43.3
2	☐	0.500					
3	☐	5.000	4.575	2114.64	0.0850	P	6.2
4	☐	50.000	51.001	23612.35	0.9456	P	1.4
5	☐	125.000	127.868	58248.42	2.3706	P	3.6
6	☐	250.000	249.616	114401.09	4.6276	P	0.6
7	☐	500.000	500.063	216959.13	9.2705	P	0.3
8	☐	1000.000	999.658	415503.74	18.5321	P	0.5
9	☐			138.89	0.0059	P	5.9

$$y = 0.0185 * x + 1.7690\text{E-}004$$

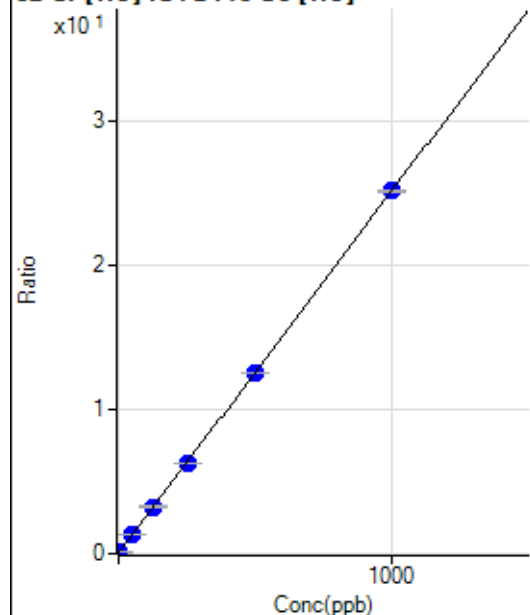
$$R = 1.0000$$

$$DL = 0.0124$$

$$BEC = 0.009542$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	670.03	0.0267	P	6.5
2	☐	0.200					
3	☐	2.000	1.984	1902.39	0.0765	P	2.5
4	☐	50.000	51.059	32666.10	1.3083	P	1.9
5	☐	125.000	127.928	79561.30	3.2379	P	3.4
6	☐	250.000	248.090	154611.69	6.2541	P	0.3
7	☐	500.000	497.667	292982.00	12.5189	P	0.5
8	☐	1000.000	1001.225	564082.19	25.1589	P	0.5
9	☐			8214.77	0.3504	P	3.3

$$y = 0.0251 * x + 0.0267$$

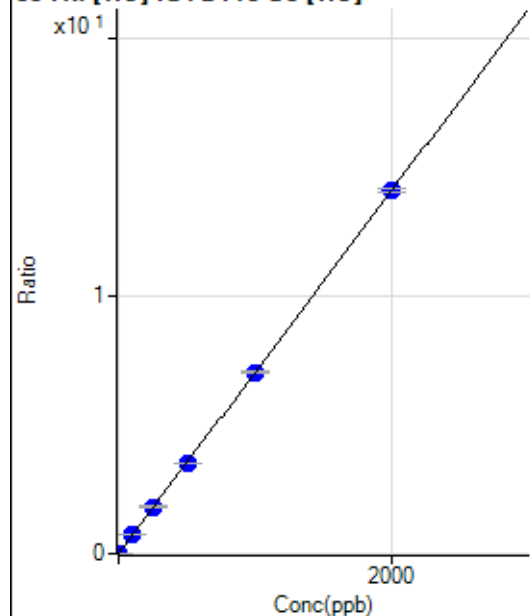
$$R = 1.0000$$

$$DL = 0.2072$$

$$BEC = 1.063$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0004	P	44.8
2	☐	0.100					
3	☐	1.000	1.067	195.56	0.0079	P	1.3
4	☐	100.000	102.520	18021.85	0.7218	P	2.1
5	☐	250.000	257.649	44574.34	1.8135	P	2.0
6	☐	500.000	498.422	86720.16	3.5079	P	0.5
7	☐	1000.000	999.230	164578.75	7.0322	P	0.9
8	☐	2000.000	1999.697	315510.98	14.0728	P	1.1
9	☐			1011.17	0.0431	P	2.9

$$y = 0.0070 * x + 3.5541E-004$$

$$R = 1.0000$$

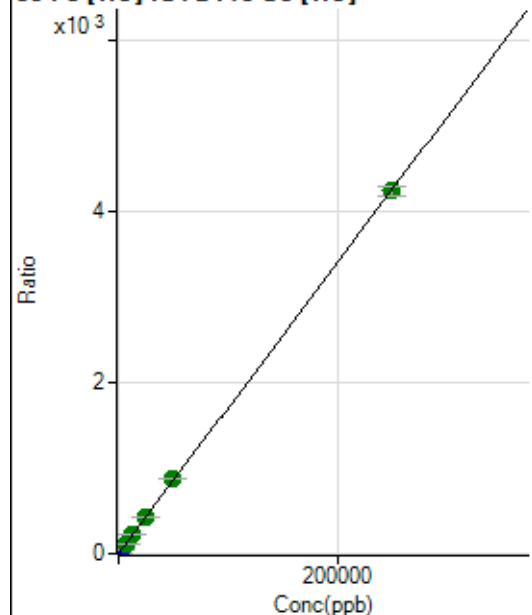
$$DL = 0.06786$$

$$BEC = 0.0505$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1340.85	0.0534	P	3.5
2	☐	5.000					
3	☐	50.000	46.082	20764.03	0.8347	P	1.4
4	☐	2500.000	2607.732	1105313.93	44.2669	P	0.7
5	☐	6250.000	6593.477	2748439.01	111.8444	A	3.0
6	☐	12500.000	12740.346	5341313.77	216.0633	A	0.9
7	☐	25000.000	25390.375	10076006.59	430.5419	A	0.2
8	☐	50000.000	51179.567	19456369.19	867.7923	A	0.6
9	☐	250000.00	249703.36	99264183.70	4,233.722	A	2.7

$$y = 0.0170 * x + 0.0534$$

$$R = 1.0000$$

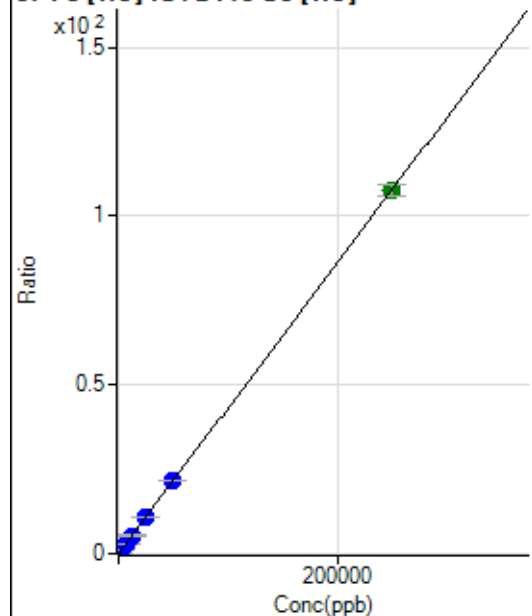
$$DL = 0.3297$$

$$BEC = 3.148$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0020	P	34.8
2	☐	5.000					
3	☐	50.000	41.574	494.47	0.0199	P	12.3
4	☐	2500.000	2570.908	27670.58	1.1082	P	1.1
5	☐	6250.000	6455.192	68311.55	2.7796	P	2.5
6	☐	12500.000	12554.642	133591.03	5.4040	P	1.2
7	☐	25000.000	25234.718	254164.11	10.8600	P	0.7
8	☐	50000.000	50686.854	489017.56	21.8116	P	1.0
9	☐	250000.00	249830.58	2520319.41	107.4996	A	3.1

$$y = 4.3028E-004 * x + 0.0020$$

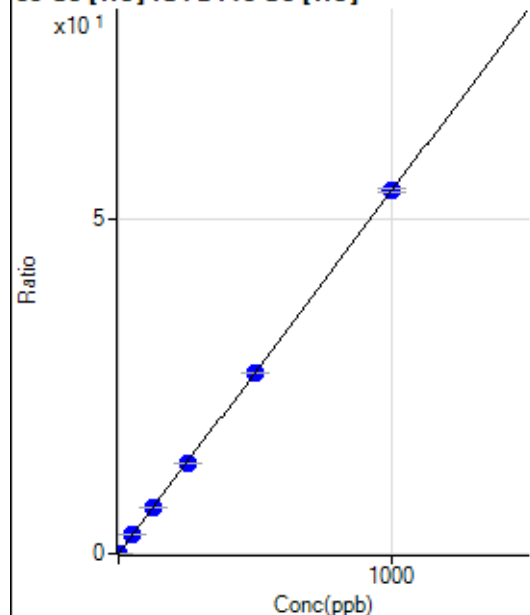
$$R = 1.0000$$

$$DL = 4.843$$

$$BEC = 4.643$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0020	P	25.4
2	☐	0.100					
3	☐	1.000	0.929	1301.19	0.0523	P	1.1
4	☐	50.000	50.932	69008.75	2.7638	P	1.1
5	☐	125.000	127.183	169507.07	6.8987	P	3.7
6	☐	250.000	249.156	334047.64	13.5129	P	1.3
7	☐	500.000	499.203	633575.69	27.0722	P	0.2
8	☐	1000.000	1000.290	1216154.89	54.2446	P	1.1
9	☐			1591.23	0.0679	P	5.9

$$y = 0.0542 * x + 0.0020$$

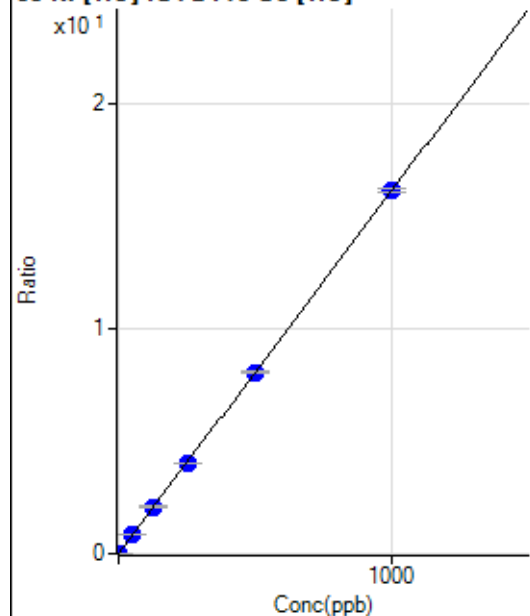
$$R = 1.0000$$

$$DL = 0.0274$$

$$BEC = 0.03599$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.34	0.0029	P	6.6
2	☐	0.100					
3	☐	1.000	1.015	478.91	0.0193	P	6.4
4	☐	50.000	50.993	20567.65	0.8238	P	1.7
5	☐	125.000	128.309	50831.40	2.0683	P	2.6
6	☐	250.000	248.808	99085.91	4.0080	P	0.6
7	☐	500.000	499.527	188255.02	8.0439	P	0.6
8	☐	1000.000	1000.071	360990.18	16.1013	P	1.1
9	☐			3886.16	0.1658	P	5.3

$$y = 0.0161 * x + 0.0029$$

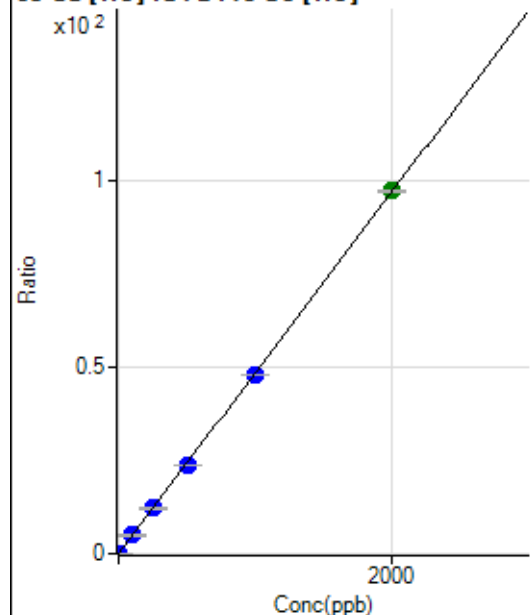
$$R = 1.0000$$

$$DL = 0.03596$$

$$BEC = 0.1813$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0040	P	22.5
2	☐	0.200					
3	☐	2.000	1.796	2268.00	0.0912	P	3.1
4	☐	100.000	101.444	123095.89	4.9299	P	1.1
5	☐	250.000	251.256	299922.02	12.2046	P	2.9
6	☐	500.000	489.677	587925.11	23.7819	P	0.5
7	☐	1000.000	989.704	1124792.19	48.0624	P	0.6
8	☐	2000.000	2007.500	2185667.37	97.4849	A	0.6
9	☐			3367.13	0.1436	P	3.9

$$y = 0.0486 * x + 0.0040$$

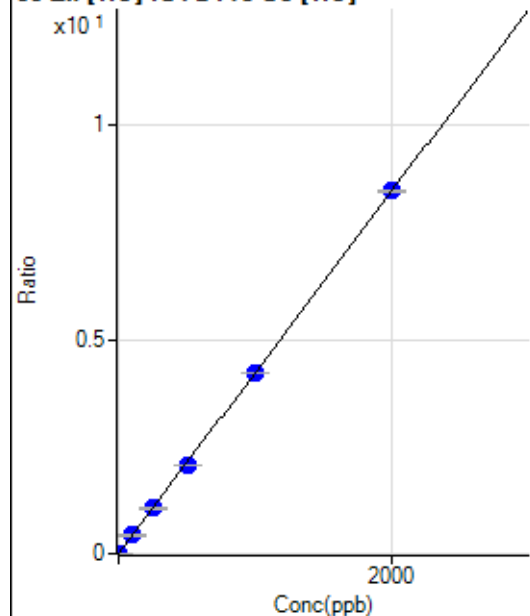
$$R = 1.0000$$

$$DL = 0.05537$$

$$BEC = 0.08192$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0007	P	70.8
2	☐	0.200					
3	☐	2.000	2.200	248.90	0.0100	P	8.1
4	☐	100.000	101.597	10740.97	0.4302	P	2.4
5	☐	250.000	252.936	26291.78	1.0700	P	3.3
6	☐	500.000	489.739	51200.90	2.0710	P	0.4
7	☐	1000.000	998.056	98757.10	4.2199	P	0.5
8	☐	2000.000	2003.090	189868.96	8.4686	P	0.8
9	☐			800.04	0.0341	P	3.7

$$y = 0.0042 * x + 7.0749E-004$$

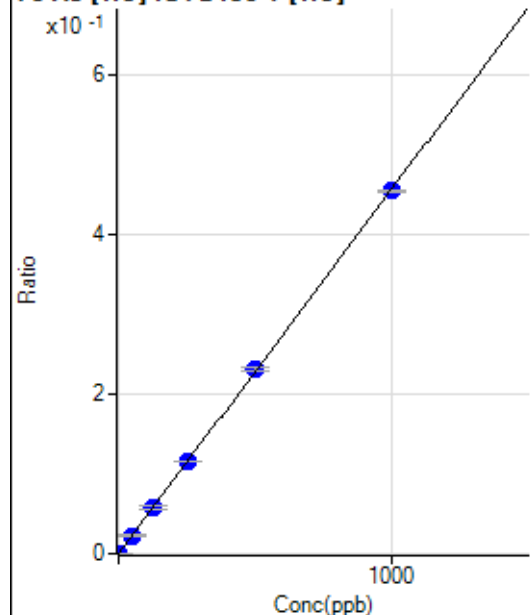
$$R = 1.0000$$

$$DL = 0.3553$$

$$BEC = 0.1674$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	89.3
2	☐	0.100					
3	☐	1.000	1.079	91.36	0.0005	P	12.4
4	☐	50.000	49.927	4030.88	0.0228	P	0.8
5	☐	125.000	126.223	9854.84	0.0577	P	5.9
6	☐	250.000	252.237	19552.16	0.1153	P	1.1
7	☐	500.000	506.690	36915.86	0.2316	P	1.1
8	☐	1000.000	995.946	70775.63	0.4552	P	0.6
9	☐			26.54	0.0002	P	51.4

$$y = 4.5705\text{E-}004 * x + 2.4734\text{E-}005$$

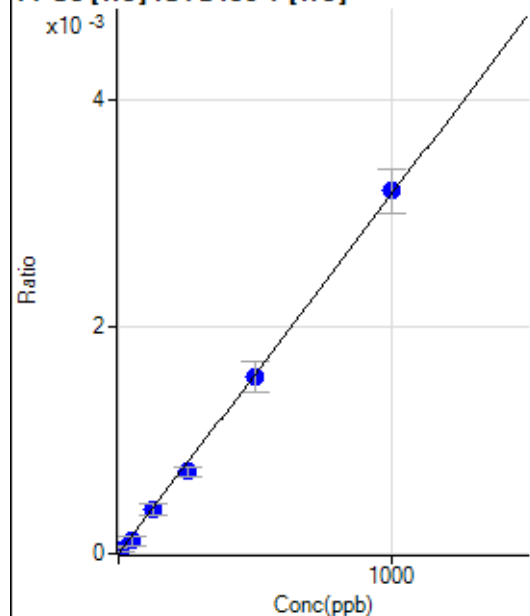
$$R = 1.0000$$

$$DL = 0.1449$$

$$BEC = 0.05412$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	11.864	6.66	0.0000	P	85.8
4	☐	50.000	35.763	20.00	0.0001	P	76.6
5	☐	125.000	123.424	66.67	0.0004	P	28.7
6	☐	250.000	229.540	123.34	0.0007	P	12.0
7	☐	500.000	492.444	248.90	0.0016	P	17.0
8	☐	1000.000	1009.767	497.80	0.0032	P	12.5
9	☐			2.22	0.0000	P	173.

$$y = 3.1692\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

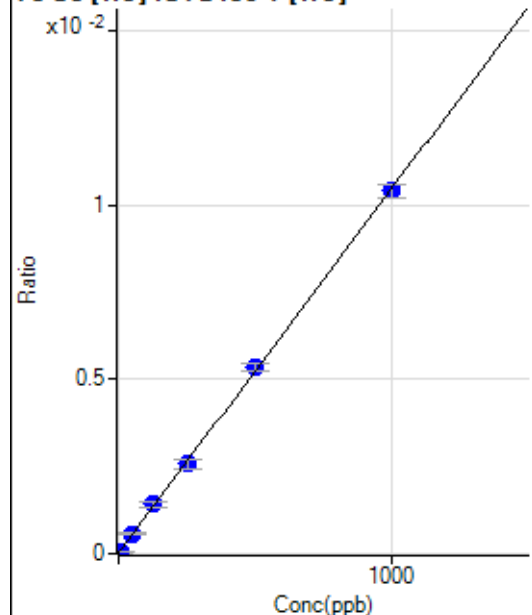
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	99.7
2	☐	0.500					
3	☐	5.000	3.008	9.26	0.0001	P	0.9
4	☐	50.000	52.254	100.00	0.0006	P	9.2
5	☐	125.000	132.675	240.12	0.0014	P	9.8
6	☐	250.000	245.315	438.28	0.0026	P	10.1
7	☐	500.000	511.483	854.98	0.0054	P	3.6
8	☐	1000.000	994.368	1618.63	0.0104	P	3.5
9	☐			1.85	0.0000	P	100.

$$y = 1.0447\text{E-}005 * x + 2.1085\text{E-}005$$

$$R = 0.9999$$

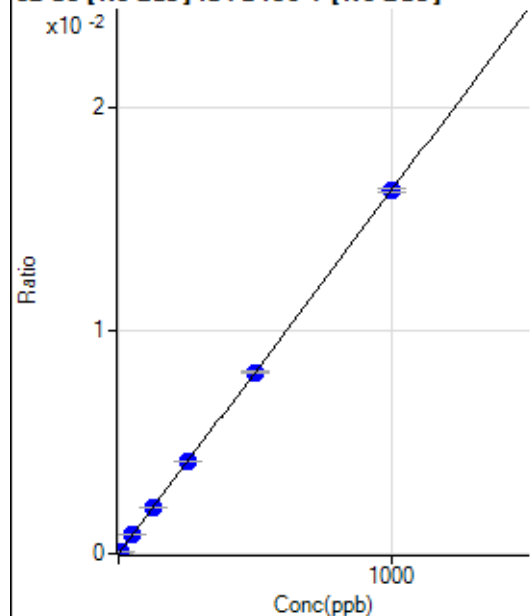
$$DL = 6.039$$

$$BEC = 2.018$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-95.07	0.0000	P	-36.
2	☐	0.500					
3	☐	5.000	5.799	384.41	0.0001	P	19.2
4	☐	50.000	53.551	4436.72	0.0009	P	0.5
5	☐	125.000	127.816	10896.05	0.0021	P	0.9
6	☐	250.000	254.295	21892.40	0.0041	P	0.9
7	☐	500.000	499.143	43053.53	0.0081	P	1.2
8	☐	1000.000	998.821	86414.14	0.0163	P	1.0
9	☐			66.29	0.0000	P	34.2

$$y = 1.6293\text{E-}005 * x - 1.8776\text{E-}005$$

$$R = 1.0000$$

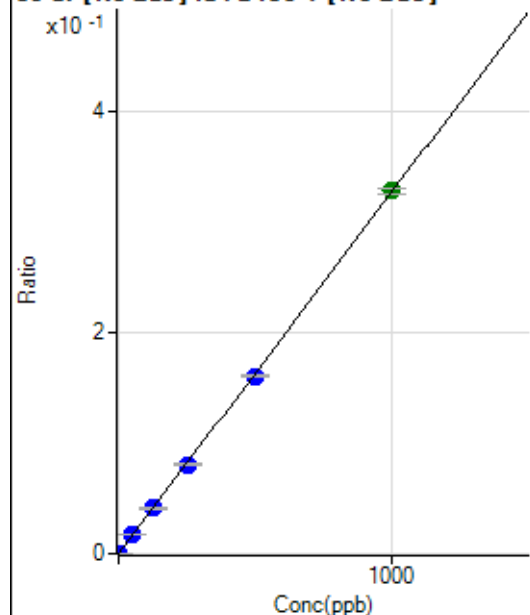
$$DL = 1.269$$

$$BEC = -1.152$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.70	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.853	1886.33	0.0004	P	7.0
4	☐	50.000	51.258	87549.89	0.0168	P	0.9
5	☐	125.000	125.289	216703.50	0.0410	P	1.0
6	☐	250.000	246.382	427941.48	0.0806	P	0.9
7	☐	500.000	492.263	854283.82	0.1610	P	0.3
8	☐	1000.000	1004.674	1746216.16	0.3285	A	1.4
9	☐			60501.91	0.0113	P	0.5

$$y = 3.2687\text{E-}004 * x + 9.2190\text{E-}005$$

$$R = 0.9999$$

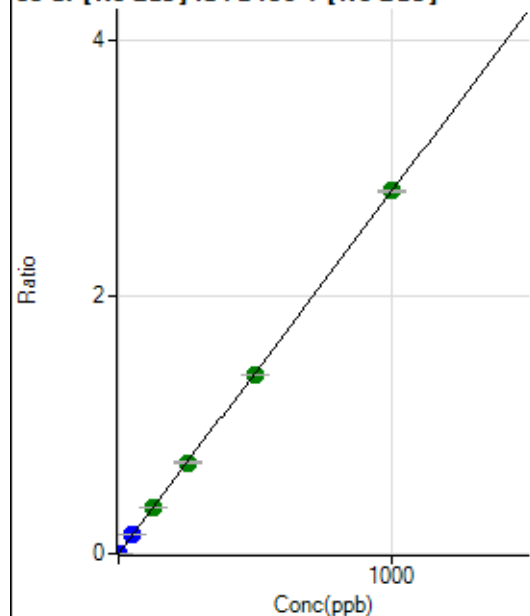
$$DL = 0.05239$$

$$BEC = 0.282$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	53.7
2	☐	0.100					
3	☐	1.000	0.915	13226.38	0.0026	P	4.1
4	☐	50.000	51.391	753262.37	0.1449	P	0.7
5	☐	125.000	129.135	1922794.72	0.3642	A	0.7
6	☐	250.000	251.419	3763354.81	0.7090	A	1.0
7	☐	500.000	494.124	7394053.12	1.3935	A	0.3
8	☐	1000.000	1001.997	15021797.21	2.8257	A	0.5
9	☐			527402.23	0.0984	P	0.6

$$y = 0.0028 * x + 2.1391\text{E-}005$$

$$R = 1.0000$$

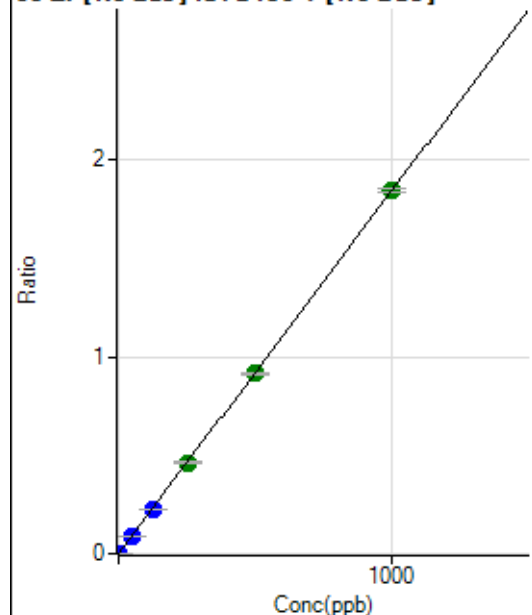
$$DL = 0.01222$$

$$BEC = 0.007585$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.23	0.0000	P	8.4
2	☐	0.100					
3	☐	1.000	0.875	8441.88	0.0017	P	2.6
4	☐	50.000	50.133	479868.99	0.0923	P	0.3
5	☐	125.000	124.455	1209899.50	0.2292	P	0.3
6	☐	250.000	251.789	2460571.54	0.4636	A	0.5
7	☐	500.000	497.643	4861319.21	0.9162	A	1.1
8	☐	1000.000	1000.793	9794426.61	1.8424	A	0.9
9	☐			1219.55	0.0002	P	11.3

$$y = 0.0018 * x + 4.8835E-005$$

$$R = 1.0000$$

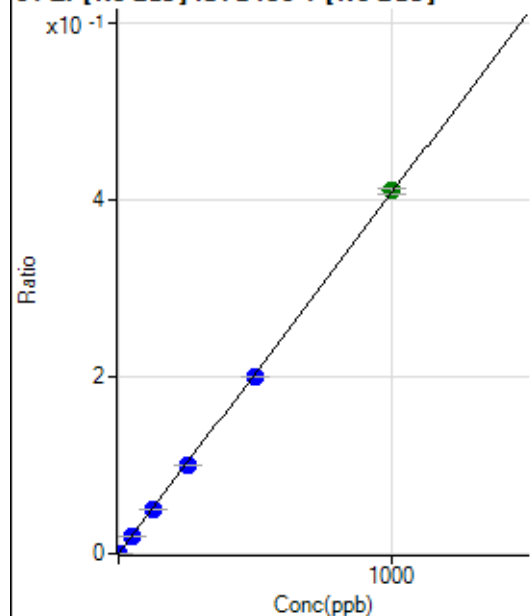
$$DL = 0.006694$$

$$BEC = 0.02653$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	0.898	1930.78	0.0004	P	2.3
4	☐	50.000	50.087	106282.65	0.0205	P	0.3
5	☐	125.000	124.164	267564.93	0.0507	P	1.2
6	☐	250.000	246.702	534413.84	0.1007	P	0.1
7	☐	500.000	491.127	1063467.92	0.2004	P	0.5
8	☐	1000.000	1005.361	2180848.79	0.4103	A	1.6
9	☐			300.02	0.0001	P	11.8

$$y = 4.0805E-004 * x + 1.3164E-005$$

$$R = 0.9999$$

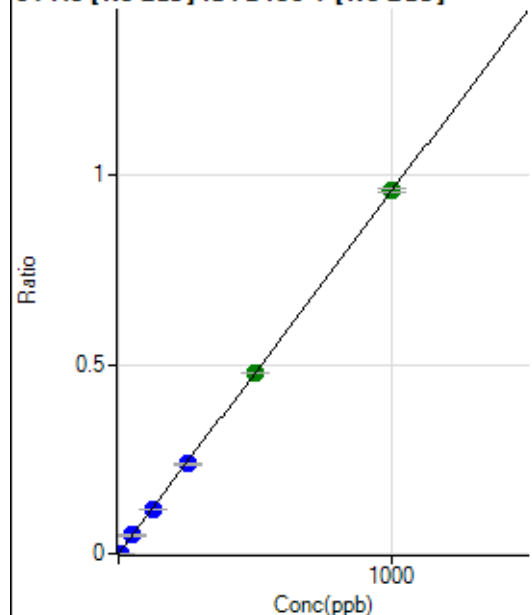
$$DL = 0.03615$$

$$BEC = 0.03226$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	1.992	9887.35	0.0019	P	0.2
4	☐	50.000	50.412	250982.24	0.0483	P	0.9
5	☐	125.000	123.607	624933.83	0.1184	P	0.2
6	☐	250.000	246.824	1254313.76	0.2363	P	1.0
7	☐	500.000	499.019	2535048.93	0.4777	A	0.9
8	☐	1000.000	1001.453	5096608.58	0.9587	A	1.0
9	☐			3956.33	0.0007	P	0.9

$$y = 9.5730E-004 * x + 3.6762E-005$$

$$R = 1.0000$$

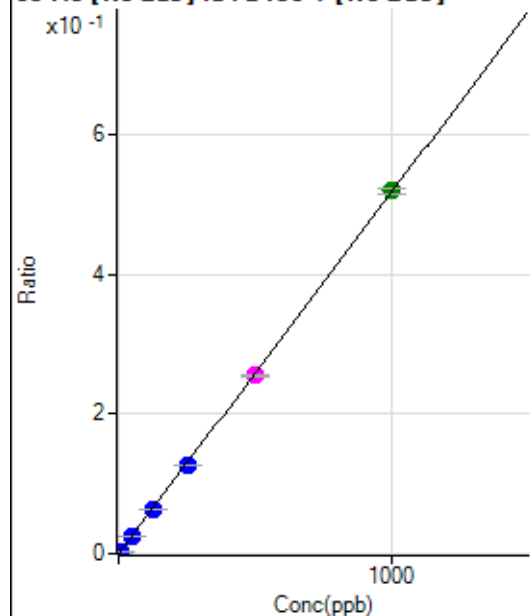
$$DL = 0.01799$$

$$BEC = 0.0384$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	50.9
2	☐	0.500					
3	☐	5.000	4.609	12172.70	0.0024	P	1.4
4	☐	50.000	49.971	134303.37	0.0258	P	1.2
5	☐	125.000	123.945	338339.24	0.0641	P	0.6
6	☐	250.000	246.286	675834.52	0.1273	P	0.6
7	☐	500.000	494.112	1355400.45	0.2554	M	0.9
8	☐	1000.000	1004.008	2759186.26	0.5190	A	1.5
9	☐			6162.77	0.0011	P	4.6

$$y = 5.1694E-004 * x + 1.0431E-005$$

$$R = 1.0000$$

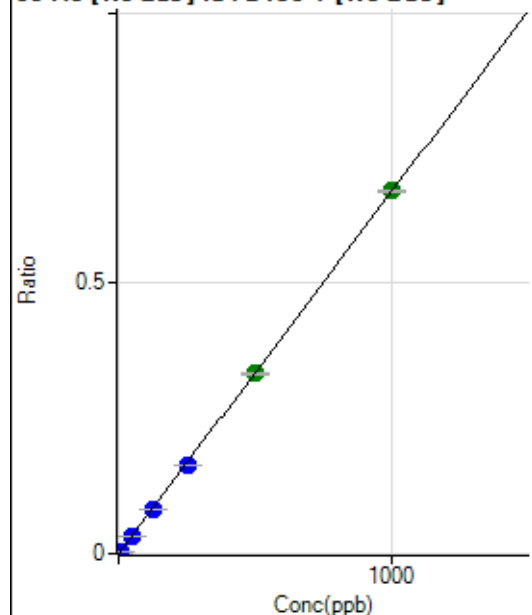
$$DL = 0.03082$$

$$BEC = 0.02018$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	31.1
2	☐	0.500					
3	☐	5.000	4.021	13785.45	0.0027	P	1.0
4	☐	50.000	49.764	173151.70	0.0333	P	0.7
5	☐	125.000	123.798	437478.68	0.0829	P	0.2
6	☐	250.000	245.403	871770.53	0.1642	P	0.3
7	☐	500.000	497.367	1766119.40	0.3328	A	0.5
8	☐	1000.000	1002.633	3566815.36	0.6710	A	0.9
9	☐			8283.39	0.0015	P	1.3

$$y = 6.6917\text{E-}004 * x + 1.8663\text{E-}005$$

$$R = 1.0000$$

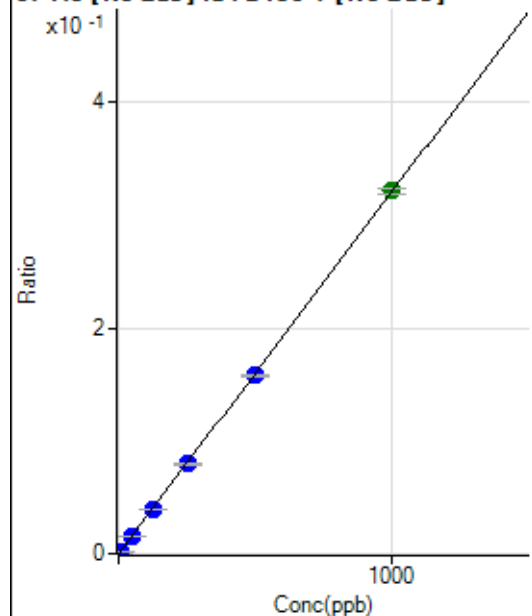
$$DL = 0.02606$$

$$BEC = 0.02789$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.4
2	☐	0.500					
3	☐	5.000	4.317	7091.05	0.0014	P	1.0
4	☐	50.000	49.632	82673.97	0.0159	P	1.3
5	☐	125.000	123.647	209160.63	0.0396	P	0.4
6	☐	250.000	248.334	422244.00	0.0796	P	1.2
7	☐	500.000	492.823	837673.44	0.1579	P	0.4
8	☐	1000.000	1004.196	1709931.20	0.3217	A	1.3
9	☐			3739.58	0.0007	P	2.3

$$y = 3.2031\text{E-}004 * x + 1.0977\text{E-}005$$

$$R = 1.0000$$

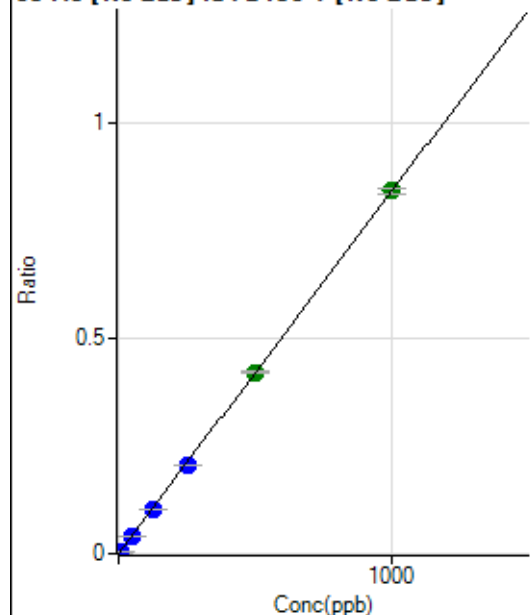
$$DL = 0.03224$$

$$BEC = 0.03427$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	4.4
2	☐	0.500					
3	☐	5.000	4.476	19245.02	0.0038	P	3.6
4	☐	50.000	49.274	215284.14	0.0414	P	1.3
5	☐	125.000	122.402	543152.60	0.1029	P	0.4
6	☐	250.000	243.420	1085803.12	0.2046	P	0.5
7	☐	500.000	500.402	2231277.27	0.4205	A	0.7
8	☐	1000.000	1001.807	4475110.65	0.8418	A	1.3
9	☐			9848.43	0.0018	P	4.3

$$y = 8.4029\text{E-}004 * x + 2.2499\text{E-}005$$

$$R = 1.0000$$

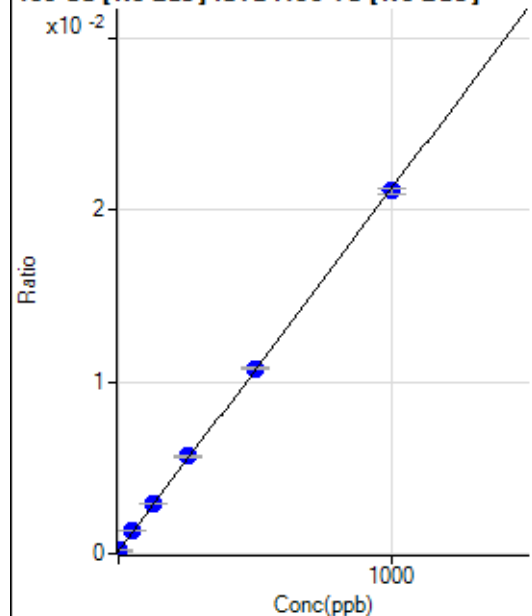
$$DL = 0.003505$$

$$BEC = 0.02678$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	944.52	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	1.955	1180.67	0.0002	P	2.4
4	☐	50.000	55.642	8122.26	0.0013	P	4.2
5	☐	125.000	131.677	18438.38	0.0029	P	1.7
6	☐	250.000	260.935	36118.83	0.0057	P	1.6
7	☐	500.000	504.631	70912.04	0.0108	P	0.7
8	☐	1000.000	993.833	141679.95	0.0211	P	1.3
9	☐			1080.65	0.0002	P	7.8

$$y = 2.1068\text{E-}005 * x + 1.5610\text{E-}004$$

$$R = 0.9999$$

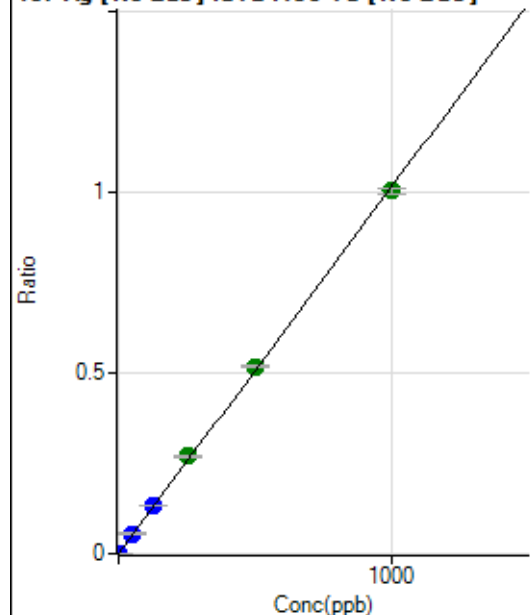
$$DL = 0.734$$

$$BEC = 7.409$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	1.018	6226.69	0.0010	P	4.6
4	☐	50.000	54.959	340360.41	0.0557	P	0.5
5	☐	125.000	133.566	851251.17	0.1353	P	0.2
6	☐	250.000	265.417	1717289.53	0.2688	A	0.6
7	☐	500.000	510.997	3401922.91	0.5175	A	0.5
8	☐	1000.000	989.328	6729293.03	1.0020	A	1.8
9	☐			627.83	0.0001	P	8.3

$$y = 0.0010 * x + 9.1818E-006$$

$$R = 0.9998$$

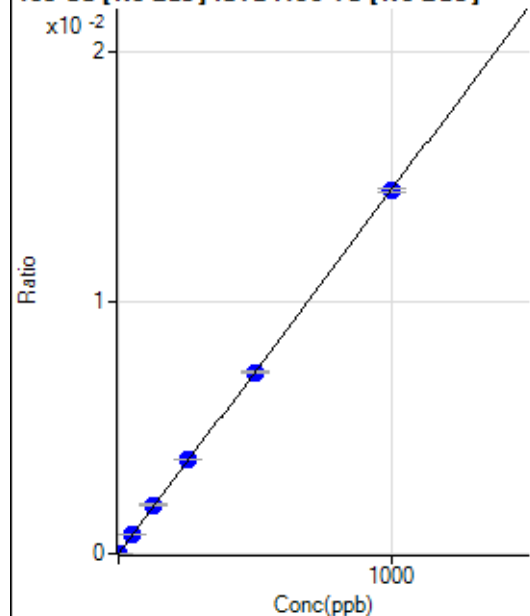
$$DL = 0.006224$$

$$BEC = 0.009066$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	107.
2	☐	0.100					
3	☐	1.000	1.027	98.61	0.0000	P	32.1
4	☐	50.000	53.526	4749.56	0.0008	P	1.9
5	☐	125.000	133.991	12221.01	0.0019	P	1.9
6	☐	250.000	260.348	24098.25	0.0038	P	0.6
7	☐	500.000	498.573	47476.78	0.0072	P	1.7
8	☐	1000.000	996.826	96977.56	0.0144	P	1.2
9	☐			20.83	0.0000	P	72.2

$$y = 1.4483E-005 * x + 1.6078E-006$$

$$R = 0.9999$$

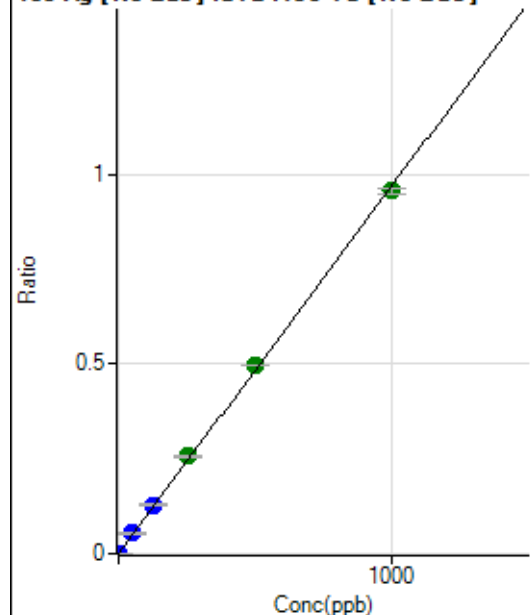
$$DL = 0.3592$$

$$BEC = 0.111$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.981	5701.45	0.0010	P	4.9
4	☐	50.000	54.987	325551.28	0.0532	P	0.8
5	☐	125.000	133.265	811995.42	0.1290	P	0.4
6	☐	250.000	265.210	1640550.95	0.2568	A	0.8
7	☐	500.000	514.235	3273164.03	0.4979	A	0.4
8	☐	1000.000	987.798	6424000.92	0.9565	A	1.5
9	☐			513.92	0.0001	P	4.7

$$y = 9.6830\text{E-}004 * x + 3.2128\text{E-}006$$

$$R = 0.9997$$

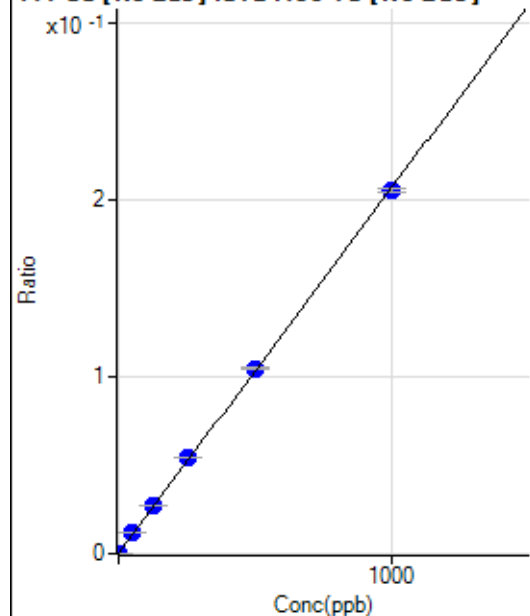
$$DL = 0.004924$$

$$BEC = 0.003318$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	665.48	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	1.074	1989.46	0.0003	P	2.0
4	☐	50.000	55.094	70374.94	0.0115	P	0.7
5	☐	125.000	132.596	173342.21	0.0275	P	0.5
6	☐	250.000	262.208	347322.57	0.0544	P	0.6
7	☐	500.000	507.185	690603.00	0.1051	P	0.2
8	☐	1000.000	992.151	1379655.61	0.2054	P	1.1
9	☐			907.16	0.0001	P	7.8

$$y = 2.0693\text{E-}004 * x + 1.0998\text{E-}004$$

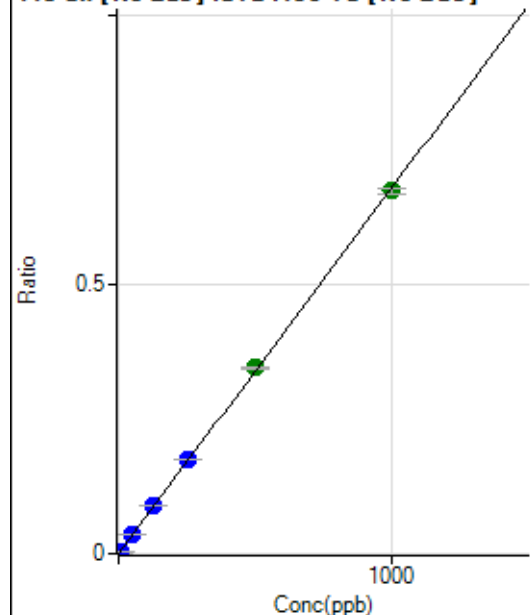
$$R = 0.9999$$

$$DL = 0.0865$$

$$BEC = 0.5315$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	452.81	0.0001	P	8.1
2	☐	0.500					
3	☐	5.000	4.833	20096.51	0.0034	P	2.0
4	☐	50.000	53.573	222987.84	0.0365	P	0.2
5	☐	125.000	130.101	556666.11	0.0885	P	0.2
6	☐	250.000	257.203	1116770.23	0.1748	P	1.2
7	☐	500.000	508.555	2271682.80	0.3456	A	0.5
8	☐	1000.000	993.106	4532176.49	0.6748	A	1.4
9	☐			4550.99	0.0007	P	4.2

$$y = 6.7940\text{E-}004 * x + 7.4830\text{E-}005$$

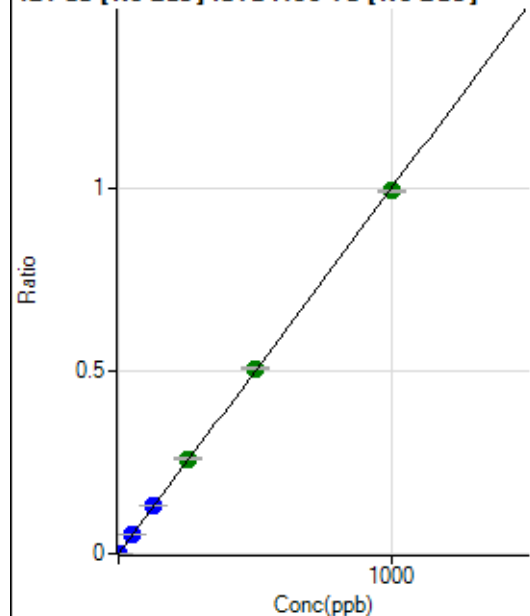
$$R = 0.9999$$

$$DL = 0.0269$$

$$BEC = 0.1101$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	34.6
2	☐	0.200					
3	☐	2.000	1.845	11096.75	0.0019	P	3.9
4	☐	50.000	53.175	324900.20	0.0531	P	0.6
5	☐	125.000	129.613	814968.94	0.1295	P	0.3
6	☐	250.000	260.057	1659949.90	0.2598	A	1.8
7	☐	500.000	507.693	3334484.80	0.5073	A	0.6
8	☐	1000.000	992.904	6663487.47	0.9921	A	0.8
9	☐			7894.34	0.0012	P	6.6

$$y = 9.9915\text{E-}004 * x + 1.1476\text{E-}005$$

$$R = 0.9999$$

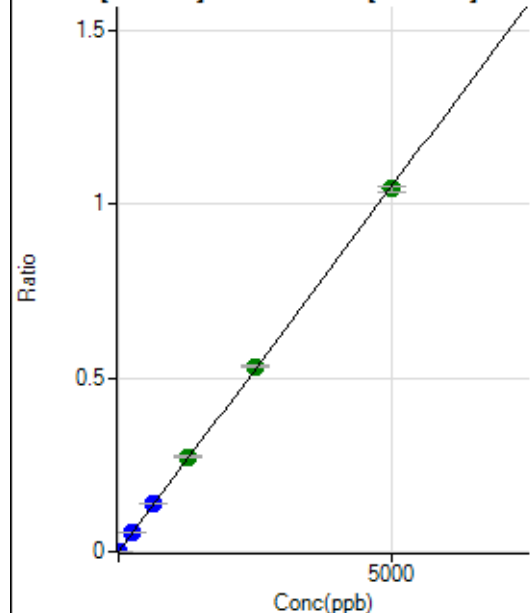
$$DL = 0.01192$$

$$BEC = 0.01149$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.46	0.0000	P	16.4
2	☐	1.000					
3	☐	10.000	9.359	11947.65	0.0020	P	3.5
4	☐	250.000	265.163	340576.76	0.0557	P	0.7
5	☐	625.000	647.833	856065.86	0.1360	P	0.1
6	☐	1250.000	1298.758	1742162.84	0.2727	A	1.0
7	☐	2500.000	2531.588	3493954.50	0.5315	A	1.1
8	☐	5000.000	4968.405	7005945.38	1.0432	A	1.8
9	☐			1941.91	0.0003	P	11.3

$$y = 2.0995\text{E-}004 * x + 3.2144\text{E-}005$$

$$R = 0.9999$$

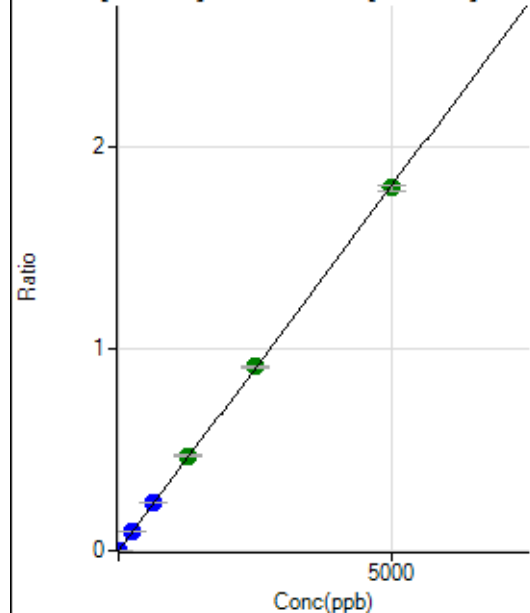
$$DL = 0.07519$$

$$BEC = 0.1531$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.58	0.0001	P	16.1
2	☐	1.000					
3	☐	10.000	9.557	21006.46	0.0035	P	1.1
4	☐	250.000	264.873	585140.68	0.0957	P	0.8
5	☐	625.000	649.506	1476240.05	0.2346	P	0.3
6	☐	1250.000	1298.841	2996524.59	0.4691	A	1.7
7	☐	2500.000	2521.241	5985083.29	0.9105	A	0.5
8	☐	5000.000	4973.363	12062455.65	1.7960	A	1.5
9	☐			3392.25	0.0005	P	4.8

$$y = 3.6111\text{E-}004 * x + 5.8777\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.07858$$

$$BEC = 0.1628$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

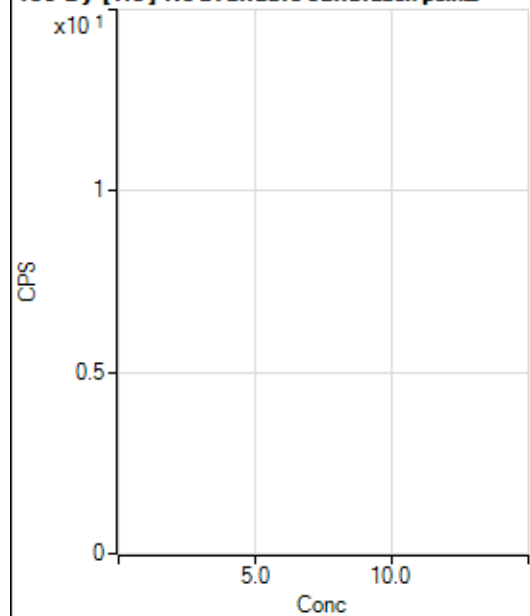
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			11.11		P	124.
4	☐			17.78		P	57.3
5	☐			57.78		P	46.6
6	☐			68.89		P	14.8
7	☐			146.68		P	20.8
8	☐			360.02		P	8.5
9	☐			95.56		P	14.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			3.33		P	0.0
6	☐			2.22		P	86.6
7	☐			8.89		P	21.6
8	☐			11.11		P	45.8
9	☐			7.78		P	49.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	86.6
2	☐						
3	☐			22.22		P	21.6
4	☐			22.22		P	21.6
5	☐			25.00		P	33.3
6	☐			41.67		P	72.1
7	☐			47.22		P	27.0
8	☐			102.78		P	12.4
9	☐			55.56		P	22.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			4.44		P	43.4
6	☐			1.11		P	173.
7	☐			10.00		P	57.7
8	☐			23.33		P	24.7
9	☐			5.55		P	69.3

160 Gd [No Gas] Noavailable calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	57.3
2	☐						
3	☐			41.67		P	0.0
4	☐			41.67		P	0.0
5	☐			69.45		P	59.2
6	☐			50.00		P	0.0
7	☐			61.12		P	34.3
8	☐			127.78		P	10.0
9	☐			75.00		P	0.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			6.67		P	0.0
4	☐			7.78		P	65.5
5	☐			5.56		P	34.7
6	☐			7.78		P	65.5
7	☐			12.22		P	56.8
8	☐			26.67		P	64.9
9	☐			10.00		P	100.

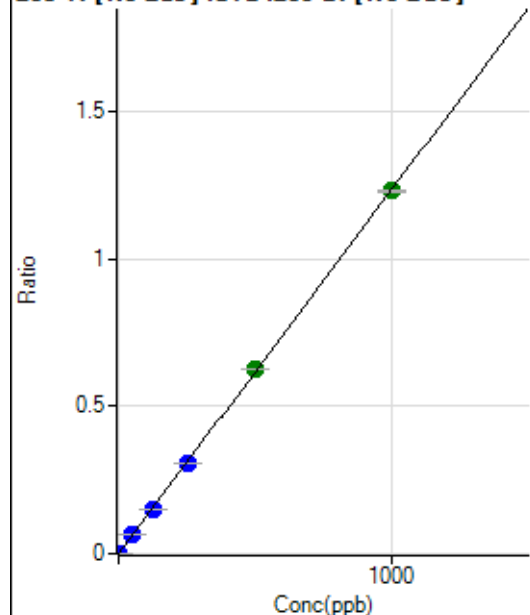
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			30.55		P	68.6
4	☐			38.89		P	44.6
5	☐			11.11		P	43.3
6	☐			44.45		P	47.2
7	☐			33.33		P	25.0
8	☐			69.45		P	18.3
9	☐			30.56		P	56.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			4.44		P	43.4
4	☐			6.67		P	50.0
5	☐			5.56		P	91.6
6	☐			2.22		P	173.
7	☐			4.44		P	43.4
8	☐			6.67		P	50.0
9	☐			10.00		P	33.3

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	61.6
2	☐	0.100					
3	☐	1.000	0.929	4400.95	0.0012	P	1.7
4	☐	50.000	50.395	239811.62	0.0623	P	0.4
5	☐	125.000	122.941	604118.21	0.1520	P	0.8
6	☐	250.000	248.064	1243973.98	0.3066	P	1.6
7	☐	500.000	506.718	2601535.91	0.6263	A	0.3
8	☐	1000.000	997.363	5274448.95	1.2328	A	0.5
9	☐			2222.53	0.0005	P	3.0

$$y = 0.0012 * x + 1.2569E-005$$

$$R = 1.0000$$

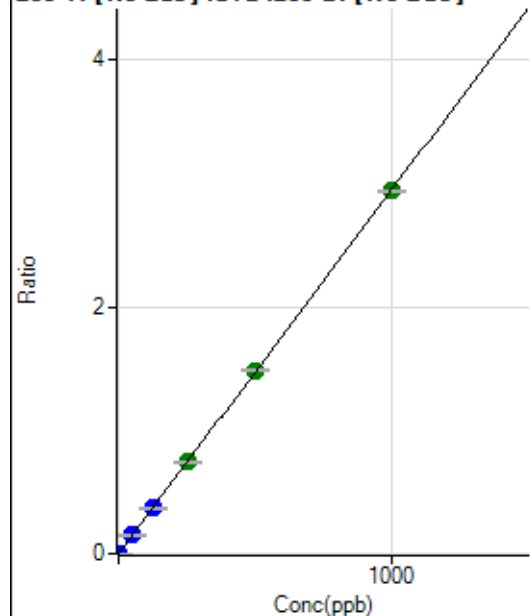
$$DL = 0.0188$$

$$BEC = 0.01017$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	0.907	10246.29	0.0027	P	4.2
4	☐	50.000	50.369	571504.32	0.1485	P	0.6
5	☐	125.000	124.405	1457541.71	0.3667	P	1.2
6	☐	250.000	252.975	3024884.44	0.7456	A	1.5
7	☐	500.000	502.951	6157115.02	1.4823	A	0.9
8	☐	1000.000	997.837	12582400.37	2.9408	A	0.5
9	☐			5301.35	0.0013	P	7.3

$$y = 0.0029 * x + 2.6672E-005$$

$$R = 1.0000$$

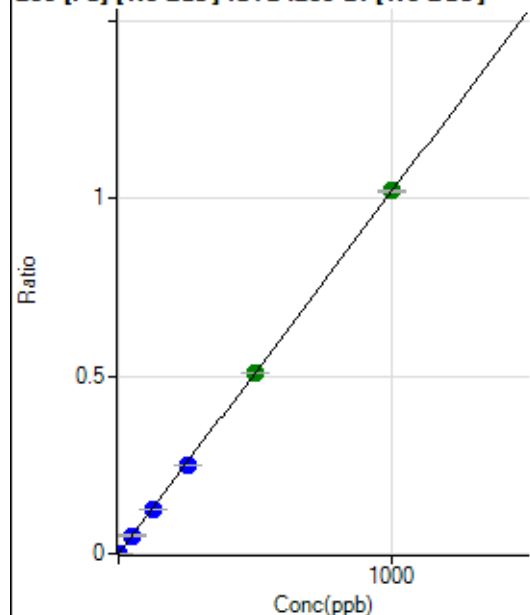
$$DL = 0.00601$$

$$BEC = 0.00905$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	255.57	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	0.910	3772.91	0.0010	P	2.3
4	☐	50.000	50.274	197375.35	0.0513	P	0.9
5	☐	125.000	123.575	500640.43	0.1259	P	0.7
6	☐	250.000	244.293	1009779.57	0.2489	P	1.6
7	☐	500.000	498.430	2109041.12	0.5077	A	0.1
8	☐	1000.000	1002.376	4368598.62	1.0210	A	0.7
9	☐			6286.92	0.0015	P	4.3

$$y = 0.0010 * x + 6.8151E-005$$

$$R = 1.0000$$

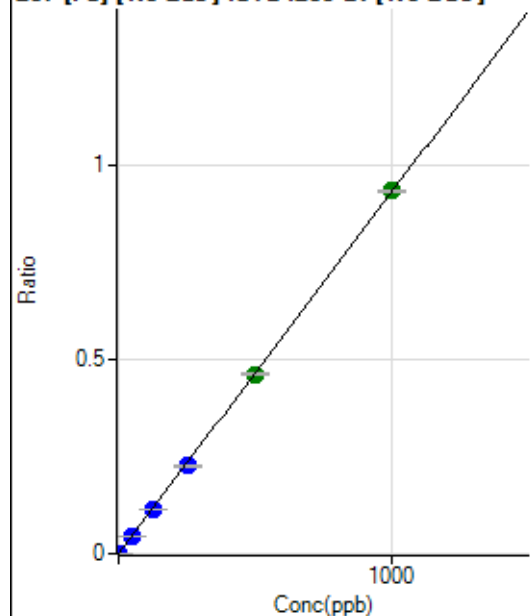
$$DL = 0.04151$$

$$BEC = 0.06691$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	255.57	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.925	3526.52	0.0009	P	3.6
4	☐	50.000	49.687	178332.51	0.0463	P	0.5
5	☐	125.000	122.022	451877.36	0.1137	P	1.0
6	☐	250.000	242.680	916949.47	0.2260	P	1.4
7	☐	500.000	496.755	1921360.40	0.4626	A	0.4
8	☐	1000.000	1003.840	3999027.87	0.9347	A	0.8
9	☐			5238.29	0.0013	P	0.5

$$y = 9.3103E-004 * x + 6.8167E-005$$

$$R = 1.0000$$

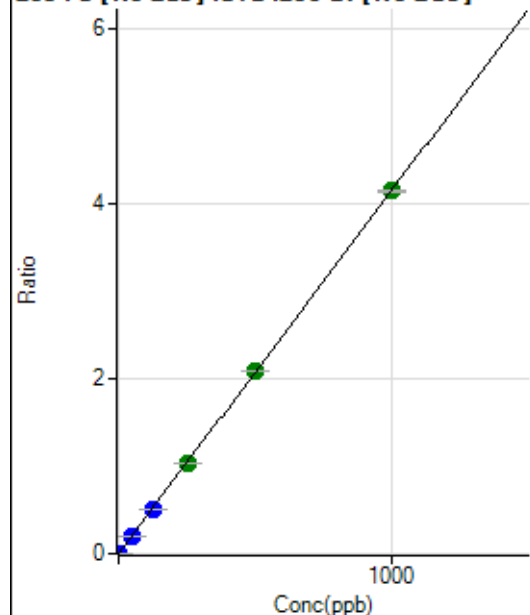
$$DL = 0.01063$$

$$BEC = 0.07322$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1118.58	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	0.924	15633.89	0.0041	P	1.9
4	☐	50.000	50.089	799536.92	0.2077	P	0.4
5	☐	125.000	123.316	2031047.16	0.5109	P	1.0
6	☐	250.000	248.112	4169506.43	1.0277	A	1.0
7	☐	500.000	502.280	8640226.28	2.0801	A	0.5
8	☐	1000.000	999.538	17709497.19	4.1392	A	0.9
9	☐			24447.02	0.0060	P	3.2

$$y = 0.0041 * x + 2.9839E-004$$

$$R = 1.0000$$

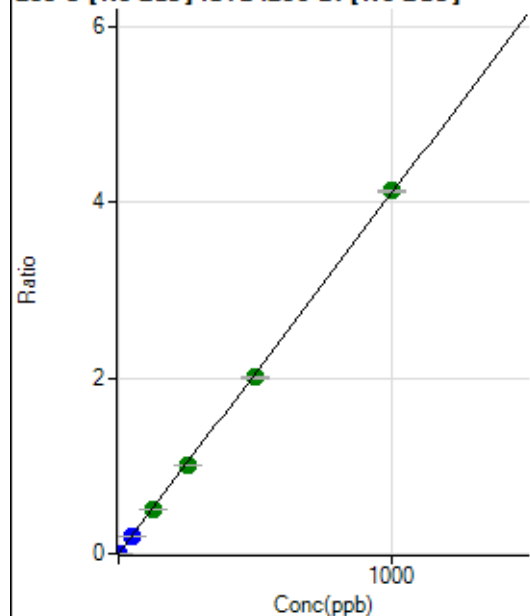
$$DL = 0.01718$$

$$BEC = 0.07206$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	9.8
2	☐	0.100					
3	☐	1.000	0.863	13455.11	0.0035	P	3.3
4	☐	50.000	48.758	769534.71	0.1999	P	0.2
5	☐	125.000	122.828	2001823.57	0.5036	A	1.3
6	☐	250.000	245.257	4079663.76	1.0055	A	1.0
7	☐	500.000	489.392	8333879.61	2.0064	A	1.4
8	☐	1000.000	1006.823	17661236.16	4.1278	A	0.9
9	☐			788.96	0.0002	P	11.9

$$y = 0.0041 * x + 1.2590E-005$$

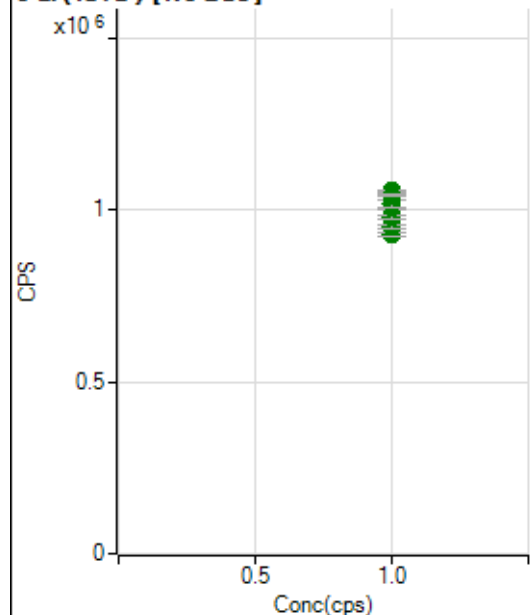
$$R = 0.9999$$

$$DL = 0.0009036$$

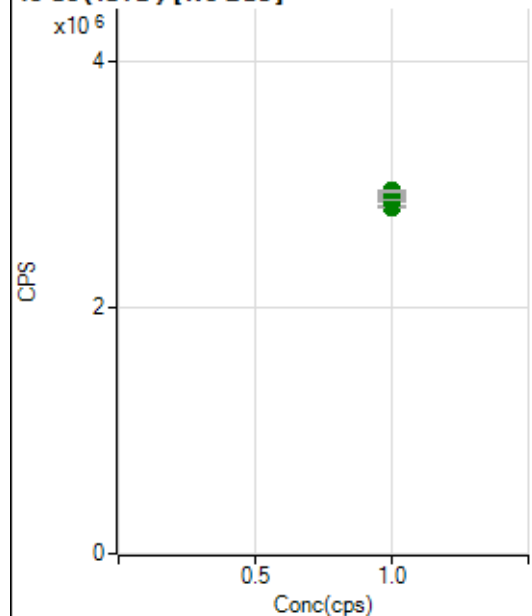
$$BEC = 0.003071$$

Weight: <None>

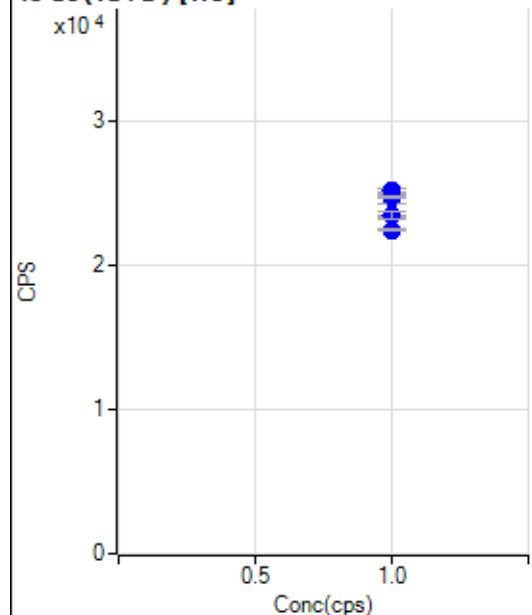
Min Conc: 0

6 Li (ISTD) [No Gas]

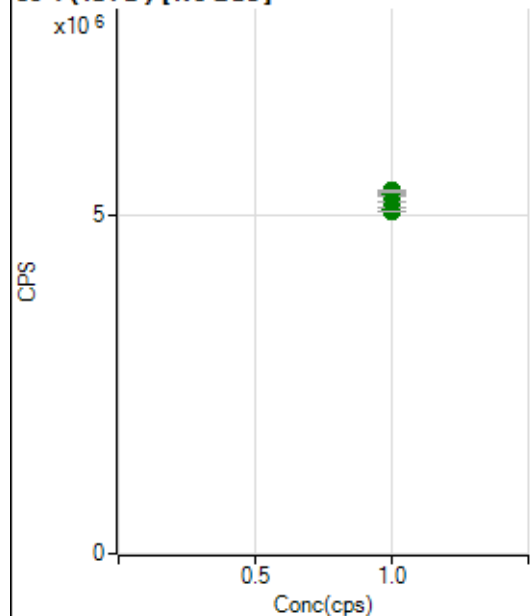
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		929291.51		A	1.4
2	☐	1.000					
3	☐	1.000		953103.48		A	1.2
4	☐	1.000		977352.10		A	1.1
5	☐	1.000		1004328.66		A	0.3
6	☐	1.000		1017799.09		A	1.8
7	☐	1.000		1052354.15		A	0.6
8	☐	1.000		1055456.76		A	0.7
9	☐	1.000		1042894.29		A	0.5

45 Sc (ISTD) [No Gas]

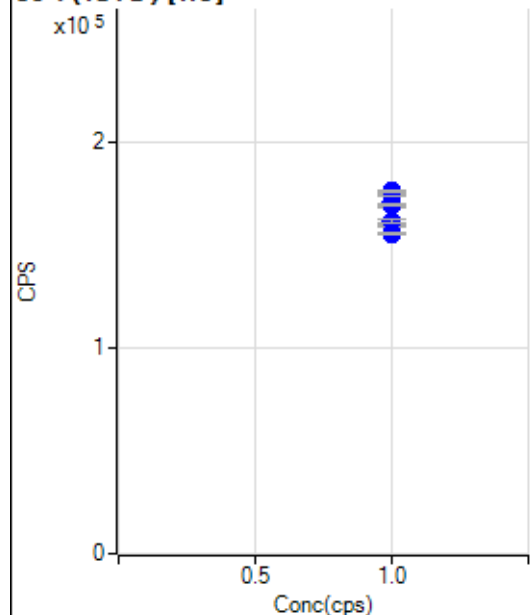
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2816095.40		A	0.4
2	☐	1.000					
3	☐	1.000		2852947.94		A	1.8
4	☐	1.000		2865035.52		A	0.5
5	☐	1.000		2907047.29		A	0.5
6	☐	1.000		2900190.39		A	1.1
7	☐	1.000		2913357.36		A	1.0
8	☐	1.000		2876235.61		A	0.1
9	☐	1.000		2946067.25		A	0.5

45 Sc (ISTD) [He]

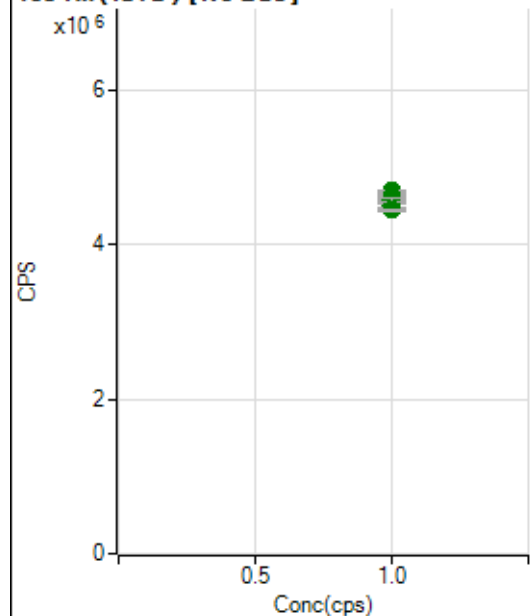
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25115.95		P	1.5
2	☐	1.000					
3	☐	1.000		24877.78		P	0.8
4	☐	1.000		24970.15		P	0.9
5	☐	1.000		24589.61		P	3.2
6	☐	1.000		24721.96		P	0.7
7	☐	1.000		23403.03		P	0.5
8	☐	1.000		22421.41		P	0.9
9	☐	1.000		23456.50		P	2.5

89 Y (ISTD) [No Gas]

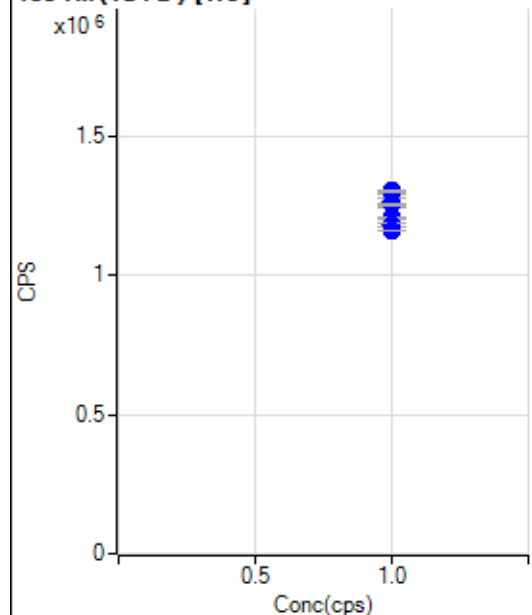
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5062408.60		A	0.2
2	☐	1.000					
3	☐	1.000		5087643.43		A	1.5
4	☐	1.000		5196835.51		A	0.4
5	☐	1.000		5279713.43		A	0.2
6	☐	1.000		5307993.67		A	0.9
7	☐	1.000		5306219.89		A	0.3
8	☐	1.000		5316275.51		A	0.7
9	☐	1.000		5362508.60		A	0.8

89 Y(ISTD) [He]

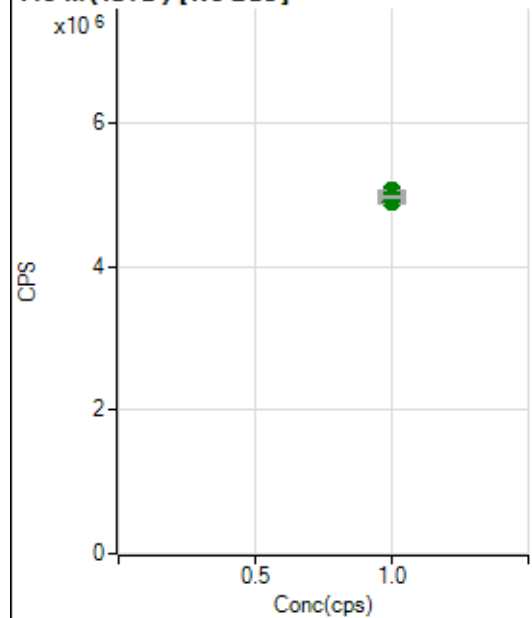
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		175284.07		P	0.5
2	☐	1.000					
3	☐	1.000		176350.85		P	0.9
4	☐	1.000		176459.21		P	0.8
5	☐	1.000		170985.82		P	3.5
6	☐	1.000		169569.18		P	0.5
7	☐	1.000		159396.15		P	0.5
8	☐	1.000		155478.58		P	0.6
9	☐	1.000		161770.58		P	0.6

103 Rh(ISTD) [No Gas]

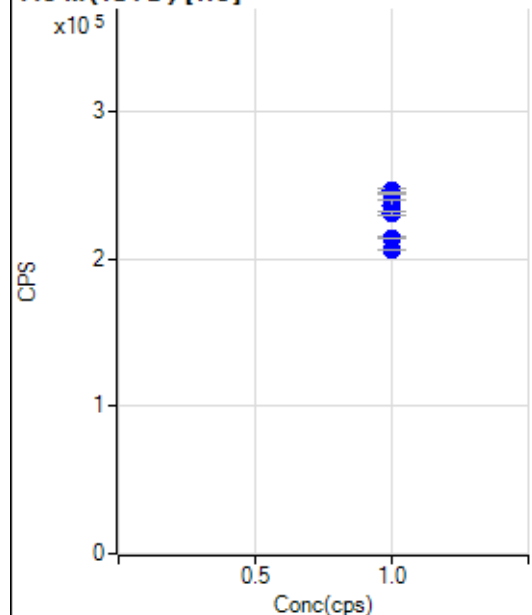
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4517425.92		A	1.2
2	☐	1.000					
3	☐	1.000		4577747.72		A	1.2
4	☐	1.000		4567797.06		A	1.2
5	☐	1.000		4700796.42		A	0.3
6	☐	1.000		4642852.36		A	0.4
7	☐	1.000		4635614.64		A	0.3
8	☐	1.000		4581403.31		A	1.3
9	☐	1.000		4451691.63		A	0.3

103 Rh (ISTD) [He]

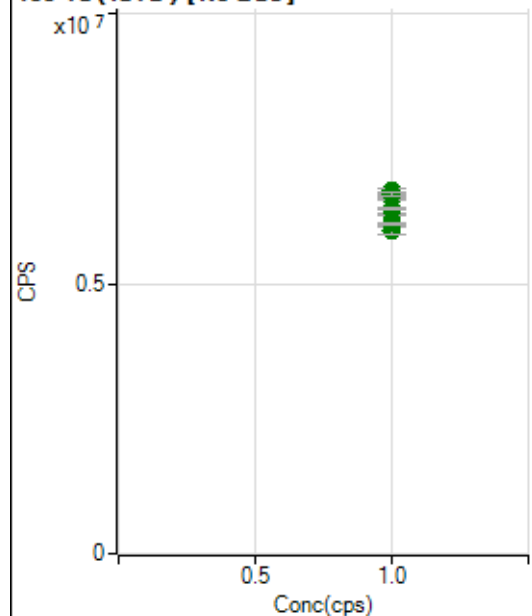
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1296186.14		P	0.3
2	☐	1.000					
3	☐	1.000		1303910.64		P	0.8
4	☐	1.000		1305121.22		P	0.3
5	☐	1.000		1263347.49		P	2.9
6	☐	1.000		1255937.51		P	0.5
7	☐	1.000		1207419.06		P	0.7
8	☐	1.000		1183647.73		P	0.8
9	☐	1.000		1162276.65		P	0.4

115 In (ISTD) [No Gas]

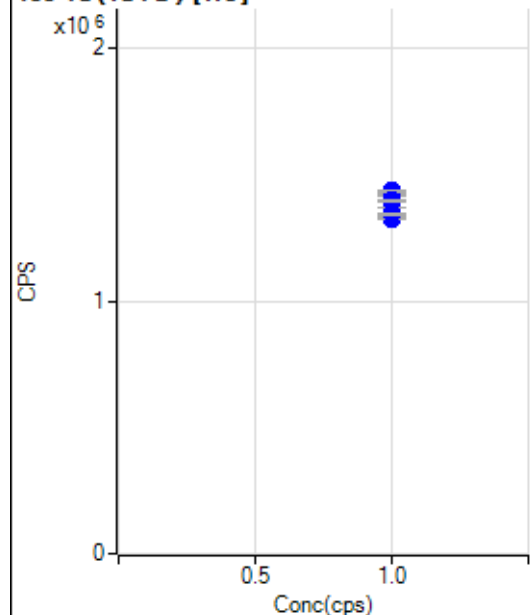
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4915710.12		A	1.0
2	☐	1.000					
3	☐	1.000		4903820.26		A	1.6
4	☐	1.000		4954856.67		A	1.3
5	☐	1.000		5046998.80		A	0.2
6	☐	1.000		5049429.77		A	0.7
7	☐	1.000		5055025.07		A	0.2
8	☐	1.000		4959673.46		A	1.7
9	☐	1.000		4960713.39		A	0.5

115 In (ISTD) [He]

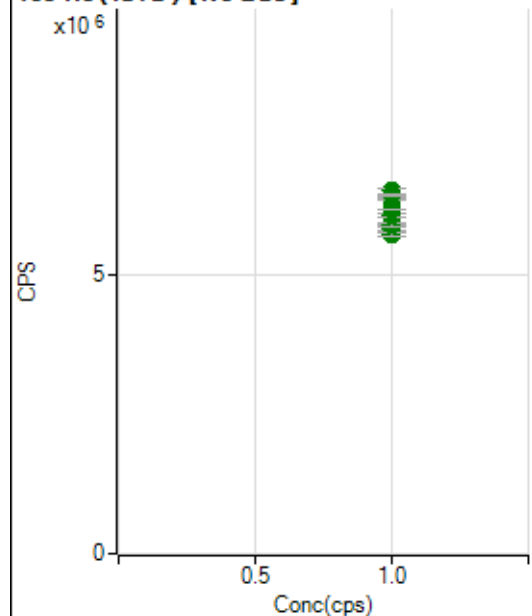
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		245147.55		P	0.4
2	☐	1.000					
3	☐	1.000		246210.30		P	1.1
4	☐	1.000		244192.85		P	0.5
5	☐	1.000		235635.92		P	3.4
6	☐	1.000		231203.87		P	1.0
7	☐	1.000		214648.29		P	0.5
8	☐	1.000		205878.29		P	0.3
9	☐	1.000		214126.59		P	0.3

159 Tb (ISTD) [No Gas]

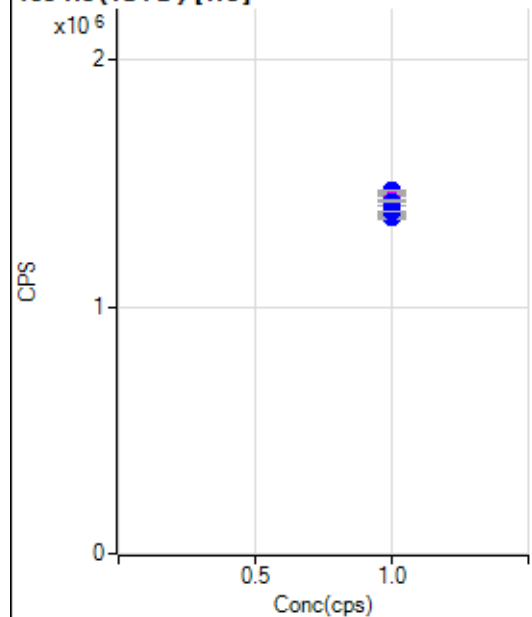
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6050627.97		A	0.2
2	☐	1.000					
3	☐	1.000		5985849.21		A	2.2
4	☐	1.000		6113943.45		A	0.4
5	☐	1.000		6292455.74		A	0.3
6	☐	1.000		6388557.96		A	0.8
7	☐	1.000		6573434.00		A	0.5
8	☐	1.000		6717233.23		A	1.5
9	☐	1.000		6648020.46		A	0.9

159 Tb (ISTD) [He]

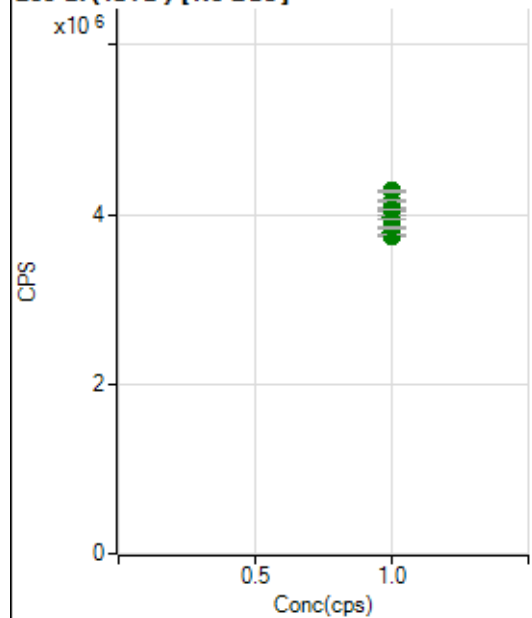
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1428416.02		P	0.1
2	☐	1.000					
3	☐	1.000		1428294.84		P	0.7
4	☐	1.000		1435798.96		P	0.5
5	☐	1.000		1392808.87		P	3.3
6	☐	1.000		1397595.64		P	0.5
7	☐	1.000		1337861.89		P	0.9
8	☐	1.000		1325233.96		P	0.6
9	☐	1.000		1344448.77		P	0.2

165 Ho (ISTD) [No Gas]

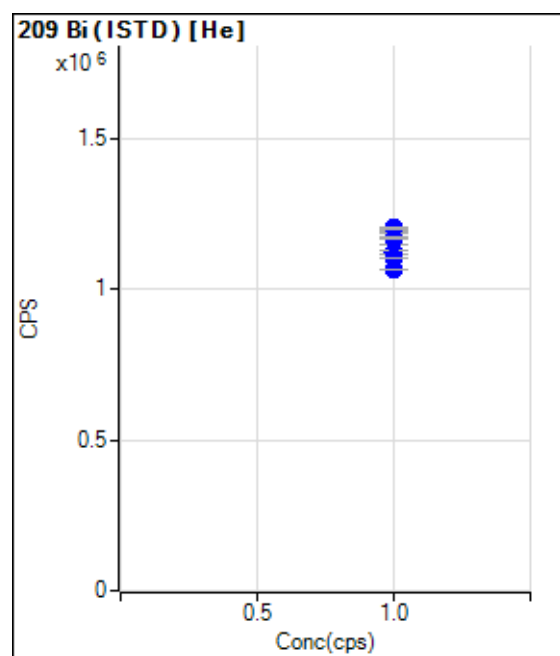
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5829793.27		A	1.3
2	☐	1.000					
3	☐	1.000		5720060.76		A	1.2
4	☐	1.000		5890682.34		A	1.2
5	☐	1.000		6059725.87		A	0.9
6	☐	1.000		6158192.63		A	0.4
7	☐	1.000		6345349.66		A	0.5
8	☐	1.000		6491928.14		A	1.5
9	☐	1.000		6418651.71		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1452715.20		P	0.5
2	☐	1.000					
3	☐	1.000		1461200.43		P	0.6
4	☐	1.000		1468409.68		P	0.5
5	☐	1.000		1431677.31		M	3.0
6	☐	1.000		1427696.30		P	0.6
7	☐	1.000		1374822.65		P	0.4
8	☐	1.000		1361174.03		P	0.7
9	☐	1.000		1386290.00		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3749746.79		A	0.5
2	☐	1.000					
3	☐	1.000		3791740.46		A	1.9
4	☐	1.000		3849332.51		A	0.5
5	☐	1.000		3975496.02		A	1.0
6	☐	1.000		4057484.83		A	1.0
7	☐	1.000		4153738.13		A	0.5
8	☐	1.000		4278698.44		A	0.7
9	☐	1.000		4057734.18		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1195836.41		P	0.0
2	☐	1.000					
3	☐	1.000		1203355.77		P	0.1
4	☐	1.000		1202587.82		P	0.4
5	☐	1.000		1166525.04		P	3.1
6	☐	1.000		1169362.66		P	0.7
7	☐	1.000		1121843.11		P	0.7
8	☐	1.000		1102088.36		P	0.3
9	☐	1.000		1065906.16		P	0.2

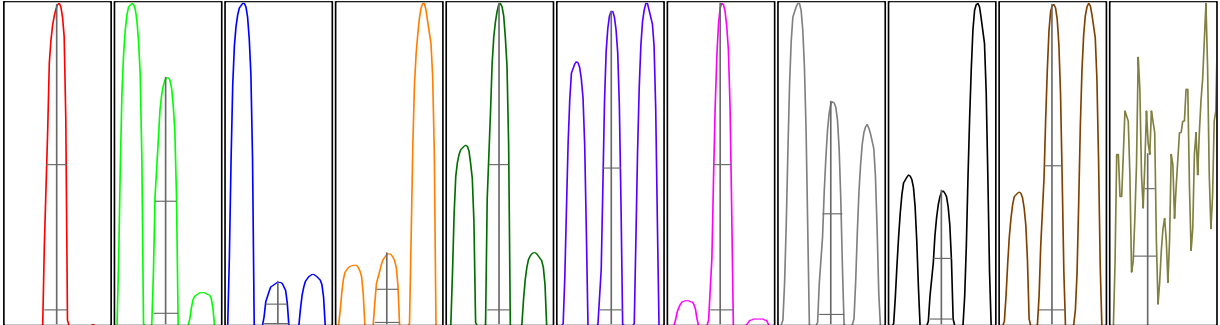
US EPA Tune Check Sample Report

Batch Folder D:\P8102717-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3780	1.29	5.00	
24	18566	1.15	5.00	
25	2538	1.13	5.00	
26	3036	1.44	5.00	
59	42270	1.30	5.00	
113	5662	0.87	5.00	
115	73756	1.19	5.00	
206	15062	1.25	5.00	
207	13452	1.22	5.00	
208	32291	0.92	5.00	
220	1	23.08		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3811	3792	3712	3834	3749
24	18801	18575	18227	18675	18552
25	2549	2539	2488	2559	2554
26	3056	3039	2960	3065	3059
59	42596	42309	41363	42788	42295
113	5668	5680	5590	5724	5645
115	74309	74487	73171	74312	72503
206	15033	15144	14755	15248	15128
207	13539	13447	13186	13622	13465
208	32465	32180	31822	32564	32425
220	1	1	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6748	9.00	8.9 - 9.1		0.688	0.900	
24	32145	23.95	23.9 - 24.1		0.734	0.900	
25	4313	25.00	24.9 - 25.1		0.734	0.900	
26	5120	25.95	25.9 - 26.1		0.738	0.900	
59	75588	59.00	58.9 - 59.1		0.690	0.900	
113	11169	113.05	112.9 - 113.1		0.681	0.900	
115	146909	115.00	114.9 - 115.1		0.685	0.900	
206	29109	206.00	205.9 - 206.1		0.731	0.900	
207	26067	207.00	206.9 - 207.1		0.700	0.900	
208	62344	208.00	207.9 - 208.1		0.759	0.900	
220	1	219.60	-		0.656		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	14.4	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5567	1.34	
89	1346	2.64	
205	8206	1.81	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5642	5621	5571	5551	5451
89	1399	1358	1335	1337	1302
205	8372	8270	8223	8193	7970

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	2.4	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	1.24	-2.38	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	0.02	-0.05	0.00	N/A	ppb
Barium	135-1	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	137-1	0.02	-0.03	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.11	0.16	-0.05	0.00	N/A	ppb
Boron	11-1	-0.08	-0.20	0.28	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.28	0.09	0.18	0.00	N/A	ppb
Cadmium	108-1	0.13	-0.11	-0.02	0.00	N/A	ppb
Calcium	43-1	-2.90	3.11	-0.21	0.00	N/A	ppb
Calcium	44-1	0.88	-1.30	0.42	0.00	N/A	ppb
Chromium	52-2	0.08	-0.03	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.05	-0.13	0.08	0.00	N/A	ppb
Iron	57-2	-0.02	1.62	-1.60	0.00	N/A	ppb
Lead	206-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.24	-0.06	-0.18	0.00	N/A	ppb
Manganese	55-2	-0.01	0.03	-0.01	0.00	N/A	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.56	-12.56	12.26	-4.29		ppb
Potassium	39-2	-15.28	38.80	-23.52	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-2.02	2.01	0.00	N/A	ppb
Selenium	82-1	0.39	-0.45	0.06	0.00	N/A	ppb
Silicon	28-1	-0.21	1.29	-1.08	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.44	0.97	-2.41	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	66.84	66.61	-62.42	23.67	314.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.14	0.06	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.89	13.47	15.53	15.96	17.14	ppb
Antimony	121-1	1.83	1.78	1.93	1.84	3.97	ppb
Arsenic	75-2	1.22	0.94	1.08	1.08	13.03	ppb
Barium	135-1	9.24	9.10	9.73	9.36	3.52	ppb
Barium	137-1	9.54	9.46	9.67	9.56	1.09	ppb
Beryllium	9-1	1.05	1.13	1.04	1.07	4.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.05	23.75	23.27	23.36	1.53	ppb
Boron	11-1	21.89	23.10	24.27	23.09	5.16	ppb
Cadmium	111-1	1.09	1.09	1.04	1.07	2.93	ppb
Cadmium	106-1	1.71	2.01	2.14	1.95	11.28	ppb
Cadmium	108-1	1.42	0.69	0.97	1.03	35.56	ppb
Calcium	43-1	452.84	439.42	459.96	450.74	2.31	ppb
Calcium	44-1	452.94	434.24	465.53	450.90	3.49	ppb
Chromium	52-2	2.05	1.90	2.00	1.98	3.89	ppb
Cobalt	59-2	0.94	0.92	0.93	0.93	1.12	ppb
Copper	63-2	1.73	1.84	1.82	1.80	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.73	45.34	46.18	46.08	1.52	ppb
Iron	57-2	44.62	35.04	45.06	41.57	13.63	ppb
Lead	206-1	0.93	0.89	0.90	0.91	2.46	ppb
Lead	207-1	0.97	0.91	0.90	0.93	3.91	ppb
Lead	208-1	0.93	0.90	0.94	0.92	2.08	ppb
Lithium	6-1						%
Magnesium	24-2	445.25	466.70	454.19	455.38	2.37	ppb
Manganese	55-2	1.05	1.06	1.08	1.07	1.37	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	1.99	1.99	1.99	0.18	ppb
Molybdenum	95-1	4.57	4.57	4.68	4.61	1.42	ppb
Molybdenum	96-1	4.03	4.06	3.98	4.02	1.03	ppb
Molybdenum	97-1	4.27	4.34	4.35	4.32	1.04	ppb
Molybdenum	98-1	4.44	4.34	4.66	4.48	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.93	1.06	1.01	7.57	ppb
Phosphorus	31-2	-12.56	37.98	-12.56	4.29	680.82	ppb
Potassium	39-2	439.00	453.73	508.09	466.94	7.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.62	5.99	5.99	11.86	85.79	ppb
Selenium	78-2	2.96	3.03	3.03	3.01	1.43	ppb
Selenium	82-1	4.98	5.66	6.75	5.80	15.41	ppb
Silicon	28-1	15.69	11.18	21.18	16.02	31.28	ppb
Silver	109-1	0.96	0.95	1.04	0.98	4.89	ppb
Silver	107-1	1.07	1.00	0.98	1.02	4.68	ppb
Sodium	23-2	462.18	466.34	474.52	467.68	1.34	ppb
Strontium	86-1	0.77	0.86	0.93	0.85	9.33	ppb
Strontium	88-1	0.89	0.89	0.96	0.91	4.09	ppb
Sulfur	34-1	-68.26	-408.98	406.22	-23.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.95	0.92	0.93	1.69	ppb
Thallium	205-1	0.94	0.92	0.86	0.91	4.23	ppb
Tin	118-1	4.74	4.81	4.94	4.83	2.02	ppb
Titanium	47-1	4.49	4.42	3.95	4.29	6.83	ppb
Uranium	238-1	0.83	0.86	0.89	0.86	3.35	ppb
Vanadium	51-2	4.87	4.55	4.30	4.57	6.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.08	2.10	2.42	2.20	8.69	ppb
Zirconium	90-1	0.86	0.86	0.90	0.88	2.68	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.89	0.88	0.90	2.37	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1019.23	1008.99	1087.04	1038.42	4.08	ppb
Antimony	121-1	52.90	53.13	53.49	53.18	0.56	ppb
Arsenic	75-2	49.62	49.79	50.37	49.93	0.79	ppb
Barium	135-1	266.78	265.45	263.26	265.16	0.67	ppb
Barium	137-1	263.57	263.77	267.28	264.87	0.79	ppb
Beryllium	9-1	55.57	55.17	56.95	55.90	1.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.36	51.82	54.35	52.84	2.53	ppb
Boron	11-1	49.93	51.91	53.82	51.89	3.75	ppb
Cadmium	111-1	55.08	55.47	54.73	55.09	0.68	ppb
Cadmium	106-1	54.95	58.59	53.39	55.64	4.80	ppb
Cadmium	108-1	54.48	53.62	52.47	53.53	1.88	ppb
Calcium	43-1	5117.93	5062.87	5076.38	5085.72	0.56	ppb
Calcium	44-1	5020.13	5046.99	5061.35	5042.82	0.41	ppb
Chromium	52-2	50.15	50.93	52.09	51.06	1.91	ppb
Cobalt	59-2	50.42	50.84	51.54	50.93	1.11	ppb
Copper	63-2	100.25	102.46	101.62	101.44	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2587.96	2616.92	2618.32	2607.73	0.66	ppb
Iron	57-2	2542.35	2573.99	2596.39	2570.91	1.06	ppb
Lead	206-1	50.55	50.51	49.77	50.27	0.87	ppb
Lead	207-1	49.91	49.71	49.44	49.69	0.48	ppb
Lead	208-1	50.22	50.18	49.86	50.09	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	5116.07	5215.91	5158.71	5163.56	0.97	ppb
Manganese	55-2	100.01	103.59	103.95	102.52	2.12	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.38	50.88	49.98	50.41	0.90	ppb
Molybdenum	95-1	50.42	49.28	50.21	49.97	1.21	ppb
Molybdenum	96-1	49.56	50.18	49.55	49.76	0.72	ppb
Molybdenum	97-1	50.03	49.97	48.89	49.63	1.29	ppb
Molybdenum	98-1	48.86	49.99	48.98	49.27	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.40	50.57	52.01	50.99	1.74	ppb
Phosphorus	31-2	766.57	1001.77	1061.55	943.30	16.53	ppb
Potassium	39-2	2623.29	2768.30	2737.33	2709.64	2.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	65.75	29.53	12.01	35.76	76.64	ppb
Selenium	78-2	51.37	47.73	57.65	52.25	9.60	ppb
Selenium	82-1	53.29	53.76	53.60	53.55	0.45	ppb
Silicon	28-1	70.17	71.34	72.01	71.17	1.30	ppb
Silver	109-1	55.32	54.52	55.12	54.99	0.76	ppb
Silver	107-1	55.14	54.64	55.10	54.96	0.50	ppb
Sodium	23-2	5108.55	5223.22	5311.33	5214.37	1.95	ppb
Strontium	86-1	51.37	51.67	50.73	51.26	0.93	ppb
Strontium	88-1	51.74	51.37	51.06	51.39	0.66	ppb
Sulfur	34-1	1408.73	1393.52	1403.38	1401.88	0.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.14	50.53	50.51	50.39	0.44	ppb
Thallium	205-1	50.08	50.34	50.69	50.37	0.61	ppb
Tin	118-1	53.46	53.60	53.65	53.57	0.18	ppb
Titanium	47-1	51.31	52.07	51.84	51.74	0.75	ppb
Uranium	238-1	48.82	48.66	48.79	48.76	0.17	ppb
Vanadium	51-2	50.40	51.78	50.82	51.00	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	100.54	99.83	104.41	101.60	2.43	ppb
Zirconium	90-1	50.00	50.28	50.12	50.13	0.29	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.16	50.19	49.91	50.09	0.31	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2390.01	2627.74	2595.40	2537.72	5.08	ppb
Antimony	121-1	129.31	130.01	129.52	129.61	0.28	ppb
Arsenic	75-2	121.35	134.77	122.55	126.22	5.88	ppb
Barium	135-1	648.17	647.84	647.49	647.83	0.05	ppb
Barium	137-1	648.72	648.34	651.46	649.51	0.26	ppb
Beryllium	9-1	136.33	137.37	137.03	136.91	0.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	125.30	132.02	133.83	130.39	3.45	ppb
Boron	11-1	126.98	127.81	130.55	128.44	1.45	ppb
Cadmium	111-1	133.12	131.88	132.79	132.60	0.48	ppb
Cadmium	106-1	134.41	130.10	130.51	131.68	1.81	ppb
Cadmium	108-1	133.63	131.59	136.75	133.99	1.94	ppb
Calcium	43-1	12401.64	12659.61	12501.72	12520.99	1.04	ppb
Calcium	44-1	12524.32	12784.54	12446.68	12585.18	1.41	ppb
Chromium	52-2	123.93	132.58	127.28	127.93	3.41	ppb
Cobalt	59-2	123.10	132.24	126.21	127.18	3.66	ppb
Copper	63-2	244.24	258.69	250.84	251.26	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6396.83	6795.69	6587.91	6593.48	3.03	ppb
Iron	57-2	6281.28	6604.32	6479.97	6455.19	2.52	ppb
Lead	206-1	123.37	122.87	124.48	123.57	0.67	ppb
Lead	207-1	121.13	121.53	123.40	122.02	1.00	ppb
Lead	208-1	122.87	122.43	124.65	123.32	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	12548.40	13208.91	12965.65	12907.66	2.59	ppb
Manganese	55-2	252.11	262.38	258.46	257.65	2.01	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.47	123.92	123.43	123.61	0.22	ppb
Molybdenum	95-1	123.26	123.80	124.77	123.95	0.62	ppb
Molybdenum	96-1	123.57	123.87	123.96	123.80	0.17	ppb
Molybdenum	97-1	123.22	124.12	123.59	123.65	0.37	ppb
Molybdenum	98-1	121.99	123.00	122.22	122.40	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.14	131.84	127.94	128.31	2.62	ppb
Phosphorus	31-2	2730.67	3204.31	2796.25	2910.41	8.82	ppb
Potassium	39-2	6401.65	6907.04	6533.56	6614.08	3.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	83.82	134.53	151.92	123.42	28.67	ppb
Selenium	78-2	118.05	143.74	136.23	132.68	9.95	ppb
Selenium	82-1	126.90	127.52	129.03	127.82	0.86	ppb
Silicon	28-1	174.28	181.97	177.85	178.03	2.16	ppb
Silver	109-1	133.95	132.89	132.95	133.27	0.45	ppb
Silver	107-1	133.48	133.42	133.80	133.57	0.15	ppb
Sodium	23-2	12629.36	13497.82	13037.66	13054.95	3.33	ppb
Strontium	86-1	124.04	125.38	126.45	125.29	0.97	ppb
Strontium	88-1	128.15	129.21	130.04	129.14	0.74	ppb
Sulfur	34-1	3153.43	3129.51	3005.60	3096.18	2.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.62	122.18	124.03	122.94	0.79	ppb
Thallium	205-1	123.33	123.72	126.17	124.40	1.24	ppb
Tin	118-1	130.36	129.82	130.13	130.10	0.21	ppb
Titanium	47-1	125.77	126.17	125.34	125.76	0.33	ppb
Uranium	238-1	121.15	122.86	124.47	122.83	1.35	ppb
Vanadium	51-2	123.43	132.52	127.65	127.87	3.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	244.94	261.59	252.27	252.94	3.30	ppb
Zirconium	90-1	124.10	124.79	124.47	124.46	0.28	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.14	123.45	125.90	124.16	1.22	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5044.31	4954.34	4972.95	4990.53	0.95	ppb
Antimony	121-1	255.75	265.18	259.24	260.06	1.83	ppb
Arsenic	75-2	250.70	255.58	250.44	252.24	1.15	ppb
Barium	135-1	1287.56	1312.05	1296.66	1298.76	0.95	ppb
Barium	137-1	1273.01	1314.46	1309.05	1298.84	1.74	ppb
Beryllium	9-1	264.58	263.18	274.74	267.50	2.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.99	248.57	261.82	251.13	3.85	ppb
Boron	11-1	248.07	248.70	261.35	252.71	2.97	ppb
Cadmium	111-1	260.67	262.20	263.75	262.21	0.59	ppb
Cadmium	106-1	261.06	265.28	256.47	260.93	1.69	ppb
Cadmium	108-1	259.70	262.08	259.26	260.35	0.58	ppb
Calcium	43-1	25107.18	25290.07	24928.40	25108.55	0.72	ppb
Calcium	44-1	24591.43	25077.27	24828.70	24832.46	0.98	ppb
Chromium	52-2	248.96	247.92	247.39	248.09	0.32	ppb
Cobalt	59-2	252.41	249.14	245.91	249.16	1.30	ppb
Copper	63-2	492.34	488.94	487.75	489.68	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12861.46	12724.72	12634.87	12740.35	0.90	ppb
Iron	57-2	12641.25	12647.92	12374.76	12554.64	1.24	ppb
Lead	206-1	241.35	248.64	242.89	244.29	1.57	ppb
Lead	207-1	239.23	245.79	243.02	242.68	1.36	ppb
Lead	208-1	245.47	250.34	248.52	248.11	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	25481.86	25011.39	25122.64	25205.30	0.98	ppb
Manganese	55-2	499.74	499.87	495.66	498.42	0.48	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	243.96	248.07	248.44	246.82	1.01	ppb
Molybdenum	95-1	245.23	247.88	245.75	246.29	0.57	ppb
Molybdenum	96-1	245.93	244.58	245.71	245.40	0.30	ppb
Molybdenum	97-1	245.13	248.74	251.13	248.33	1.22	ppb
Molybdenum	98-1	242.13	244.63	243.50	243.42	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.29	247.54	248.60	248.81	0.56	ppb
Phosphorus	31-2	5985.30	4557.69	5273.55	5272.18	13.54	ppb
Potassium	39-2	12946.78	12705.45	12690.49	12780.91	1.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	198.22	249.51	240.89	229.54	11.96	ppb
Selenium	78-2	262.11	216.64	257.19	245.31	10.17	ppb
Selenium	82-1	252.91	253.01	256.96	254.29	0.91	ppb
Silicon	28-1	272.54	275.88	274.33	274.25	0.61	ppb
Silver	109-1	262.87	266.47	266.29	265.21	0.77	ppb
Silver	107-1	263.49	266.34	266.42	265.42	0.63	ppb
Sodium	23-2	26129.51	26022.69	25714.13	25955.44	0.83	ppb
Strontium	86-1	243.97	248.31	246.87	246.38	0.90	ppb
Strontium	88-1	249.13	253.92	251.21	251.42	0.96	ppb
Sulfur	34-1	5447.75	5794.17	5580.20	5607.38	3.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	244.40	252.11	247.68	248.06	1.56	ppb
Thallium	205-1	250.99	257.22	250.72	252.97	1.45	ppb
Tin	118-1	253.65	258.60	259.36	257.20	1.20	ppb
Titanium	47-1	253.88	254.14	250.91	252.98	0.71	ppb
Uranium	238-1	242.52	247.50	245.76	245.26	1.03	ppb
Vanadium	51-2	251.13	249.36	248.36	249.62	0.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	488.83	488.63	491.75	489.74	0.36	ppb
Zirconium	90-1	250.47	251.70	253.20	251.79	0.54	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:22:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.91	246.39	246.81	246.70	0.11	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:25:28 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10169.24	10231.48	9622.69	10007.80	3.35	ppb
Antimony	121-1	505.32	506.86	510.90	507.69	0.57	ppb
Arsenic	75-2	512.12	501.04	506.92	506.69	1.09	ppb
Barium	135-1	2527.21	2506.79	2560.77	2531.59	1.08	ppb
Barium	137-1	2518.54	2509.34	2535.84	2521.24	0.53	ppb
Beryllium	9-1	509.51	510.34	510.98	510.28	0.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.14	508.61	497.50	498.08	2.06	ppb
Boron	11-1	487.28	504.90	506.18	499.45	2.12	ppb
Cadmium	111-1	506.54	506.48	508.53	507.18	0.23	ppb
Cadmium	106-1	506.50	500.47	506.93	504.63	0.72	ppb
Cadmium	108-1	507.36	498.21	490.15	498.57	1.73	ppb
Calcium	43-1	48921.16	50121.07	49377.78	49473.34	1.22	ppb
Calcium	44-1	48285.37	49813.32	49309.81	49136.16	1.58	ppb
Chromium	52-2	500.34	495.67	496.99	497.67	0.48	ppb
Cobalt	59-2	500.14	499.21	498.26	499.20	0.19	ppb
Copper	63-2	990.06	983.82	995.23	989.70	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25375.87	25436.39	25358.87	25390.38	0.16	ppb
Iron	57-2	25336.04	25348.61	25019.51	25234.72	0.74	ppb
Lead	206-1	497.78	499.17	498.34	498.43	0.14	ppb
Lead	207-1	494.96	496.50	498.81	496.76	0.39	ppb
Lead	208-1	499.32	504.24	503.28	502.28	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	50467.27	50091.76	50522.29	50360.44	0.47	ppb
Manganese	55-2	1009.02	993.25	995.42	999.23	0.86	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:25:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.03	495.69	497.34	499.02	0.89	ppb
Molybdenum	95-1	489.01	497.83	495.49	494.11	0.92	ppb
Molybdenum	96-1	497.08	500.16	494.87	497.37	0.53	ppb
Molybdenum	97-1	492.52	490.88	495.06	492.82	0.43	ppb
Molybdenum	98-1	502.64	502.32	496.26	500.40	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.70	497.35	498.53	499.53	0.56	ppb
Phosphorus	31-2	10677.65	9771.41	9946.05	10131.71	4.75	ppb
Potassium	39-2	25675.79	24936.91	25111.87	25241.52	1.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	397.86	558.07	521.39	492.44	17.04	ppb
Selenium	78-2	527.71	491.51	515.23	511.48	3.60	ppb
Selenium	82-1	493.14	505.06	499.23	499.14	1.19	ppb
Silicon	28-1	525.72	533.68	528.03	529.14	0.77	ppb
Silver	109-1	512.29	516.10	514.32	514.23	0.37	ppb
Silver	107-1	512.87	507.86	512.26	511.00	0.54	ppb
Sodium	23-2	52122.88	51264.49	51282.39	51556.59	0.95	ppb
Strontium	86-1	490.92	492.24	493.64	492.26	0.28	ppb
Strontium	88-1	492.62	494.20	495.56	494.12	0.30	ppb
Sulfur	34-1	9413.83	9797.04	9526.78	9579.22	2.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.11	507.24	504.80	506.72	0.34	ppb
Thallium	205-1	499.73	501.08	508.05	502.95	0.89	ppb
Tin	118-1	510.71	505.61	509.35	508.55	0.52	ppb
Titanium	47-1	491.71	499.79	497.83	496.44	0.85	ppb
Uranium	238-1	489.44	496.20	482.54	489.39	1.40	ppb
Vanadium	51-2	501.53	500.01	498.65	500.06	0.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	995.98	994.82	1003.37	998.06	0.46	ppb
Zirconium	90-1	497.73	503.26	491.94	497.64	1.14	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:25:28	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.04	490.37	488.97	491.13	0.53	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:28:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19027.52	19615.41	19449.34	19364.09	1.57	ppb
Antimony	121-1	996.53	998.23	983.95	992.90	0.79	ppb
Arsenic	75-2	995.13	990.65	1002.07	995.95	0.58	ppb
Barium	135-1	4981.52	5049.03	4874.67	4968.41	1.77	ppb
Barium	137-1	4986.37	5038.50	4895.22	4973.36	1.46	ppb
Beryllium	9-1	991.67	992.30	982.13	988.70	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	995.30	995.75	1008.65	999.90	0.76	ppb
Boron	11-1	988.33	1001.68	1007.35	999.12	0.98	ppb
Cadmium	111-1	994.88	1001.73	979.84	992.15	1.13	ppb
Cadmium	106-1	1003.85	998.93	978.72	993.83	1.34	ppb
Cadmium	108-1	1008.91	995.66	985.90	996.83	1.16	ppb
Calcium	43-1	101373.99	100766.49	99246.26	100462.25	1.09	ppb
Calcium	44-1	98774.52	99596.05	99193.65	99188.07	0.41	ppb
Chromium	52-2	996.60	1000.43	1006.64	1001.23	0.51	ppb
Cobalt	59-2	996.44	991.33	1013.10	1000.29	1.14	ppb
Copper	63-2	1999.60	2001.53	2021.37	2007.50	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51028.50	50967.83	51542.37	51179.57	0.62	ppb
Iron	57-2	50397.80	50399.17	51263.60	50686.85	0.99	ppb
Lead	206-1	996.37	1010.11	1000.65	1002.38	0.70	ppb
Lead	207-1	1001.45	1012.34	997.73	1003.84	0.76	ppb
Lead	208-1	992.00	1009.06	997.56	999.54	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	100920.05	101212.91	101865.54	101332.83	0.48	ppb
Manganese	55-2	1982.71	1991.88	2024.50	1999.70	1.10	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:28:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	995.14	1012.66	996.55	1001.45	0.97	ppb
Molybdenum	95-1	1008.70	1016.30	987.02	1004.01	1.51	ppb
Molybdenum	96-1	996.76	1012.61	998.54	1002.63	0.87	ppb
Molybdenum	97-1	992.98	1019.08	1000.53	1004.20	1.34	ppb
Molybdenum	98-1	992.02	1017.05	996.35	1001.81	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.19	990.86	1012.16	1000.07	1.09	ppb
Phosphorus	31-2	19131.29	19605.54	20716.08	19817.64	4.10	ppb
Potassium	39-2	49378.53	48516.11	49530.39	49141.68	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1063.46	1100.69	865.16	1009.77	12.54	ppb
Selenium	78-2	1018.95	1009.77	954.39	994.37	3.51	ppb
Selenium	82-1	988.80	1008.50	999.17	998.82	0.99	ppb
Silicon	28-1	972.24	971.33	971.28	971.62	0.06	ppb
Silver	109-1	987.88	1003.01	972.51	987.80	1.54	ppb
Silver	107-1	991.21	1006.10	970.67	989.33	1.80	ppb
Sodium	23-2	99925.99	98658.85	101488.16	100024.33	1.42	ppb
Strontium	86-1	990.78	1018.23	1005.01	1004.67	1.37	ppb
Strontium	88-1	997.80	1007.63	1000.56	1002.00	0.51	ppb
Sulfur	34-1	20054.54	19990.75	19846.50	19963.93	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	992.70	1002.65	996.74	997.36	0.50	ppb
Thallium	205-1	994.35	1002.91	996.25	997.84	0.45	ppb
Tin	118-1	1003.83	998.12	977.37	993.11	1.40	ppb
Titanium	47-1	998.04	1003.84	1000.69	1000.86	0.29	ppb
Uranium	238-1	996.75	1013.12	1010.60	1006.82	0.88	ppb
Vanadium	51-2	995.83	998.15	1005.00	999.66	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1999.34	1990.09	2019.84	2003.09	0.76	ppb
Zirconium	90-1	991.99	1010.57	999.81	1000.79	0.93	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:28:46	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	992.59	1023.79	999.71	1005.36	1.63	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103275.47	97044.69	100056.49	100125.55	3.11	ppb
Antimony	121-1	1.14	1.27	1.12	1.18	6.71	ppb
Arsenic	75-2	0.37	0.10	0.45	0.30	60.58	ppb
Barium	135-1	1.32	1.06	1.33	1.24	12.65	ppb
Barium	137-1	1.23	1.32	1.19	1.25	5.41	ppb
Beryllium	9-1	0.24	0.14	0.18	0.19	25.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.86	45.55	39.50	43.64	8.21	ppb
Boron	11-1	45.62	44.30	40.63	43.51	5.94	ppb
Cadmium	111-1	0.16	0.07	0.15	0.13	40.45	ppb
Cadmium	106-1	0.67	-0.39	0.63	0.30	198.23	ppb
Cadmium	108-1	0.06	-0.02	0.28	0.11	148.44	ppb
Calcium	43-1	496964.19	496422.00	506474.17	499953.46	1.13	ppb
Calcium	44-1	496270.90	500756.97	503736.04	500254.64	0.75	ppb
Chromium	52-2	13.30	12.40	12.99	12.90	3.52	ppb
Cobalt	59-2	1.30	1.19	1.16	1.22	6.08	ppb
Copper	63-2	3.00	2.78	2.85	2.88	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	256704.92	243019.52	249385.66	249703.37	2.74	ppb
Iron	57-2	258230.76	242846.46	248414.54	249830.59	3.12	ppb
Lead	206-1	1.53	1.44	1.40	1.45	4.52	ppb
Lead	207-1	1.31	1.32	1.32	1.31	0.53	ppb
Lead	208-1	1.42	1.40	1.33	1.38	3.42	ppb
Lithium	6-1						%
Magnesium	24-2	511171.84	484561.74	503292.45	499675.34	2.74	ppb
Manganese	55-2	6.21	5.88	6.14	6.08	2.93	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.74	0.73	0.73	0.73	0.95	ppb
Molybdenum	95-1	2.20	2.31	2.10	2.20	4.68	ppb
Molybdenum	96-1	2.29	2.30	2.25	2.28	1.29	ppb
Molybdenum	97-1	2.20	2.12	2.11	2.14	2.36	ppb
Molybdenum	98-1	2.23	2.20	2.05	2.16	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.40	9.49	10.46	10.12	5.34	ppb
Phosphorus	31-2	15.06	13.74	14.48	14.43	4.57	ppb
Potassium	39-2	258522.22	244072.37	247772.42	250122.33	3.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	13.05	0.00	4.35	173.21	ppb
Selenium	78-2	-2.02	0.18	-0.92	-0.92		ppb
Selenium	82-1	1.77	1.75	2.21	1.91	13.57	ppb
Silicon	28-1	52.08	58.87	60.22	57.05	7.65	ppb
Silver	109-1	0.07	0.08	0.08	0.08	4.87	ppb
Silver	107-1	0.09	0.08	0.08	0.08	9.24	ppb
Sodium	23-2	512272.31	484292.65	502762.20	499775.72	2.85	ppb
Strontium	86-1	34.43	34.16	34.11	34.23	0.51	ppb
Strontium	88-1	34.93	35.04	34.64	34.87	0.58	ppb
Sulfur	34-1	-1813.66	-1592.89	-1554.79	-1653.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.45	0.43	0.42	0.43	3.06	ppb
Thallium	205-1	0.47	0.43	0.40	0.43	7.43	ppb
Tin	118-1	0.85	0.94	0.91	0.90	4.72	ppb
Titanium	47-1	0.37	0.51	0.46	0.45	15.53	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	12.77	ppb
Vanadium	51-2	0.33	0.31	0.29	0.31	6.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.58	8.16	7.95	7.90	3.74	ppb
Zirconium	90-1	0.09	0.11	0.09	0.10	14.41	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.12	0.09	0.10	15.40	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	413.78	444.30	421.43	426.51	3.72	ppb
Antimony	121-1	186.64	189.01	212.07	195.91	7.17	ppb
Arsenic	75-2	197.13	192.62	192.26	194.00	1.40	ppb
Barium	135-1	95.06	98.03	107.27	100.12	6.36	ppb
Barium	137-1	95.64	97.22	108.21	100.36	6.82	ppb
Beryllium	9-1	95.95	98.40	105.11	99.82	4.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	543.48	554.67	578.63	558.93	3.21	ppb
Boron	11-1	538.23	547.33	587.36	557.64	4.69	ppb
Cadmium	111-1	99.96	102.54	112.51	105.00	6.31	ppb
Cadmium	106-1	147.51	148.08	165.06	153.55	6.49	ppb
Cadmium	108-1	122.35	126.58	143.91	130.94	8.72	ppb
Calcium	43-1	1997.24	2059.98	2179.39	2078.87	4.45	ppb
Calcium	44-1	1972.14	1963.69	2155.71	2030.51	5.34	ppb
Chromium	52-2	94.74	94.49	94.13	94.45	0.33	ppb
Cobalt	59-2	97.38	98.05	96.30	97.24	0.91	ppb
Copper	63-2	95.53	97.04	95.43	96.00	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	981.39	999.97	980.80	987.39	1.10	ppb
Iron	57-2	951.34	964.62	956.42	957.46	0.70	ppb
Lead	206-1	185.80	188.90	207.28	193.99	5.99	ppb
Lead	207-1	178.84	179.03	196.36	184.74	5.44	ppb
Lead	208-1	187.20	186.80	206.92	193.64	5.94	ppb
Lithium	6-1						%
Magnesium	24-2	1179.40	1135.02	1186.23	1166.88	2.38	ppb
Manganese	55-2	96.73	95.38	96.84	96.32	0.85	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	473.48	478.20	519.15	490.28	5.12	ppb
Molybdenum	95-1	461.37	473.57	515.92	483.62	5.92	ppb
Molybdenum	96-1	472.90	479.45	526.14	492.83	5.89	ppb
Molybdenum	97-1	468.40	473.69	517.24	486.44	5.51	ppb
Molybdenum	98-1	473.22	484.99	527.02	495.08	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.94	99.08	97.32	97.78	1.17	ppb
Phosphorus	31-2	13.65	14.16	-12.56	5.08	300.66	ppb
Potassium	39-2	1898.09	2034.07	1919.21	1950.46	3.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	166.48	225.88	237.76	210.04	18.18	ppb
Selenium	78-2	193.30	175.28	202.67	190.42	7.31	ppb
Selenium	82-1	193.87	194.45	212.99	200.44	5.43	ppb
Silicon	28-1	443.32	444.12	498.96	462.13	6.90	ppb
Silver	109-1	96.62	98.74	109.79	101.72	6.95	ppb
Silver	107-1	96.83	98.22	110.22	101.76	7.23	ppb
Sodium	23-2	1998.04	2024.72	1956.13	1992.96	1.74	ppb
Strontium	86-1	467.73	469.47	525.85	487.68	6.78	ppb
Strontium	88-1	472.34	479.73	532.79	494.95	6.66	ppb
Sulfur	34-1	-1607.73	-1941.58	-195.05	-1248.12		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	191.43	193.27	212.55	199.09	5.88	ppb
Thallium	205-1	200.41	199.35	219.32	206.36	5.44	ppb
Tin	118-1	486.50	497.47	548.06	510.68	6.43	ppb
Titanium	47-1	486.01	477.31	525.10	496.14	5.13	ppb
Uranium	238-1	491.48	497.88	544.90	511.42	5.70	ppb
Vanadium	51-2	94.42	95.10	93.35	94.29	0.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	196.12	200.67	197.36	198.05	1.19	ppb
Zirconium	90-1	474.18	478.65	520.97	491.27	5.26	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	464.17	466.87	513.63	481.56	5.78	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:52:49 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.40	-4.11	-1.64		ppb
Antimony	121-1	0.13	0.12	0.13	0.13	6.76	ppb
Arsenic	75-2	-0.03	0.00	0.05	0.00	989.46	ppb
Barium	135-1	-0.15	-0.14	-0.14	-0.14		ppb
Barium	137-1	-0.13	-0.15	-0.14	-0.14		ppb
Beryllium	9-1	0.01	0.08	0.04	0.04	76.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.36	12.17	11.14	11.89	5.53	ppb
Boron	11-1	12.63	12.01	11.52	12.05	4.61	ppb
Cadmium	111-1	-0.04	-0.13	-0.03	-0.06		ppb
Cadmium	106-1	-0.60	-1.98	-0.58	-1.05		ppb
Cadmium	108-1	0.02	-0.07	-0.07	-0.04		ppb
Calcium	43-1	-12.37	-22.41	-23.75	-19.51		ppb
Calcium	44-1	-7.57	-7.49	-6.86	-7.31		ppb
Chromium	52-2	-0.10	-0.20	-0.04	-0.11		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	48.08	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	351.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.67	-0.65	-0.83	-0.72		ppb
Iron	57-2	-1.39	-2.47	0.30	-1.19		ppb
Lead	206-1	0.05	0.03	0.04	0.04	16.25	ppb
Lead	207-1	0.04	0.02	0.02	0.02	50.46	ppb
Lead	208-1	0.03	0.02	0.03	0.03	26.56	ppb
Lithium	6-1						%
Magnesium	24-2	0.09	2.07	-0.24	0.64	194.52	ppb
Manganese	55-2	0.05	0.05	0.01	0.04	62.54	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:52:49	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.03	0.01	81.76	ppb
Molybdenum	95-1	0.09	0.04	0.08	0.07	35.61	ppb
Molybdenum	96-1	0.04	0.05	0.03	0.04	20.88	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	26.30	ppb
Molybdenum	98-1	0.02	0.05	0.01	0.03	69.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	0.00	-0.02		ppb
Phosphorus	31-2	-12.56	-12.56	14.38	-3.58		ppb
Potassium	39-2	12.03	-16.11	-1.99	-2.02		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	-2.02	-2.02	-1.30		ppb
Selenium	82-1	0.85	1.32	0.80	0.99	28.80	ppb
Silicon	28-1	-39.16	-31.19	-40.77	-37.04		ppb
Silver	109-1	0.00	0.00	0.01	0.00	92.13	ppb
Silver	107-1	0.00	0.01	0.01	0.01	50.93	ppb
Sodium	23-2	21.96	23.61	32.88	26.15	22.52	ppb
Strontium	86-1	-0.06	-0.02	-0.10	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	151.20	ppb
Sulfur	34-1	-1694.06	-2025.61	-1808.95	-1842.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.09	0.08	0.08	8.86	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.22	ppb
Tin	118-1	0.06	0.05	0.09	0.07	25.60	ppb
Titanium	47-1	-0.05	-0.06	0.00	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.07	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	1641.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.10	0.24	0.17	41.54	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	42.18	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:52:49	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	103.74	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:56:00	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89664.63	91726.22	88569.94	89986.93	1.78	ppb
Antimony	121-1	1.04	1.15	1.12	1.10	5.27	ppb
Arsenic	75-2	0.13	0.20	0.22	0.18	27.74	ppb
Barium	135-1	1.16	1.53	1.27	1.32	14.35	ppb
Barium	137-1	1.40	1.27	1.31	1.33	4.74	ppb
Beryllium	9-1	0.25	0.21	0.16	0.21	21.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.23	10.82	8.18	9.75	14.20	ppb
Boron	11-1	9.91	9.74	8.64	9.43	7.29	ppb
Cadmium	111-1	0.24	0.25	0.25	0.25	2.65	ppb
Cadmium	106-1	-1.26	-0.80	0.29	-0.59		ppb
Cadmium	108-1	7.63	6.91	6.39	6.97	8.90	ppb
Calcium	43-1	98094.89	98545.36	97678.39	98106.21	0.44	ppb
Calcium	44-1	96255.56	95375.13	95881.63	95837.44	0.46	ppb
Chromium	52-2	19.89	20.30	19.97	20.05	1.09	ppb
Cobalt	59-2	1.19	1.27	1.20	1.22	3.68	ppb
Copper	63-2	7.99	7.96	7.78	7.91	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	101705.87	103163.85	99343.13	101404.28	1.90	ppb
Iron	57-2	99355.05	100922.21	97899.74	99392.33	1.52	ppb
Lead	206-1	5.12	5.02	4.92	5.02	1.92	ppb
Lead	207-1	4.54	4.66	4.32	4.50	3.87	ppb
Lead	208-1	4.79	4.81	4.63	4.74	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	100779.82	102191.40	98684.33	100551.85	1.75	ppb
Manganese	55-2	7.90	7.89	8.28	8.02	2.79	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:56:00	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	577.27	590.46	573.85	580.53	1.51	ppb
Molybdenum	95-1	1865.44	1884.13	1865.56	1871.71	0.57	ppb
Molybdenum	96-1	1552.75	1590.53	1556.70	1566.66	1.33	ppb
Molybdenum	97-1	1883.19	1905.62	1888.70	1892.50	0.62	ppb
Molybdenum	98-1	1853.93	1892.84	1874.53	1873.77	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	6.13	5.49	5.69	6.81	ppb
Phosphorus	31-2	95123.48	100564.17	96461.53	97383.06	2.91	ppb
Potassium	39-2	97618.64	99104.58	97607.43	98110.22	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	20.11	0.00	0.00	6.70	173.21	ppb
Selenium	78-2	-2.02	-0.91	-0.91	-1.28		ppb
Selenium	82-1	1.28	0.61	0.65	0.85	44.37	ppb
Silicon	28-1	-4.70	-6.80	-9.67	-7.05		ppb
Silver	109-1	0.07	0.07	0.10	0.08	21.02	ppb
Silver	107-1	0.05	0.06	0.08	0.07	23.71	ppb
Sodium	23-2	100914.16	101752.71	97625.16	100097.34	2.18	ppb
Strontium	86-1	32.60	33.42	32.18	32.73	1.93	ppb
Strontium	88-1	32.92	33.06	33.13	33.04	0.31	ppb
Sulfur	34-1	86262.60	85536.73	85500.18	85766.50	0.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.15	0.16	0.15	5.44	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	1.19	ppb
Tin	118-1	0.15	0.18	0.14	0.16	13.62	ppb
Titanium	47-1	1974.11	1923.43	1935.55	1944.36	1.36	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.16	ppb
Vanadium	51-2	0.16	0.15	0.18	0.16	8.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.86	13.05	11.63	12.51	6.17	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	19.77	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:56:00	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.03	0.04	46.93	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89023.92	90585.33	87365.44	88991.57	1.81	ppb
Antimony	121-1	20.83	21.31	21.29	21.14	1.28	ppb
Arsenic	75-2	19.90	19.44	20.04	19.79	1.58	ppb
Barium	135-1	20.85	21.84	21.96	21.55	2.82	ppb
Barium	137-1	21.89	22.23	22.17	22.10	0.81	ppb
Beryllium	9-1	19.87	20.16	20.25	20.09	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	60.26	59.55	61.02	60.28	1.22	ppb
Boron	11-1	60.10	60.85	60.94	60.63	0.76	ppb
Cadmium	111-1	20.29	20.87	20.48	20.55	1.44	ppb
Cadmium	106-1	20.99	25.76	20.22	22.33	13.45	ppb
Cadmium	108-1	30.05	29.26	29.24	29.52	1.56	ppb
Calcium	43-1	96453.91	96731.46	97277.80	96821.06	0.43	ppb
Calcium	44-1	94562.22	95486.46	95717.45	95255.37	0.64	ppb
Chromium	52-2	39.80	41.25	39.18	40.08	2.66	ppb
Cobalt	59-2	22.39	22.20	22.05	22.21	0.77	ppb
Copper	63-2	28.25	28.05	26.92	27.74	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98986.67	100449.72	98372.51	99269.63	1.07	ppb
Iron	57-2	97789.72	99572.26	96294.57	97885.52	1.68	ppb
Lead	206-1	25.21	25.13	25.54	25.30	0.86	ppb
Lead	207-1	22.82	23.07	23.32	23.07	1.08	ppb
Lead	208-1	23.89	23.92	24.35	24.05	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	98213.28	102198.26	97911.77	99441.10	2.41	ppb
Manganese	55-2	28.21	29.69	26.65	28.18	5.38	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	630.38	625.62	623.49	626.50	0.56	ppb
Molybdenum	95-1	1929.74	1910.19	1909.67	1916.53	0.60	ppb
Molybdenum	96-1	1609.42	1617.58	1611.16	1612.72	0.27	ppb
Molybdenum	97-1	1936.32	1910.43	1901.45	1916.07	0.95	ppb
Molybdenum	98-1	1909.49	1884.53	1911.67	1901.90	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.92	26.89	26.20	26.34	1.89	ppb
Phosphorus	31-2	98136.32	103434.87	94622.49	98731.23	4.49	ppb
Potassium	39-2	98363.14	100778.50	96563.24	98568.30	2.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	19.16	12.88	19.31	17.12	21.44	ppb
Selenium	78-2	13.06	14.26	19.68	15.67	22.54	ppb
Selenium	82-1	21.04	22.22	19.42	20.89	6.72	ppb
Silicon	28-1	59.92	60.54	58.91	59.79	1.37	ppb
Silver	109-1	19.02	19.76	19.59	19.46	2.00	ppb
Silver	107-1	18.97	19.49	19.32	19.26	1.36	ppb
Sodium	23-2	99364.81	102537.93	98912.04	100271.59	1.97	ppb
Strontium	86-1	82.84	82.25	83.37	82.82	0.68	ppb
Strontium	88-1	83.94	83.26	83.21	83.47	0.49	ppb
Sulfur	34-1	85873.49	85957.16	84400.22	85410.29	1.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.77	20.68	21.13	20.86	1.13	ppb
Thallium	205-1	20.60	20.35	21.10	20.68	1.84	ppb
Tin	118-1	50.03	51.03	51.19	50.75	1.25	ppb
Titanium	47-1	1975.70	1985.15	1961.23	1974.03	0.61	ppb
Uranium	238-1	50.03	50.38	51.15	50.52	1.14	ppb
Vanadium	51-2	20.93	21.00	20.56	20.83	1.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.49	32.39	32.09	32.32	0.64	ppb
Zirconium	90-1	50.86	50.14	50.59	50.53	0.72	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.04	50.06	49.80	49.97	0.29	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47771.46	48517.93	48659.06	48316.15	0.99	ppb
Antimony	121-1	499.48	512.26	510.45	507.40	1.36	ppb
Arsenic	75-2	501.46	494.10	498.82	498.13	0.75	ppb
Barium	135-1	2499.80	2584.56	2591.64	2558.67	2.00	ppb
Barium	137-1	2472.40	2540.22	2555.59	2522.74	1.75	ppb
Beryllium	9-1	490.89	495.85	483.27	490.00	1.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	479.78	493.20	490.64	487.87	1.46	ppb
Boron	11-1	479.63	484.13	486.47	483.41	0.72	ppb
Cadmium	111-1	482.93	497.28	500.35	493.52	1.88	ppb
Cadmium	106-1	489.91	493.75	501.67	495.11	1.21	ppb
Cadmium	108-1	487.68	500.11	504.43	497.41	1.75	ppb
Calcium	43-1	240071.45	251779.84	246895.05	246248.78	2.39	ppb
Calcium	44-1	238057.67	248756.10	245160.15	243991.31	2.23	ppb
Chromium	52-2	493.37	492.03	496.68	494.03	0.48	ppb
Cobalt	59-2	479.71	482.57	487.91	483.40	0.86	ppb
Copper	63-2	926.28	931.22	941.10	932.87	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120180.26	119936.64	120422.24	120179.71	0.20	ppb
Iron	57-2	117735.12	118257.65	119475.84	118489.54	0.75	ppb
Lead	206-1	497.90	507.77	505.20	503.63	1.02	ppb
Lead	207-1	495.61	504.42	506.44	502.15	1.15	ppb
Lead	208-1	500.77	508.94	508.45	506.05	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	243439.88	242787.61	248004.18	244743.89	1.16	ppb
Manganese	55-2	974.36	978.96	991.14	981.49	0.88	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	485.28	506.93	501.79	498.00	2.27	ppb
Molybdenum	95-1	485.43	506.76	499.70	497.30	2.18	ppb
Molybdenum	96-1	486.98	504.63	499.10	496.90	1.82	ppb
Molybdenum	97-1	479.25	492.99	492.24	488.16	1.58	ppb
Molybdenum	98-1	489.74	498.45	493.99	494.06	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.57	477.15	484.19	477.63	1.32	ppb
Phosphorus	31-2	10247.30	9408.76	10814.30	10156.79	6.96	ppb
Potassium	39-2	121820.23	120812.88	122966.33	121866.48	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	515.55	489.57	545.10	516.74	5.38	ppb
Selenium	78-2	521.46	439.85	490.15	483.82	8.51	ppb
Selenium	82-1	481.09	497.60	492.08	490.26	1.71	ppb
Silicon	28-1	467.48	487.18	476.22	476.96	2.07	ppb
Silver	109-1	482.44	502.71	503.62	496.25	2.41	ppb
Silver	107-1	487.84	502.92	508.26	499.68	2.12	ppb
Sodium	23-2	245316.64	244579.28	247819.42	245905.12	0.69	ppb
Strontium	86-1	490.83	505.22	501.11	499.05	1.49	ppb
Strontium	88-1	503.86	509.46	513.15	508.82	0.92	ppb
Sulfur	34-1	7822.53	8956.04	8505.92	8428.16	6.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.84	514.94	513.88	511.22	1.09	ppb
Thallium	205-1	504.45	506.90	508.11	506.49	0.37	ppb
Tin	118-1	498.67	518.60	514.07	510.45	2.05	ppb
Titanium	47-1	490.57	507.57	499.72	499.29	1.70	ppb
Uranium	238-1	497.66	502.31	506.43	502.13	0.87	ppb
Vanadium	51-2	496.41	493.99	502.22	497.54	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	936.35	946.39	950.93	944.56	0.79	ppb
Zirconium	90-1	494.64	504.92	503.00	500.85	1.09	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.74	496.68	496.14	492.19	1.49	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.23	-2.23	-2.23	-2.23		ppb
Antimony	121-1	0.20	0.22	0.27	0.23	14.59	ppb
Arsenic	75-2	0.00	0.02	-0.05	-0.01		ppb
Barium	135-1	-0.12	-0.15	-0.15	-0.14		ppb
Barium	137-1	-0.14	-0.14	-0.14	-0.14		ppb
Beryllium	9-1	0.13	0.09	0.08	0.10	28.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.20	18.10	15.73	16.68	7.53	ppb
Boron	11-1	19.05	17.81	15.81	17.56	9.32	ppb
Cadmium	111-1	-0.01	0.02	0.03	0.01	193.90	ppb
Cadmium	106-1	-0.70	-0.17	0.01	-0.28		ppb
Cadmium	108-1	0.10	0.06	-0.03	0.04	144.09	ppb
Calcium	43-1	-20.11	-26.53	-32.52	-26.39		ppb
Calcium	44-1	-5.48	-2.40	-4.66	-4.18		ppb
Chromium	52-2	0.03	-0.03	-0.11	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	60.95	ppb
Copper	63-2	0.03	0.09	0.10	0.07	55.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.52	2.89	3.07	2.83	9.92	ppb
Iron	57-2	4.73	2.52	5.27	4.17	34.92	ppb
Lead	206-1	0.17	0.16	0.14	0.16	6.96	ppb
Lead	207-1	0.18	0.14	0.16	0.16	11.47	ppb
Lead	208-1	0.17	0.15	0.16	0.16	7.22	ppb
Lithium	6-1						%
Magnesium	24-2	2.17	-0.63	1.36	0.97	148.74	ppb
Manganese	55-2	0.03	-0.01	0.03	0.02	138.20	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.03	0.04	35.27	ppb
Molybdenum	95-1	0.11	0.12	0.08	0.10	17.48	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	12.01	ppb
Molybdenum	97-1	0.13	0.11	0.08	0.11	21.98	ppb
Molybdenum	98-1	0.07	0.09	0.12	0.09	28.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.05	0.00		ppb
Phosphorus	31-2	-12.56	14.44	-12.56	-3.56		ppb
Potassium	39-2	3.60	12.66	45.25	20.50	106.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.22	-0.93	-0.93	-0.22		ppb
Selenium	82-1	1.24	1.11	0.83	1.06	19.59	ppb
Silicon	28-1	-46.66	-31.31	-44.56	-40.84		ppb
Silver	109-1	0.04	0.03	0.03	0.03	17.82	ppb
Silver	107-1	0.03	0.03	0.01	0.03	40.35	ppb
Sodium	23-2	76.33	77.57	71.06	74.99	4.61	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2227.98	-2420.93	-2206.75	-2285.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.15	0.11	0.14	18.37	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	2.23	ppb
Tin	118-1	0.09	0.09	0.05	0.08	29.90	ppb
Titanium	47-1	-0.07	0.01	-0.09	-0.05		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	52.95	ppb
Vanadium	51-2	0.04	0.01	-0.01	0.01	214.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.41	0.17	0.14	0.24	62.18	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.44	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.05	0.03	65.00	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.60	27.88	22.82	21.77	30.81	ppb
Antimony	121-1	1.86	1.90	1.95	1.90	2.61	ppb
Arsenic	75-2	0.80	0.87	0.96	0.88	8.88	ppb
Barium	135-1	8.49	9.12	8.74	8.78	3.66	ppb
Barium	137-1	8.89	9.01	8.87	8.93	0.85	ppb
Beryllium	9-1	0.84	0.84	0.97	0.88	8.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.76	28.58	32.35	29.23	9.75	ppb
Boron	11-1	28.89	28.98	28.58	28.82	0.73	ppb
Cadmium	111-1	0.81	0.89	0.87	0.86	4.98	ppb
Cadmium	106-1	-0.95	-0.10	0.35	-0.23		ppb
Cadmium	108-1	0.48	0.94	0.91	0.78	33.70	ppb
Calcium	43-1	427.66	446.01	409.20	427.62	4.31	ppb
Calcium	44-1	444.81	434.18	448.12	442.37	1.65	ppb
Chromium	52-2	1.71	1.90	2.25	1.95	14.12	ppb
Cobalt	59-2	0.98	1.06	0.94	1.00	6.22	ppb
Copper	63-2	1.92	2.09	2.03	2.01	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.10	47.43	48.62	47.72	1.67	ppb
Iron	57-2	49.63	56.58	42.72	49.64	13.96	ppb
Lead	206-1	1.05	1.00	1.01	1.02	2.85	ppb
Lead	207-1	0.98	0.98	1.01	0.99	1.70	ppb
Lead	208-1	1.00	1.00	1.01	1.00	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	460.61	449.87	477.16	462.54	2.97	ppb
Manganese	55-2	0.89	1.06	0.84	0.93	12.48	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.97	1.97	1.94	1.96	0.77	ppb
Molybdenum	95-1	4.63	4.53	4.24	4.46	4.51	ppb
Molybdenum	96-1	3.90	3.80	3.94	3.88	1.88	ppb
Molybdenum	97-1	4.37	4.43	4.53	4.44	1.83	ppb
Molybdenum	98-1	4.28	4.33	4.36	4.32	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.83	1.13	0.99	15.41	ppb
Phosphorus	31-2	14.31	-12.56	-12.56	-3.61		ppb
Potassium	39-2	493.74	472.25	442.47	469.48	5.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.73	0.00	6.41	6.38	99.79	ppb
Selenium	78-2	1.20	0.16	1.23	0.86	70.48	ppb
Selenium	82-1	6.55	5.13	5.78	5.82	12.20	ppb
Silicon	28-1	-30.27	-31.41	-27.74	-29.81		ppb
Silver	109-1	0.96	1.00	0.96	0.98	2.40	ppb
Silver	107-1	0.91	0.98	0.97	0.95	4.09	ppb
Sodium	23-2	518.82	518.24	544.51	527.19	2.85	ppb
Strontium	86-1	0.91	0.97	0.81	0.90	8.78	ppb
Strontium	88-1	0.91	0.89	0.91	0.90	0.98	ppb
Sulfur	34-1	-2136.14	-2338.63	-1954.02	-2142.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.02	0.96	1.06	1.01	5.24	ppb
Thallium	205-1	1.00	0.96	0.99	0.98	1.94	ppb
Tin	118-1	4.41	4.38	4.64	4.48	3.19	ppb
Titanium	47-1	4.08	4.63	4.31	4.34	6.44	ppb
Uranium	238-1	0.85	0.87	0.87	0.86	1.36	ppb
Vanadium	51-2	4.52	4.54	4.36	4.47	2.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.28	2.56	2.42	2.42	5.88	ppb
Zirconium	90-1	0.94	0.93	0.90	0.92	1.95	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.95	1.00	0.95	4.61	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	1.40	-0.53	0.14	783.53	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	28.59	ppb
Arsenic	75-2	-0.03	-0.05	-0.01	-0.03		ppb
Barium	135-1	-0.10	-0.10	-0.13	-0.11		ppb
Barium	137-1	-0.13	-0.16	-0.15	-0.15		ppb
Beryllium	9-1	0.02	0.01	-0.01	0.00	372.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.39	2.07	2.18	1.88	22.63	ppb
Boron	11-1	2.17	1.89	2.71	2.26	18.40	ppb
Cadmium	111-1	-0.10	-0.10	-0.17	-0.12		ppb
Cadmium	106-1	-1.56	-1.37	-2.28	-1.74		ppb
Cadmium	108-1	0.06	-0.07	-0.07	-0.02		ppb
Calcium	43-1	-22.33	-14.32	-9.18	-15.28		ppb
Calcium	44-1	-8.23	-11.30	-8.43	-9.32		ppb
Chromium	52-2	-0.23	-0.41	-0.37	-0.34		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	272.64	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	218.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.68	-0.58	-0.60	-0.62		ppb
Iron	57-2	-3.04	-0.33	-0.97	-1.45		ppb
Lead	206-1	494.83	491.57	492.99	493.13	0.33	ppb
Lead	207-1	490.69	485.67	498.36	491.57	1.30	ppb
Lead	208-1	495.34	489.18	497.54	494.02	0.88	ppb
Lithium	6-1						%
Magnesium	24-2	0.43	-0.32	3.39	1.17	168.00	ppb
Manganese	55-2	0.05	-0.01	0.01	0.01	204.53	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	25.61	ppb
Molybdenum	97-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	0.04	0.00		ppb
Phosphorus	31-2	-12.56	-12.56	-12.56	-12.56		ppb
Potassium	39-2	1.43	7.57	-5.39	1.20	538.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.16	-2.02	-0.96	-0.61		ppb
Selenium	82-1	0.66	0.78	0.55	0.66	17.88	ppb
Silicon	28-1	-40.54	-42.99	-42.89	-42.14		ppb
Silver	109-1	0.02	0.00	0.01	0.01	82.64	ppb
Silver	107-1	0.00	0.00	0.00	0.00	36.56	ppb
Sodium	23-2	32.86	31.86	25.85	30.19	12.55	ppb
Strontium	86-1	-0.02	-0.03	-0.07	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	109.76	ppb
Sulfur	34-1	-1463.57	-1447.43	-1442.92	-1451.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	36.96	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.05	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	-0.02	-0.02	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.03	0.01	220.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.16	0.15	0.17	12.08	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	11.56	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.02	0.00	2180.60	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.11	-2.28	-0.55	-2.31		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	274.43	ppb
Arsenic	75-2	0.04	-0.01	-0.03	0.00	1812.82	ppb
Barium	135-1	-0.14	-0.14	-0.14	-0.14		ppb
Barium	137-1	-0.15	-0.16	-0.15	-0.15		ppb
Beryllium	9-1	-0.01	0.04	-0.03	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.62	3.10	1.54	2.09	42.05	ppb
Boron	11-1	2.12	2.54	2.32	2.33	8.90	ppb
Cadmium	111-1	-0.05	0.00	-0.07	-0.04		ppb
Cadmium	106-1	-0.71	-0.11	-1.01	-0.61		ppb
Cadmium	108-1	-0.11	-0.02	-0.07	-0.07		ppb
Calcium	43-1	-33.14	-5.06	-32.66	-23.62		ppb
Calcium	44-1	-10.32	-10.21	-10.75	-10.43		ppb
Chromium	52-2	-0.09	-0.07	-0.09	-0.08		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.01	0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.72	-0.82	-0.53	-0.69		ppb
Iron	57-2	-0.36	-2.50	1.10	-0.59		ppb
Lead	206-1	0.05	0.03	0.05	0.04	30.78	ppb
Lead	207-1	0.03	0.04	0.03	0.03	24.79	ppb
Lead	208-1	0.03	0.03	0.04	0.03	5.97	ppb
Lithium	6-1						%
Magnesium	24-2	-1.12	0.82	1.83	0.51	293.88	ppb
Manganese	55-2	-0.03	0.01	0.08	0.02	285.64	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-12.56	13.69	38.62	13.25	193.17	ppb
Potassium	39-2	15.94	6.45	-3.16	6.41	148.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.22	0.00	0.00	2.07	173.21	ppb
Selenium	78-2	0.08	-0.96	-2.02	-0.97		ppb
Selenium	82-1	1.32	1.66	1.31	1.43	13.94	ppb
Silicon	28-1	-43.13	-43.95	-44.65	-43.91		ppb
Silver	109-1	0.01	0.00	0.01	0.01	38.91	ppb
Silver	107-1	0.00	0.00	0.00	0.00	48.71	ppb
Sodium	23-2	22.24	28.40	20.65	23.76	17.23	ppb
Strontium	86-1	-0.02	-0.05	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1512.01	-1351.92	-1622.66	-1495.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.01	0.02	34.19	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.54	ppb
Tin	118-1	0.01	-0.03	0.00	-0.01		ppb
Titanium	47-1	-0.09	-0.07	-0.07	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	3465.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.03	0.12	0.08	57.82	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	46.95	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	75.21	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-01 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-01-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:42:05 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.50	4.66	6.04	6.40	30.40	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	11.93	ppb
Arsenic	75-2	0.33	0.45	0.44	0.41	16.07	ppb
Barium	135-1	13.31	13.94	13.42	13.56	2.46	ppb
Barium	137-1	13.74	13.63	13.37	13.58	1.40	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.26	4.59	4.90	5.25	16.94	ppb
Boron	11-1	5.30	5.87	6.26	5.81	8.27	ppb
Cadmium	111-1	-0.10	-0.01	-0.08	-0.06		ppb
Cadmium	106-1	-1.34	0.05	-1.11	-0.80		ppb
Cadmium	108-1	0.01	0.13	0.09	0.08	80.41	ppb
Calcium	43-1	5781.74	5694.60	5761.07	5745.80	0.79	ppb
Calcium	44-1	5953.10	5976.74	5854.55	5928.13	1.09	ppb
Chromium	52-2	-0.17	-0.25	-0.34	-0.26		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	636.03	ppb
Copper	63-2	213.89	205.69	197.37	205.65	4.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28.24	26.60	26.44	27.09	3.69	ppb
Iron	57-2	37.06	20.55	16.67	24.76	43.74	ppb
Lead	206-1	0.24	0.30	0.27	0.27	10.41	ppb
Lead	207-1	0.26	0.27	0.30	0.28	6.43	ppb
Lead	208-1	0.26	0.27	0.28	0.27	2.42	ppb
Lithium	6-1						%
Magnesium	24-2	1279.83	1203.71	1156.76	1213.43	5.12	ppb
Manganese	55-2	12.62	12.15	11.28	12.02	5.66	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-01 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-01-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:42:05 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	8.40	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	47.26	ppb
Molybdenum	96-1	0.03	0.05	0.03	0.04	31.45	ppb
Molybdenum	97-1	0.00	0.04	0.04	0.02	83.22	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.89	0.68	0.79	13.57	ppb
Phosphorus	31-2	1048.71	819.25	692.20	853.38	21.17	ppb
Potassium	39-2	549.78	484.75	490.82	508.45	7.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-0.01	-2.02	-1.35		ppb
Selenium	82-1	0.55	0.73	0.96	0.75	27.70	ppb
Silicon	28-1	908.27	905.47	911.67	908.47	0.34	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.09	ppb
Silver	107-1	0.02	0.02	0.01	0.01	37.21	ppb
Sodium	23-2	10445.75	10012.43	9632.36	10030.18	4.06	ppb
Strontium	86-1	18.15	18.70	18.39	18.42	1.50	ppb
Strontium	88-1	18.67	18.72	18.72	18.70	0.16	ppb
Sulfur	34-1	-1650.06	-1553.27	-1578.35	-1593.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	22.83	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.74	ppb
Tin	118-1	0.05	0.03	0.07	0.05	41.00	ppb
Titanium	47-1	0.18	0.25	0.30	0.24	26.60	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.72	ppb
Vanadium	51-2	0.06	0.11	0.09	0.09	27.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.04	49.67	46.12	49.94	7.94	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	10.77	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-01	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-01-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:42:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.05	9.92	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-02 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-02-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:45:14 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.59	6.32	2.87	6.26	53.72	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	24.45	ppb
Arsenic	75-2	0.47	0.31	0.31	0.37	25.40	ppb
Barium	135-1	13.63	12.97	14.30	13.63	4.88	ppb
Barium	137-1	13.21	12.90	14.51	13.54	6.29	ppb
Beryllium	9-1	0.01	0.02	-0.02	0.00	770.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.12	5.75	5.74	5.87	3.69	ppb
Boron	11-1	5.64	6.33	6.16	6.04	6.01	ppb
Cadmium	111-1	-0.12	-0.02	-0.09	-0.08		ppb
Cadmium	106-1	-1.83	-0.52	-1.36	-1.24		ppb
Cadmium	108-1	-0.07	0.05	-0.07	-0.03		ppb
Calcium	43-1	5819.79	5684.06	6208.58	5904.14	4.61	ppb
Calcium	44-1	5955.60	5881.00	6344.14	6060.25	4.10	ppb
Chromium	52-2	0.40	0.50	0.40	0.44	12.58	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	201.14	199.09	203.51	201.25	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33.69	32.62	43.02	36.44	15.70	ppb
Iron	57-2	21.96	40.19	39.33	33.83	30.41	ppb
Lead	206-1	0.22	0.21	0.25	0.23	11.03	ppb
Lead	207-1	0.17	0.18	0.22	0.19	12.37	ppb
Lead	208-1	0.19	0.18	0.22	0.20	8.81	ppb
Lithium	6-1						%
Magnesium	24-2	1174.81	1155.57	1176.76	1169.05	1.00	ppb
Manganese	55-2	12.53	11.59	11.73	11.95	4.22	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-02	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-02-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:45:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	18.21	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	17.43	ppb
Molybdenum	96-1	0.04	0.02	0.05	0.04	37.24	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	16.69	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.03	52.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.42	0.66	0.55	22.86	ppb
Phosphorus	31-2	824.22	836.79	714.46	791.82	8.50	ppb
Potassium	39-2	459.21	445.84	490.35	465.13	4.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	0.98	2.00	0.65	234.76	ppb
Selenium	82-1	0.92	-0.07	1.16	0.67	97.85	ppb
Silicon	28-1	929.39	905.99	1005.34	946.91	5.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.70	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.92	ppb
Sodium	23-2	9810.47	10040.77	9875.84	9909.02	1.20	ppb
Strontium	86-1	18.76	18.58	19.82	19.05	3.50	ppb
Strontium	88-1	18.76	18.48	19.85	19.03	3.79	ppb
Sulfur	34-1	-1491.95	-1486.55	-362.13	-1113.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	14.45	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.45	ppb
Tin	118-1	0.00	0.00	0.03	0.01	191.18	ppb
Titanium	47-1	0.34	0.27	0.64	0.41	47.25	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	28.05	ppb
Vanadium	51-2	0.12	0.01	0.08	0.07	79.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.43	16.92	17.19	17.18	1.50	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	7.18	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-02	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-02-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:45:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.07	0.05	34.66	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-03 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-04-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:48:25 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.33	39.07	4.41	16.61	117.30	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	7.92	ppb
Arsenic	75-2	0.55	0.22	0.30	0.36	48.11	ppb
Barium	135-1	13.31	13.74	13.45	13.50	1.65	ppb
Barium	137-1	13.57	13.33	13.66	13.52	1.26	ppb
Beryllium	9-1	-0.03	0.00	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.96	6.17	4.72	4.95	22.65	ppb
Boron	11-1	5.07	5.79	5.59	5.49	6.82	ppb
Cadmium	111-1	-0.08	-0.05	-0.09	-0.07		ppb
Cadmium	106-1	-1.14	-0.67	-1.31	-1.04		ppb
Cadmium	108-1	0.05	0.01	0.01	0.02	99.53	ppb
Calcium	43-1	5765.08	5715.90	5743.91	5741.63	0.43	ppb
Calcium	44-1	5876.46	5912.23	5945.13	5911.27	0.58	ppb
Chromium	52-2	-0.33	-0.39	-0.23	-0.32		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	184.05	182.52	178.71	181.76	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28.32	26.96	25.98	27.09	4.34	ppb
Iron	57-2	26.99	21.16	27.33	25.16	13.79	ppb
Lead	206-1	0.39	0.37	0.41	0.39	4.75	ppb
Lead	207-1	0.36	0.36	0.37	0.36	1.61	ppb
Lead	208-1	0.39	0.37	0.39	0.39	2.95	ppb
Lithium	6-1						%
Magnesium	24-2	1200.91	1186.05	1138.52	1175.16	2.77	ppb
Manganese	55-2	12.64	12.81	11.81	12.42	4.32	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-03	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-04-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:48:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.03	0.04	21.24	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	32.64	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	22.84	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	13.39	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	56.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.66	1.57	1.57	5.50	ppb
Phosphorus	31-2	838.02	508.40	722.33	689.58	24.25	ppb
Potassium	39-2	494.20	492.45	469.77	485.47	2.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.06	2.02	173.21	ppb
Selenium	78-2	0.01	1.00	2.07	1.03	100.57	ppb
Selenium	82-1	0.78	1.17	0.94	0.96	20.52	ppb
Silicon	28-1	917.85	897.23	924.25	913.11	1.55	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.05	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.65	ppb
Sodium	23-2	9820.65	9698.73	9594.37	9704.58	1.17	ppb
Strontium	86-1	18.63	18.16	18.52	18.44	1.33	ppb
Strontium	88-1	19.39	18.85	18.90	19.04	1.56	ppb
Sulfur	34-1	-1838.44	-1598.16	-1595.55	-1677.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.82	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.34	ppb
Tin	118-1	0.32	0.31	0.30	0.31	1.80	ppb
Titanium	47-1	0.19	0.21	0.26	0.22	16.40	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	25.28	ppb
Vanadium	51-2	0.07	0.05	0.05	0.05	23.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	150.67	152.34	145.94	149.65	2.22	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	16.05	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-03	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-04-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:48:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.02	0.03	46.37	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-04 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-05-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:51:35 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	4.26	4.42	2.73	102.36	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	12.07	ppb
Arsenic	75-2	0.55	0.35	0.37	0.42	25.64	ppb
Barium	135-1	13.36	13.21	13.34	13.30	0.63	ppb
Barium	137-1	13.21	13.38	13.72	13.44	1.92	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	427.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.35	4.57	6.14	5.02	19.50	ppb
Boron	11-1	5.37	5.34	5.53	5.41	1.89	ppb
Cadmium	111-1	-0.06	-0.12	-0.07	-0.08		ppb
Cadmium	106-1	-0.94	-1.74	-1.04	-1.24		ppb
Cadmium	108-1	-0.07	-0.03	0.01	-0.03		ppb
Calcium	43-1	5828.10	5769.23	5794.24	5797.19	0.51	ppb
Calcium	44-1	5932.08	5991.54	5913.88	5945.83	0.68	ppb
Chromium	52-2	-0.33	-0.47	-0.30	-0.37		ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	190.70	173.70	177.62	180.67	4.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31.73	49.03	29.97	36.91	28.54	ppb
Iron	57-2	22.37	27.26	30.84	26.82	15.85	ppb
Lead	206-1	0.19	0.22	0.18	0.19	10.30	ppb
Lead	207-1	0.17	0.17	0.18	0.17	3.25	ppb
Lead	208-1	0.18	0.18	0.18	0.18	1.99	ppb
Lithium	6-1						%
Magnesium	24-2	1273.46	1144.35	1220.00	1212.61	5.35	ppb
Manganese	55-2	13.61	12.27	11.96	12.61	6.97	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-04 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-05-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:51:35 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	67.21	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	58.82	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	6.87	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	42.70	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.52	0.31	0.42	25.45	ppb
Phosphorus	31-2	454.96	709.36	526.50	563.60	23.28	ppb
Potassium	39-2	520.13	469.00	478.33	489.15	5.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-1.03	-2.02	-1.69		ppb
Selenium	82-1	1.92	1.16	0.51	1.19	59.07	ppb
Silicon	28-1	880.67	881.95	884.05	882.22	0.19	ppb
Silver	109-1	0.01	0.02	0.01	0.01	27.47	ppb
Silver	107-1	0.01	0.01	0.02	0.01	57.39	ppb
Sodium	23-2	10406.13	9558.83	9763.45	9909.47	4.46	ppb
Strontium	86-1	17.93	18.22	18.23	18.13	0.94	ppb
Strontium	88-1	18.88	18.65	18.45	18.66	1.17	ppb
Sulfur	34-1	-1927.95	-1945.77	-1904.76	-1926.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.00	0.02	72.14	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	24.06	ppb
Tin	118-1	0.03	0.06	0.04	0.05	37.28	ppb
Titanium	47-1	0.14	0.15	0.20	0.16	20.75	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.99	ppb
Vanadium	51-2	0.09	0.09	0.07	0.08	11.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.33	15.12	15.64	15.70	3.87	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.72	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-04	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-05-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:51:35	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	59.68	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-05 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-06-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:54:46 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.35	0.98	11.13	5.49	94.15	ppb
Antimony	121-1	0.24	0.24	0.20	0.22	9.72	ppb
Arsenic	75-2	0.56	0.15	0.37	0.36	56.79	ppb
Barium	135-1	14.74	14.46	14.06	14.42	2.38	ppb
Barium	137-1	14.04	14.17	13.47	13.89	2.68	ppb
Beryllium	9-1	-0.04	0.02	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.07	7.25	6.07	6.46	10.59	ppb
Boron	11-1	6.15	6.72	6.64	6.50	4.76	ppb
Cadmium	111-1	-0.08	-0.07	-0.02	-0.05		ppb
Cadmium	106-1	-1.12	-1.20	-0.31	-0.87		ppb
Cadmium	108-1	0.17	-0.07	-0.03	0.02	571.62	ppb
Calcium	43-1	5710.19	5714.72	5807.59	5744.17	0.96	ppb
Calcium	44-1	5856.48	5830.51	6007.21	5898.07	1.62	ppb
Chromium	52-2	-0.23	-0.16	-0.18	-0.19		ppb
Cobalt	59-2	0.01	0.02	0.05	0.03	78.51	ppb
Copper	63-2	212.21	211.81	238.67	220.90	6.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	39.23	38.44	43.25	40.31	6.39	ppb
Iron	57-2	36.01	39.66	41.68	39.12	7.35	ppb
Lead	206-1	1.14	1.15	1.08	1.12	3.40	ppb
Lead	207-1	1.10	1.08	1.05	1.08	2.56	ppb
Lead	208-1	1.10	1.10	1.08	1.09	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	1290.09	1277.01	1441.26	1336.12	6.83	ppb
Manganese	55-2	14.68	14.83	17.27	15.60	9.32	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-05 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-06-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:54:46 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.03	0.02	63.58	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	30.70	ppb
Molybdenum	96-1	0.03	0.02	0.05	0.04	38.93	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	19.70	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	18.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.58	28.52	31.23	29.45	5.26	ppb
Phosphorus	31-2	497.91	695.28	890.58	694.59	28.27	ppb
Potassium	39-2	467.94	488.63	553.64	503.40	8.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-1.02	1.24	-0.60		ppb
Selenium	82-1	1.24	1.24	1.02	1.16	10.82	ppb
Silicon	28-1	877.61	874.36	882.20	878.05	0.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.52	ppb
Silver	107-1	0.01	0.01	0.00	0.01	55.32	ppb
Sodium	23-2	9376.50	9402.64	10470.42	9749.85	6.40	ppb
Strontium	86-1	18.55	19.01	18.49	18.68	1.51	ppb
Strontium	88-1	18.57	18.85	19.20	18.87	1.66	ppb
Sulfur	34-1	-2124.99	-2261.81	-1687.76	-2024.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	4.59	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.48	ppb
Tin	118-1	0.06	0.05	0.01	0.04	75.48	ppb
Titanium	47-1	0.30	0.18	0.20	0.22	29.98	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.27	ppb
Vanadium	51-2	0.06	0.07	0.10	0.08	28.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	40.47	37.63	44.49	40.86	8.44	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	17.79	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-05	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-06-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:54:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	10.81	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-06 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-07-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:57:56 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.47	-0.64	8.14	4.66	100.08	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	7.99	ppb
Arsenic	75-2	0.44	0.29	0.41	0.38	20.01	ppb
Barium	135-1	14.24	14.72	14.38	14.45	1.70	ppb
Barium	137-1	13.87	13.95	14.19	14.01	1.17	ppb
Beryllium	9-1	-0.03	0.06	0.01	0.01	398.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.79	6.16	5.01	5.66	10.35	ppb
Boron	11-1	5.20	5.45	5.82	5.49	5.68	ppb
Cadmium	111-1	-0.10	-0.05	0.01	-0.05		ppb
Cadmium	106-1	-1.69	-0.86	0.12	-0.81		ppb
Cadmium	108-1	-0.07	-0.11	0.01	-0.06		ppb
Calcium	43-1	5767.84	5728.29	5862.06	5786.07	1.19	ppb
Calcium	44-1	5961.33	5975.63	5960.27	5965.74	0.14	ppb
Chromium	52-2	-0.31	-0.26	-0.22	-0.27		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	204.41	198.98	199.09	200.83	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	37.26	35.16	37.23	36.55	3.29	ppb
Iron	57-2	40.31	49.82	35.89	42.01	16.95	ppb
Lead	206-1	0.28	0.29	0.24	0.27	8.68	ppb
Lead	207-1	0.25	0.22	0.19	0.22	14.41	ppb
Lead	208-1	0.24	0.25	0.22	0.24	5.98	ppb
Lithium	6-1						%
Magnesium	24-2	1193.19	1134.78	1161.89	1163.29	2.51	ppb
Manganese	55-2	12.71	14.22	12.90	13.27	6.19	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-06	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-07-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:57:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.00	0.02	87.21	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.03	24.89	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	35.08	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	35.51	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	30.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.77	0.65	0.78	17.84	ppb
Phosphorus	31-2	671.38	611.29	792.45	691.70	13.34	ppb
Potassium	39-2	489.38	502.37	511.24	501.00	2.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	-1.01	-1.01	-1.01		ppb
Selenium	82-1	0.64	1.75	1.02	1.13	49.55	ppb
Silicon	28-1	888.92	868.37	991.86	916.38	7.22	ppb
Silver	109-1	0.02	0.01	0.02	0.02	35.60	ppb
Silver	107-1	0.01	0.02	0.02	0.02	26.05	ppb
Sodium	23-2	9812.09	9733.29	9716.52	9753.97	0.52	ppb
Strontium	86-1	19.16	18.73	19.20	19.03	1.34	ppb
Strontium	88-1	19.21	19.04	19.13	19.13	0.46	ppb
Sulfur	34-1	-2151.87	-2176.81	-2002.41	-2110.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	27.63	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	24.68	ppb
Tin	118-1	0.02	0.01	0.01	0.02	46.58	ppb
Titanium	47-1	0.31	0.26	0.28	0.28	7.76	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	47.62	ppb
Vanadium	51-2	0.03	0.06	0.06	0.05	30.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.09	11.52	12.05	11.22	9.06	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	25.33	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-06	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-07-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:57:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	17.16	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-07 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-08-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:01:05 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.08	9.68	0.95	4.57	99.64	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	20.21	ppb
Arsenic	75-2	0.31	0.22	0.17	0.24	29.00	ppb
Barium	135-1	13.20	13.39	13.92	13.50	2.74	ppb
Barium	137-1	13.09	13.35	13.23	13.22	0.96	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.83	5.12	5.52	5.15	6.71	ppb
Boron	11-1	4.62	4.66	5.12	4.80	5.84	ppb
Cadmium	111-1	-0.09	-0.12	-0.01	-0.07		ppb
Cadmium	106-1	-1.30	-1.96	-0.38	-1.21		ppb
Cadmium	108-1	0.09	0.09	0.09	0.09	1.61	ppb
Calcium	43-1	5739.37	5839.75	5785.59	5788.24	0.87	ppb
Calcium	44-1	5840.52	5975.74	6034.15	5950.14	1.67	ppb
Chromium	52-2	-0.37	-0.27	-0.38	-0.34		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	122.40	ppb
Copper	63-2	278.83	261.52	256.61	265.65	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	32.84	32.95	45.09	36.96	19.05	ppb
Iron	57-2	22.77	27.20	25.00	24.99	8.86	ppb
Lead	206-1	1.47	1.52	1.41	1.47	3.59	ppb
Lead	207-1	1.42	1.30	1.35	1.36	4.55	ppb
Lead	208-1	1.43	1.42	1.41	1.42	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	1234.34	1202.98	1143.88	1193.73	3.85	ppb
Manganese	55-2	13.97	13.34	13.49	13.60	2.43	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-07 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-08-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:01:05 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	69.41	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.03	65.31	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	43.85	ppb
Molybdenum	97-1	-0.02	0.00	0.03	0.00	845.62	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	28.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	2.81	2.51	2.71	6.33	ppb
Phosphorus	31-2	633.57	805.11	544.68	661.12	20.02	ppb
Potassium	39-2	512.60	483.16	514.27	503.34	3.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.89	1.96	173.21	ppb
Selenium	78-2	-0.96	0.01	-0.03	-0.33		ppb
Selenium	82-1	0.86	0.91	1.30	1.02	23.55	ppb
Silicon	28-1	894.97	900.26	871.82	889.02	1.70	ppb
Silver	109-1	0.01	0.01	0.00	0.01	66.73	ppb
Silver	107-1	0.00	0.02	0.01	0.01	91.50	ppb
Sodium	23-2	10131.38	9659.33	9435.61	9742.11	3.65	ppb
Strontium	86-1	18.73	18.49	18.73	18.65	0.73	ppb
Strontium	88-1	18.80	18.52	18.32	18.55	1.30	ppb
Sulfur	34-1	-2296.59	-2464.24	-2076.70	-2279.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	14.48	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	27.79	ppb
Tin	118-1	0.03	0.05	0.01	0.03	52.67	ppb
Titanium	47-1	0.13	0.19	0.18	0.17	17.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	88.69	ppb
Vanadium	51-2	0.06	0.05	0.03	0.05	28.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	275.03	260.13	259.28	264.81	3.34	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	22.16	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-07	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-08-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:01:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.05	0.04	63.69	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.23	1.44	-0.50	-0.43		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.02	-0.01	-0.03	-0.01		ppb
Barium	135-1	-0.15	-0.14	-0.14	-0.14		ppb
Barium	137-1	-0.15	-0.14	-0.15	-0.15		ppb
Beryllium	9-1	-0.01	0.04	-0.01	0.01	430.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.61	1.25	1.03	0.96	33.99	ppb
Boron	11-1	0.76	0.64	0.93	0.78	18.42	ppb
Cadmium	111-1	-0.13	-0.08	-0.06	-0.09		ppb
Cadmium	106-1	-1.75	-1.15	-0.86	-1.25		ppb
Cadmium	108-1	-0.02	-0.02	-0.07	-0.04		ppb
Calcium	43-1	-32.59	-15.31	-27.15	-25.02		ppb
Calcium	44-1	-9.97	-5.35	-7.94	-7.75		ppb
Chromium	52-2	-0.38	-0.38	-0.30	-0.35		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.03	0.01	0.02	64.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.41	-0.81	-0.80	-0.67		ppb
Iron	57-2	-2.44	0.78	-3.58	-1.75		ppb
Lead	206-1	489.88	530.50	495.04	505.14	4.38	ppb
Lead	207-1	484.07	524.63	488.34	499.01	4.47	ppb
Lead	208-1	491.18	533.58	492.35	505.70	4.78	ppb
Lithium	6-1						%
Magnesium	24-2	0.17	1.67	1.53	1.12	73.83	ppb
Manganese	55-2	0.09	0.15	0.07	0.10	41.46	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	-0.09	0.01	657.20	ppb
Phosphorus	31-2	-12.56	40.59	13.38	13.81	192.54	ppb
Potassium	39-2	-9.42	-20.66	-21.05	-17.05		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	2.28	-0.95	0.13	1481.84	ppb
Selenium	82-1	0.63	0.61	0.24	0.49	44.48	ppb
Silicon	28-1	-43.46	-29.65	-47.04	-40.05		ppb
Silver	109-1	0.01	0.01	0.00	0.01	37.08	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	28.24	24.10	24.77	25.70	8.64	ppb
Strontium	86-1	-0.04	-0.06	0.00	-0.03		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	128.99	ppb
Sulfur	34-1	-2328.62	-1173.07	-2350.80	-1950.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	33.35	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	17.04	ppb
Tin	118-1	-0.02	0.00	-0.03	-0.02		ppb
Titanium	47-1	-0.05	-0.06	-0.01	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	98.27	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	144.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.30	0.36	0.25	0.31	17.86	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.14	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	-0.01	0.00	379.04	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:07:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	1.48	3.24	1.43	127.93	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.05	-0.03	-0.03	-0.04		ppb
Barium	135-1	-0.15	-0.11	-0.14	-0.13		ppb
Barium	137-1	-0.15	-0.15	-0.15	-0.15		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.30	0.60	0.25	0.72	74.20	ppb
Boron	11-1	0.88	1.05	0.78	0.90	15.11	ppb
Cadmium	111-1	-0.08	-0.11	0.01	-0.06		ppb
Cadmium	106-1	-1.16	-1.56	0.21	-0.84		ppb
Cadmium	108-1	-0.07	-0.11	-0.11	-0.10		ppb
Calcium	43-1	-26.32	-26.28	-27.03	-26.54		ppb
Calcium	44-1	-11.49	-2.82	-13.41	-9.24		ppb
Chromium	52-2	-0.03	-0.09	-0.08	-0.07		ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.01	0.01	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.84	-0.70	-0.82	-0.79		ppb
Iron	57-2	-4.10	-0.82	3.43	-0.50		ppb
Lead	206-1	0.02	0.05	0.04	0.03	40.33	ppb
Lead	207-1	0.02	0.04	0.02	0.03	42.21	ppb
Lead	208-1	0.02	0.04	0.02	0.03	43.78	ppb
Lithium	6-1						%
Magnesium	24-2	-1.09	-2.24	0.85	-0.83		ppb
Manganese	55-2	-0.01	0.09	0.09	0.06	103.52	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:07:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.06	-0.09	-0.05		ppb
Phosphorus	31-2	13.92	-12.56	-12.56	-3.73		ppb
Potassium	39-2	-5.79	-25.83	-25.93	-19.18		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.25	0.00	2.08	173.21	ppb
Selenium	78-2	0.11	-2.02	-0.95	-0.95		ppb
Selenium	82-1	0.76	1.28	0.74	0.93	33.28	ppb
Silicon	28-1	-43.85	-29.80	-43.91	-39.18		ppb
Silver	109-1	0.00	0.01	0.00	0.01	49.13	ppb
Silver	107-1	-0.01	0.01	0.00	0.00		ppb
Sodium	23-2	18.20	22.36	30.60	23.72	26.61	ppb
Strontium	86-1	0.02	0.01	-0.06	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1950.91	-651.78	-2104.95	-1569.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	60.35	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	36.09	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.11	-0.09	0.00	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	23.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.23	0.03	0.13	0.13	75.42	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	15.13	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:07:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.02	0.01	0.00		ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-08 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-09-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:10:35 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.48	7.85	9.54	7.29	35.36	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	4.73	ppb
Arsenic	75-2	0.30	0.39	0.26	0.32	21.10	ppb
Barium	135-1	13.68	12.91	13.18	13.26	2.95	ppb
Barium	137-1	13.75	13.38	13.19	13.44	2.13	ppb
Beryllium	9-1	0.00	-0.04	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.54	5.12	4.04	4.23	19.02	ppb
Boron	11-1	4.34	4.56	4.53	4.48	2.72	ppb
Cadmium	111-1	0.00	-0.05	-0.06	-0.04		ppb
Cadmium	106-1	-0.13	-0.84	-0.80	-0.59		ppb
Cadmium	108-1	0.01	-0.07	-0.03	-0.03		ppb
Calcium	43-1	5822.19	5896.32	5946.70	5888.40	1.06	ppb
Calcium	44-1	5976.20	5968.28	6037.28	5993.92	0.63	ppb
Chromium	52-2	-0.28	-0.13	-0.25	-0.22		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	233.44	235.32	230.84	233.20	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36.49	36.20	34.47	35.72	3.06	ppb
Iron	57-2	34.12	38.91	41.88	38.30	10.22	ppb
Lead	206-1	0.57	0.61	0.57	0.58	3.84	ppb
Lead	207-1	0.53	0.53	0.54	0.54	1.09	ppb
Lead	208-1	0.54	0.55	0.55	0.55	1.05	ppb
Lithium	6-1						%
Magnesium	24-2	1229.28	1169.94	1169.09	1189.44	2.90	ppb
Manganese	55-2	19.32	18.83	17.79	18.65	4.21	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-08	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-09-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:10:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.04	0.02	66.28	ppb
Molybdenum	95-1	0.04	0.03	0.07	0.05	38.79	ppb
Molybdenum	96-1	0.01	0.03	0.04	0.03	69.44	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	43.54	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	55.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.57	0.40	0.45	21.93	ppb
Phosphorus	31-2	530.43	1067.53	649.53	749.16	37.65	ppb
Potassium	39-2	507.86	454.96	467.20	476.67	5.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	-2.02	-2.02	-1.69		ppb
Selenium	82-1	1.67	1.09	0.89	1.22	33.25	ppb
Silicon	28-1	869.37	886.19	918.95	891.50	2.83	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.32	ppb
Silver	107-1	0.01	0.00	0.00	0.00	96.61	ppb
Sodium	23-2	9680.55	9631.37	9509.29	9607.07	0.92	ppb
Strontium	86-1	18.29	18.37	18.50	18.39	0.58	ppb
Strontium	88-1	18.57	18.73	18.86	18.72	0.79	ppb
Sulfur	34-1	-2008.76	-1898.27	-1635.75	-1847.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.02	0.02	43.01	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	33.33	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	1633.90	ppb
Titanium	47-1	0.44	0.27	0.22	0.31	38.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.13	ppb
Vanadium	51-2	0.10	0.04	0.03	0.05	69.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	82.34	81.09	79.08	80.84	2.03	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.91	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-08	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-09-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:10:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.01	31.02	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-09 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-11-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:13:45 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	-2.37	16.61	5.08	199.26	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	28.32	ppb
Arsenic	75-2	0.27	0.20	0.27	0.25	16.19	ppb
Barium	135-1	13.32	13.18	13.15	13.21	0.69	ppb
Barium	137-1	13.47	13.46	13.12	13.35	1.50	ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.31	3.71	4.25	3.76	12.64	ppb
Boron	11-1	4.65	4.64	4.62	4.64	0.34	ppb
Cadmium	111-1	-0.02	-0.06	-0.14	-0.07		ppb
Cadmium	106-1	-0.51	-1.27	-2.10	-1.29		ppb
Cadmium	108-1	0.17	-0.07	0.25	0.11	144.53	ppb
Calcium	43-1	5831.61	5648.62	5784.29	5754.84	1.65	ppb
Calcium	44-1	6065.70	5850.00	6020.30	5978.67	1.90	ppb
Chromium	52-2	-0.19	-0.15	-0.28	-0.20		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	265.22	ppb
Copper	63-2	270.79	275.61	273.92	273.44	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.28	26.08	25.28	25.55	1.81	ppb
Iron	57-2	25.36	19.82	21.67	22.28	12.65	ppb
Lead	206-1	0.75	0.75	0.71	0.74	3.06	ppb
Lead	207-1	0.71	0.69	0.67	0.69	2.68	ppb
Lead	208-1	0.71	0.71	0.71	0.71	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	1199.60	1196.54	1165.67	1187.27	1.58	ppb
Manganese	55-2	10.63	9.91	9.70	10.08	4.82	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-09 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-11-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:13:45 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.01	0.03	0.01	131.38	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	30.16	ppb
Molybdenum	96-1	0.06	0.02	0.01	0.03	93.44	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	37.89	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	29.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.79	3.15	2.85	2.93	6.52	ppb
Phosphorus	31-2	477.77	762.06	582.90	607.57	23.66	ppb
Potassium	39-2	450.25	469.04	469.01	462.77	2.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.97	1.99	173.21	ppb
Selenium	78-2	-1.01	-1.01	-1.01	-1.01		ppb
Selenium	82-1	0.41	1.29	1.58	1.10	55.64	ppb
Silicon	28-1	874.34	850.27	865.83	863.48	1.41	ppb
Silver	109-1	0.01	0.02	0.01	0.01	42.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00	56.38	ppb
Sodium	23-2	9647.72	9670.70	9629.92	9649.45	0.21	ppb
Strontium	86-1	17.91	18.04	18.29	18.08	1.06	ppb
Strontium	88-1	18.74	18.92	18.85	18.84	0.46	ppb
Sulfur	34-1	-1702.37	-1904.91	-1624.44	-1743.91		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	20.29	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	11.19	ppb
Tin	118-1	0.03	0.01	0.03	0.02	47.49	ppb
Titanium	47-1	0.22	1.08	0.23	0.51	96.79	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	41.13	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	18.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	263.71	270.72	263.66	266.03	1.53	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	17.88	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-09	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-11-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:13:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.02	0.03	44.03	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-10 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-12-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:16:55 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	4.95	6.69	4.26	66.69	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	26.09	ppb
Arsenic	75-2	0.37	0.35	0.39	0.37	5.77	ppb
Barium	135-1	12.93	13.02	13.51	13.15	2.39	ppb
Barium	137-1	12.98	12.97	12.79	12.91	0.80	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	237.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.27	5.24	4.94	4.82	10.25	ppb
Boron	11-1	4.52	4.84	4.71	4.69	3.33	ppb
Cadmium	111-1	-0.13	-0.02	-0.07	-0.07		ppb
Cadmium	106-1	-1.95	-0.64	-1.18	-1.25		ppb
Cadmium	108-1	-0.03	-0.11	0.01	-0.04		ppb
Calcium	43-1	5792.76	5794.97	5703.00	5763.58	0.91	ppb
Calcium	44-1	5987.80	5898.84	5854.49	5913.71	1.15	ppb
Chromium	52-2	-0.36	-0.30	-0.29	-0.32		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	251.77	260.06	257.96	256.60	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29.48	29.88	31.53	30.30	3.60	ppb
Iron	57-2	30.74	21.92	28.08	26.91	16.81	ppb
Lead	206-1	0.88	0.93	0.86	0.89	4.20	ppb
Lead	207-1	0.83	0.80	0.76	0.79	4.43	ppb
Lead	208-1	0.87	0.84	0.81	0.84	3.67	ppb
Lithium	6-1						%
Magnesium	24-2	1190.08	1183.39	1199.88	1191.12	0.70	ppb
Manganese	55-2	14.64	14.92	14.01	14.52	3.21	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-10	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-12-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:16:55	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	134.65	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	36.74	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	24.20	ppb
Molybdenum	97-1	0.01	0.01	0.03	0.02	49.24	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	45.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.51	0.57	0.57	10.20	ppb
Phosphorus	31-2	565.66	534.38	608.50	569.51	6.53	ppb
Potassium	39-2	459.79	471.31	495.73	475.61	3.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.05	-0.99	-0.30		ppb
Selenium	82-1	1.05	1.42	0.80	1.09	28.40	ppb
Silicon	28-1	950.48	884.32	915.60	916.80	3.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.52	ppb
Silver	107-1	0.00	0.01	0.00	0.01	72.74	ppb
Sodium	23-2	9545.79	9881.54	9722.30	9716.55	1.73	ppb
Strontium	86-1	18.78	18.46	17.91	18.38	2.40	ppb
Strontium	88-1	18.97	18.69	18.70	18.78	0.85	ppb
Sulfur	34-1	-1563.00	-1582.45	-1510.02	-1551.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.03	0.01	0.02	77.69	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	55.48	ppb
Tin	118-1	0.03	0.00	-0.01	0.01	239.81	ppb
Titanium	47-1	0.27	0.25	0.22	0.25	10.84	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	20.07	ppb
Vanadium	51-2	0.05	0.09	0.04	0.06	46.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	119.09	120.49	119.36	119.65	0.62	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	45.91	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-10	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-12-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:16:55	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.03	0.02	103.69	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-11 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-13-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:20:05 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.13	11.58	10.36	10.02	17.44	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	19.68	ppb
Arsenic	75-2	0.23	0.53	0.30	0.35	45.01	ppb
Barium	135-1	13.75	13.82	13.56	13.71	1.00	ppb
Barium	137-1	13.98	13.54	13.70	13.74	1.60	ppb
Beryllium	9-1	-0.04	0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.30	4.18	4.25	4.24	1.43	ppb
Boron	11-1	4.37	4.15	5.06	4.53	10.42	ppb
Cadmium	111-1	-0.09	-0.06	-0.08	-0.08		ppb
Cadmium	106-1	-1.16	-0.80	-1.24	-1.07		ppb
Cadmium	108-1	0.21	0.13	0.09	0.14	40.63	ppb
Calcium	43-1	6980.88	6874.37	6956.62	6937.29	0.80	ppb
Calcium	44-1	7070.63	6929.20	7035.82	7011.88	1.05	ppb
Chromium	52-2	-0.20	-0.27	-0.16	-0.21		ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	78.15	ppb
Copper	63-2	87.56	87.84	90.71	88.70	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	42.58	42.52	45.22	43.44	3.55	ppb
Iron	57-2	37.89	34.70	55.24	42.61	25.95	ppb
Lead	206-1	5.46	5.31	5.17	5.31	2.79	ppb
Lead	207-1	4.92	4.85	4.93	4.90	0.92	ppb
Lead	208-1	5.17	5.12	5.02	5.10	1.50	ppb
Lithium	6-1						%
Magnesium	24-2	1011.11	1009.49	1036.15	1018.91	1.47	ppb
Manganese	55-2	18.19	17.03	18.56	17.92	4.46	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-11	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-13-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:20:05	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	41.99	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	16.90	ppb
Molybdenum	96-1	0.01	0.04	0.02	0.02	79.73	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.03	63.63	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	16.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.51	1.58	1.52	3.85	ppb
Phosphorus	31-2	640.73	588.64	637.02	622.13	4.67	ppb
Potassium	39-2	454.15	462.12	508.11	474.79	6.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.99	0.02	-2.02	-1.00		ppb
Selenium	82-1	1.14	1.03	0.44	0.87	42.92	ppb
Silicon	28-1	895.28	890.97	903.53	896.59	0.71	ppb
Silver	109-1	0.01	0.02	0.01	0.01	39.39	ppb
Silver	107-1	0.00	0.00	0.01	0.00	166.50	ppb
Sodium	23-2	9563.45	9600.85	9870.68	9678.33	1.73	ppb
Strontium	86-1	21.28	21.77	22.00	21.68	1.71	ppb
Strontium	88-1	22.10	22.30	22.47	22.29	0.84	ppb
Sulfur	34-1	-1748.53	-1695.93	-1528.63	-1657.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	10.34	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	30.52	ppb
Tin	118-1	0.29	0.04	0.01	0.11	136.46	ppb
Titanium	47-1	0.23	0.39	0.11	0.24	56.68	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.89	ppb
Vanadium	51-2	0.10	0.07	0.11	0.09	22.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.03	26.61	28.28	27.64	3.27	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	17.88	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-11	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-13-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:20:05	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	125.15	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-12 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-14-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:23:16 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.51	23.03	11.15	15.23	44.36	ppb
Antimony	121-1	0.05	0.03	0.03	0.04	35.32	ppb
Arsenic	75-2	0.45	0.51	0.27	0.41	31.48	ppb
Barium	135-1	15.87	14.12	13.86	14.62	7.47	ppb
Barium	137-1	15.66	14.56	13.97	14.73	5.83	ppb
Beryllium	9-1	-0.02	0.00	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.12	4.54	4.05	4.90	22.14	ppb
Boron	11-1	4.35	4.72	4.82	4.63	5.34	ppb
Cadmium	111-1	-0.10	-0.06	-0.09	-0.08		ppb
Cadmium	106-1	-1.46	-0.93	-1.25	-1.21		ppb
Cadmium	108-1	-0.11	0.05	-0.03	-0.03		ppb
Calcium	43-1	7603.71	6891.77	6966.51	7154.00	5.47	ppb
Calcium	44-1	7818.70	6965.86	7180.91	7321.82	6.06	ppb
Chromium	52-2	-0.23	-0.40	-0.30	-0.31		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	57.18	55.64	55.07	55.97	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.17	42.37	43.23	45.93	11.82	ppb
Iron	57-2	39.62	35.63	39.10	38.12	5.70	ppb
Lead	206-1	0.64	0.61	0.60	0.62	3.11	ppb
Lead	207-1	0.71	0.53	0.58	0.60	15.22	ppb
Lead	208-1	0.66	0.55	0.58	0.60	9.90	ppb
Lithium	6-1						%
Magnesium	24-2	1048.89	1025.15	963.27	1012.44	4.37	ppb
Manganese	55-2	15.16	15.71	16.33	15.73	3.69	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-12 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-14-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:23:16 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	84.64	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	18.69	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	20.22	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	39.02	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	28.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.24	0.30	0.25	17.57	ppb
Phosphorus	31-2	586.19	474.99	523.58	528.25	10.55	ppb
Potassium	39-2	506.13	471.06	491.45	489.55	3.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	-0.03	-2.02	-1.03		ppb
Selenium	82-1	0.72	1.34	0.53	0.86	48.88	ppb
Silicon	28-1	1008.05	893.01	879.97	927.01	7.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	73.54	ppb
Silver	107-1	0.00	0.00	0.00	0.00	130.86	ppb
Sodium	23-2	9788.01	9512.75	9411.50	9570.75	2.04	ppb
Strontium	86-1	24.33	22.14	21.34	22.60	6.85	ppb
Strontium	88-1	25.27	22.41	21.97	23.22	7.71	ppb
Sulfur	34-1	-362.06	-1959.78	-1738.93	-1353.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.02	40.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.85	ppb
Tin	118-1	-0.02	0.00	0.03	0.00	534.24	ppb
Titanium	47-1	0.30	0.26	0.26	0.28	8.60	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.68	ppb
Vanadium	51-2	0.13	0.11	0.19	0.14	31.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.82	6.66	7.00	6.83	2.43	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.73	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-12	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-14-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:23:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.03	0.02	110.44	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-13	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-15-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:26:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.96	8.08	16.64	12.22	35.05	ppb
Antimony	121-1	0.10	0.12	0.11	0.11	8.36	ppb
Arsenic	75-2	0.27	0.41	0.31	0.33	21.13	ppb
Barium	135-1	13.53	13.50	13.17	13.40	1.48	ppb
Barium	137-1	12.99	13.28	13.50	13.25	1.92	ppb
Beryllium	9-1	0.00	-0.04	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.54	4.42	3.99	4.65	17.13	ppb
Boron	11-1	4.83	4.96	4.37	4.72	6.58	ppb
Cadmium	111-1	-0.08	-0.07	-0.10	-0.08		ppb
Cadmium	106-1	-1.04	-0.97	-1.53	-1.18		ppb
Cadmium	108-1	0.12	-0.07	-0.03	0.01	1513.16	ppb
Calcium	43-1	7119.80	7111.32	7048.74	7093.29	0.55	ppb
Calcium	44-1	7315.38	7282.63	7123.10	7240.37	1.42	ppb
Chromium	52-2	-0.16	-0.26	-0.33	-0.25		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	120.60	115.84	113.21	116.55	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.67	46.95	45.83	46.82	1.98	ppb
Iron	57-2	51.35	42.82	49.57	47.91	9.39	ppb
Lead	206-1	5.52	5.57	5.73	5.60	1.97	ppb
Lead	207-1	5.04	5.16	5.09	5.10	1.20	ppb
Lead	208-1	5.36	5.45	5.37	5.40	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	1040.88	975.87	973.95	996.90	3.82	ppb
Manganese	55-2	8.61	8.15	8.97	8.57	4.76	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-13 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-15-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:26:26 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	80.86	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	33.29	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	22.72	ppb
Molybdenum	97-1	0.02	0.06	0.00	0.03	129.34	ppb
Molybdenum	98-1	0.01	0.04	0.03	0.03	46.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.33	0.33	0.35	11.41	ppb
Phosphorus	31-2	705.85	638.06	533.98	625.96	13.83	ppb
Potassium	39-2	488.59	466.70	453.51	469.60	3.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.97	0.00	5.97	5.98	100.09	ppb
Selenium	78-2	-1.01	-1.01	-2.02	-1.35		ppb
Selenium	82-1	1.13	1.32	1.36	1.27	9.95	ppb
Silicon	28-1	934.91	937.60	931.77	934.76	0.31	ppb
Silver	109-1	0.00	0.00	0.01	0.00	167.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10140.15	9824.97	9815.66	9926.92	1.86	ppb
Strontium	86-1	22.32	21.84	22.85	22.34	2.26	ppb
Strontium	88-1	22.65	22.79	22.54	22.66	0.56	ppb
Sulfur	34-1	-1359.79	-1578.51	-1707.91	-1548.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	45.91	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	27.55	ppb
Tin	118-1	0.04	0.04	0.02	0.03	31.70	ppb
Titanium	47-1	0.14	0.23	0.10	0.16	43.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.92	ppb
Vanadium	51-2	0.07	0.08	0.10	0.08	16.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	26.14	25.42	25.61	25.72	1.43	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	27.60	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-13	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-15-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:26:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	43.43	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-14 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-16-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:29:36 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.17	16.01	8.56	14.91	39.46	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	29.29	ppb
Arsenic	75-2	0.39	0.47	0.37	0.41	12.17	ppb
Barium	135-1	14.38	14.37	13.69	14.15	2.79	ppb
Barium	137-1	14.34	14.06	13.86	14.08	1.71	ppb
Beryllium	9-1	-0.02	-0.03	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.89	4.85	5.32	4.69	15.57	ppb
Boron	11-1	4.45	5.27	4.67	4.80	8.89	ppb
Cadmium	111-1	-0.12	-0.05	-0.04	-0.07		ppb
Cadmium	106-1	-1.70	-0.64	-0.66	-1.00		ppb
Cadmium	108-1	-0.03	-0.07	0.01	-0.03		ppb
Calcium	43-1	6921.07	6766.86	6988.09	6892.01	1.65	ppb
Calcium	44-1	7109.38	7084.99	7080.84	7091.74	0.22	ppb
Chromium	52-2	-0.20	-0.13	-0.15	-0.16		ppb
Cobalt	59-2	0.00	0.00	0.02	0.00	216.17	ppb
Copper	63-2	69.28	68.01	66.94	68.08	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	54.89	50.50	51.73	52.37	4.32	ppb
Iron	57-2	40.25	46.81	58.47	48.51	19.03	ppb
Lead	206-1	2.55	2.71	2.68	2.65	3.25	ppb
Lead	207-1	2.34	2.48	2.45	2.42	3.13	ppb
Lead	208-1	2.52	2.56	2.53	2.54	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	1089.50	1034.36	1012.78	1045.55	3.78	ppb
Manganese	55-2	17.76	16.88	17.09	17.25	2.68	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-14 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-16-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:29:36 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.01	31.74	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	31.62	ppb
Molybdenum	96-1	0.03	0.00	0.03	0.02	69.18	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	31.45	ppb
Molybdenum	98-1	0.02	0.04	0.01	0.02	71.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.32	0.27	17.99	ppb
Phosphorus	31-2	685.30	1038.60	715.57	813.16	24.08	ppb
Potassium	39-2	530.24	522.21	486.77	513.07	4.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.22	-2.02	0.06	-0.25		ppb
Selenium	82-1	1.21	1.20	0.69	1.03	29.21	ppb
Silicon	28-1	904.11	894.61	909.67	902.80	0.84	ppb
Silver	109-1	0.00	0.00	0.01	0.01	68.64	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	753.49	ppb
Sodium	23-2	10209.71	9845.56	9763.84	9939.70	2.39	ppb
Strontium	86-1	22.64	22.38	21.77	22.27	2.00	ppb
Strontium	88-1	22.42	22.37	22.03	22.27	0.94	ppb
Sulfur	34-1	-993.29	-1100.51	-947.42	-1013.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	46.12	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	11.63	ppb
Tin	118-1	0.03	0.03	0.02	0.03	15.93	ppb
Titanium	47-1	0.31	0.30	0.32	0.31	3.76	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	18.96	ppb
Vanadium	51-2	0.07	0.09	0.13	0.10	30.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.82	6.71	6.93	7.15	8.27	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.86	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-14	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-16-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:29:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	20.23	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-15 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-18-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:32:46 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.08	19.93	6.61	13.21	50.42	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	11.99	ppb
Arsenic	75-2	0.27	0.58	0.39	0.42	37.79	ppb
Barium	135-1	13.56	13.59	13.56	13.57	0.12	ppb
Barium	137-1	14.01	14.03	13.93	13.99	0.40	ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.19	4.05	4.06	4.43	14.76	ppb
Boron	11-1	4.59	4.54	5.05	4.73	5.89	ppb
Cadmium	111-1	-0.05	-0.01	-0.06	-0.04		ppb
Cadmium	106-1	-0.70	-0.10	-0.86	-0.55		ppb
Cadmium	108-1	-0.03	0.08	-0.11	-0.02		ppb
Calcium	43-1	7022.85	6809.55	6991.88	6941.43	1.66	ppb
Calcium	44-1	7255.82	7133.60	7029.51	7139.64	1.59	ppb
Chromium	52-2	-0.28	0.04	-0.22	-0.15		ppb
Cobalt	59-2	0.00	0.00	-0.02	0.00		ppb
Copper	63-2	69.64	90.61	72.00	77.42	14.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.97	67.62	50.30	55.96	18.04	ppb
Iron	57-2	48.27	63.24	55.58	55.70	13.44	ppb
Lead	206-1	2.85	2.87	3.02	2.91	3.25	ppb
Lead	207-1	2.61	2.50	2.55	2.55	2.20	ppb
Lead	208-1	2.73	2.69	2.76	2.73	1.38	ppb
Lithium	6-1						%
Magnesium	24-2	962.38	1227.44	1025.78	1071.87	12.91	ppb
Manganese	55-2	15.55	18.56	13.94	16.02	14.64	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-15	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-18-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:32:46	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.00	0.01	222.40	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	12.28	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.03	41.61	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	16.48	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	21.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.13	0.76	0.92	21.26	ppb
Phosphorus	31-2	580.41	615.44	475.31	557.05	13.09	ppb
Potassium	39-2	488.41	606.12	445.16	513.23	16.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-2.02	-2.02	-1.34		ppb
Selenium	82-1	0.49	1.11	1.61	1.07	52.32	ppb
Silicon	28-1	908.82	918.30	902.69	909.94	0.86	ppb
Silver	109-1	0.01	0.01	0.00	0.01	47.65	ppb
Silver	107-1	0.01	0.00	0.00	0.01	23.86	ppb
Sodium	23-2	9513.21	12316.28	9832.49	10553.99	14.54	ppb
Strontium	86-1	22.16	21.77	22.65	22.19	1.98	ppb
Strontium	88-1	22.33	22.23	22.45	22.34	0.48	ppb
Sulfur	34-1	-1557.66	-1663.87	-1458.33	-1559.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	74.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.23	ppb
Tin	118-1	0.02	0.01	-0.02	0.01	346.85	ppb
Titanium	47-1	0.25	0.19	0.25	0.23	14.16	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.75	ppb
Vanadium	51-2	0.17	0.18	0.13	0.16	16.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.71	16.73	14.29	14.91	10.74	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	18.98	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-15	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-18-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:32:46	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	66.24	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-16 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-19-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:35:56 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.76	15.12	23.53	16.13	43.02	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	11.00	ppb
Arsenic	75-2	0.25	0.36	0.41	0.34	23.97	ppb
Barium	135-1	14.26	13.92	15.37	14.52	5.23	ppb
Barium	137-1	14.09	14.13	15.12	14.45	4.04	ppb
Beryllium	9-1	0.01	0.00	-0.05	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.42	2.84	4.36	3.54	21.65	ppb
Boron	11-1	4.81	4.60	4.76	4.72	2.32	ppb
Cadmium	111-1	-0.06	-0.12	-0.11	-0.10		ppb
Cadmium	106-1	-0.89	-1.71	-1.55	-1.38		ppb
Cadmium	108-1	0.05	0.01	-0.03	0.01	397.14	ppb
Calcium	43-1	7033.10	7135.24	7477.49	7215.28	3.23	ppb
Calcium	44-1	7107.68	7276.66	7578.19	7320.84	3.26	ppb
Chromium	52-2	-0.29	-0.21	-0.33	-0.28		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	60.67	62.78	61.28	61.58	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.79	45.92	47.24	46.32	1.73	ppb
Iron	57-2	46.67	28.15	44.97	39.93	25.64	ppb
Lead	206-1	0.68	0.66	0.76	0.70	7.32	ppb
Lead	207-1	0.57	0.66	0.70	0.65	10.73	ppb
Lead	208-1	0.65	0.67	0.72	0.68	5.36	ppb
Lithium	6-1						%
Magnesium	24-2	984.97	1007.11	998.74	996.94	1.12	ppb
Manganese	55-2	14.88	14.76	15.01	14.88	0.84	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-16	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-19-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:35:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	122.98	ppb
Molybdenum	95-1	0.04	0.01	0.03	0.03	49.89	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	49.47	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.03	30.02	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.37	0.19	0.28	31.45	ppb
Phosphorus	31-2	684.89	766.16	732.04	727.70	5.61	ppb
Potassium	39-2	449.27	452.66	461.41	454.45	1.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	11.96	0.00	3.99	173.21	ppb
Selenium	78-2	-2.02	-2.02	0.00	-1.35		ppb
Selenium	82-1	1.64	1.44	0.91	1.33	28.67	ppb
Silicon	28-1	892.62	903.85	970.49	922.32	4.56	ppb
Silver	109-1	0.01	0.00	0.00	0.00	103.29	ppb
Silver	107-1	0.00	0.01	0.01	0.00	145.41	ppb
Sodium	23-2	9487.52	9696.89	9525.13	9569.85	1.17	ppb
Strontium	86-1	21.63	22.47	22.66	22.26	2.48	ppb
Strontium	88-1	22.33	22.49	23.77	22.86	3.46	ppb
Sulfur	34-1	-1545.94	-1227.10	-452.06	-1075.03		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	39.50	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	39.18	ppb
Tin	118-1	0.01	0.03	0.01	0.02	79.15	ppb
Titanium	47-1	0.31	0.27	0.26	0.28	8.28	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.58	ppb
Vanadium	51-2	0.02	0.13	0.11	0.09	69.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.34	8.03	6.48	7.28	10.67	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	30.77	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-16	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-19-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:35:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.07	0.04	75.72	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-17 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-20-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:39:06 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.13	11.70	9.61	12.15	22.96	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	11.26	ppb
Arsenic	75-2	0.33	0.26	0.54	0.38	38.24	ppb
Barium	135-1	13.56	13.69	13.36	13.54	1.21	ppb
Barium	137-1	13.67	13.33	13.52	13.51	1.23	ppb
Beryllium	9-1	-0.01	-0.02	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.46	4.41	4.18	4.02	12.32	ppb
Boron	11-1	4.17	4.29	4.32	4.26	1.89	ppb
Cadmium	111-1	-0.12	0.00	-0.13	-0.08		ppb
Cadmium	106-1	-1.78	-0.22	-2.04	-1.35		ppb
Cadmium	108-1	0.01	0.05	0.13	0.06	100.42	ppb
Calcium	43-1	7012.71	6923.73	7128.25	7021.56	1.46	ppb
Calcium	44-1	7147.09	7189.63	7268.07	7201.60	0.85	ppb
Chromium	52-2	-0.17	-0.35	-0.29	-0.27		ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	53.04	ppb
Copper	63-2	122.76	123.76	119.35	121.96	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.61	47.80	43.13	45.51	5.13	ppb
Iron	57-2	42.02	49.43	40.59	44.01	10.78	ppb
Lead	206-1	64.15	64.05	64.12	64.11	0.08	ppb
Lead	207-1	57.29	57.00	57.79	57.36	0.70	ppb
Lead	208-1	60.53	60.22	60.30	60.35	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	969.27	997.81	958.77	975.28	2.07	ppb
Manganese	55-2	10.71	10.27	9.83	10.27	4.27	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-17	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-20-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:39:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	85.51	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	44.81	ppb
Molybdenum	96-1	0.07	0.02	0.04	0.04	56.81	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	18.00	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.03	42.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.10	4.45	3.90	4.15	6.76	ppb
Phosphorus	31-2	615.95	492.46	578.87	562.43	11.27	ppb
Potassium	39-2	447.87	464.61	454.85	455.78	1.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	-2.02	-1.02	-1.35		ppb
Selenium	82-1	1.20	0.43	1.07	0.90	45.55	ppb
Silicon	28-1	912.27	885.36	906.10	901.24	1.56	ppb
Silver	109-1	0.02	0.02	0.01	0.02	32.58	ppb
Silver	107-1	0.02	0.01	0.02	0.02	13.77	ppb
Sodium	23-2	10036.26	9936.66	9629.66	9867.52	2.15	ppb
Strontium	86-1	22.53	21.95	21.38	21.95	2.61	ppb
Strontium	88-1	22.29	22.27	22.13	22.23	0.40	ppb
Sulfur	34-1	-1971.45	-1787.03	-1393.35	-1717.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.02	0.01	85.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.22	ppb
Tin	118-1	0.38	0.41	0.38	0.39	4.36	ppb
Titanium	47-1	0.22	0.14	0.39	0.25	49.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.34	ppb
Vanadium	51-2	0.14	0.14	0.10	0.13	17.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	94.93	96.13	90.19	93.75	3.35	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	44.21	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-17	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-20-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:39:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.04	0.02	132.72	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.28	-2.22	-2.22	-2.24		ppb
Antimony	121-1	-0.01	0.00	-0.01	-0.01		ppb
Arsenic	75-2	0.07	0.05	-0.03	0.03	180.30	ppb
Barium	135-1	-0.13	-0.11	-0.14	-0.13		ppb
Barium	137-1	-0.14	-0.16	-0.14	-0.14		ppb
Beryllium	9-1	-0.01	-0.05	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.03	0.24	0.82	0.70	58.81	ppb
Boron	11-1	0.69	0.85	0.58	0.71	19.27	ppb
Cadmium	111-1	-0.11	-0.07	-0.03	-0.07		ppb
Cadmium	106-1	-1.46	-1.00	-0.56	-1.01		ppb
Cadmium	108-1	-0.03	-0.11	0.02	-0.04		ppb
Calcium	43-1	-23.36	-47.49	-38.77	-36.54		ppb
Calcium	44-1	-14.76	-13.11	-13.14	-13.67		ppb
Chromium	52-2	-0.50	-0.21	-0.37	-0.36		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.02	0.04	0.01	0.01	242.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.51	-0.57	-0.88	-0.66		ppb
Iron	57-2	-3.57	-2.43	-2.98	-2.99		ppb
Lead	206-1	481.50	496.78	484.65	487.64	1.65	ppb
Lead	207-1	482.73	486.66	491.81	487.06	0.93	ppb
Lead	208-1	484.14	493.60	490.50	489.41	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	0.46	-2.61	-0.20	-0.79		ppb
Manganese	55-2	0.05	0.11	-0.01	0.05	121.51	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-12.56	-12.56	14.62	-3.50		ppb
Potassium	39-2	-5.15	-9.16	-11.11	-8.47		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.50	0.00	2.17	173.21	ppb
Selenium	78-2	-2.02	-2.02	-0.94	-1.66		ppb
Selenium	82-1	0.80	1.36	0.89	1.02	29.72	ppb
Silicon	28-1	-44.31	-44.45	-46.66	-45.14		ppb
Silver	109-1	0.00	0.00	0.00	0.00	87.57	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	21.91	25.98	25.04	24.31	8.77	ppb
Strontium	86-1	-0.02	-0.08	0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	33.59	ppb
Sulfur	34-1	-911.67	-1032.07	-1509.82	-1151.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	58.80	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	21.35	ppb
Tin	118-1	-0.04	-0.07	-0.02	-0.04		ppb
Titanium	47-1	0.08	-0.07	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.42	ppb
Vanadium	51-2	0.03	0.00	-0.01	0.01	358.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.14	0.27	0.19	38.05	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	64.98	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	-0.01	0.01	222.61	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	-2.25	5.28	1.54	244.81	ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.15	-0.15	-0.14	-0.15		ppb
Barium	137-1	-0.15	-0.15	-0.13	-0.14		ppb
Beryllium	9-1	-0.01	-0.02	0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.08	0.50	0.50	0.36	67.42	ppb
Boron	11-1	0.37	0.09	0.29	0.25	57.78	ppb
Cadmium	111-1	-0.10	-0.03	-0.02	-0.05		ppb
Cadmium	106-1	-1.38	-0.37	-0.30	-0.68		ppb
Cadmium	108-1	-0.11	-0.07	-0.03	-0.07		ppb
Calcium	43-1	-36.65	-43.52	-31.57	-37.25		ppb
Calcium	44-1	-12.58	-13.06	-16.01	-13.88		ppb
Chromium	52-2	0.00	-0.11	-0.13	-0.08		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.01	-0.04	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.96	-0.80	-0.80	-0.85		ppb
Iron	57-2	-1.86	-1.38	-0.79	-1.34		ppb
Lead	206-1	0.03	0.04	0.03	0.03	26.01	ppb
Lead	207-1	0.03	0.02	0.02	0.02	32.15	ppb
Lead	208-1	0.03	0.03	0.02	0.03	21.28	ppb
Lithium	6-1						%
Magnesium	24-2	1.02	-1.85	0.17	-0.22		ppb
Manganese	55-2	0.01	0.03	0.05	0.03	65.80	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.04	-0.04		ppb
Phosphorus	31-2	14.72	14.13	14.42	14.43	2.06	ppb
Potassium	39-2	-9.74	-7.22	11.81	-1.72		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.49	2.16	173.21	ppb
Selenium	78-2	0.16	-2.02	0.17	-0.56		ppb
Selenium	82-1	0.76	0.92	0.10	0.59	72.78	ppb
Silicon	28-1	-46.11	-44.89	-44.08	-45.03		ppb
Silver	109-1	0.00	0.01	0.00	0.00	71.31	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	31.54	18.19	20.55	23.43	30.41	ppb
Strontium	86-1	0.00	-0.07	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	369.67	ppb
Sulfur	34-1	-891.23	-884.84	-940.02	-905.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	30.63	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.17	ppb
Tin	118-1	-0.02	-0.03	0.49	0.15	202.76	ppb
Titanium	47-1	-0.11	-0.07	0.00	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.03	0.00	0.01	211.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.07	0.10	0.11	48.15	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	33.47	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.02	0.01	168.59	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-18 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-21-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:48:36 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.24	13.89	29.88	23.00	35.77	ppb
Antimony	121-1	0.05	0.04	0.05	0.04	9.95	ppb
Arsenic	75-2	0.30	0.33	0.37	0.33	10.17	ppb
Barium	135-1	14.57	14.30	14.26	14.38	1.16	ppb
Barium	137-1	14.85	14.62	14.40	14.62	1.54	ppb
Beryllium	9-1	-0.01	-0.04	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.81	5.14	4.47	4.47	14.83	ppb
Boron	11-1	4.07	4.11	4.25	4.14	2.19	ppb
Cadmium	111-1	-0.06	-0.06	-0.10	-0.07		ppb
Cadmium	106-1	-0.76	-0.91	-1.68	-1.12		ppb
Cadmium	108-1	-0.03	-0.07	0.01	-0.03		ppb
Calcium	43-1	6816.36	7035.17	6984.18	6945.23	1.65	ppb
Calcium	44-1	7020.96	7204.65	7114.10	7113.24	1.29	ppb
Chromium	52-2	-0.26	-0.31	-0.19	-0.26		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	62.18	65.05	63.36	63.53	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.13	45.49	43.01	45.88	6.71	ppb
Iron	57-2	47.98	51.79	47.26	49.01	4.97	ppb
Lead	206-1	0.82	0.81	0.86	0.83	3.08	ppb
Lead	207-1	0.71	0.78	0.75	0.75	4.39	ppb
Lead	208-1	0.76	0.80	0.78	0.78	2.99	ppb
Lithium	6-1						%
Magnesium	24-2	998.22	1040.73	1021.96	1020.30	2.09	ppb
Manganese	55-2	13.20	14.15	12.93	13.43	4.77	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-18	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-21-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:48:36	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.02	0.02	39.42	ppb
Molybdenum	95-1	0.05	0.01	0.05	0.04	73.74	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	28.06	ppb
Molybdenum	97-1	0.03	0.01	0.04	0.03	54.04	ppb
Molybdenum	98-1	0.03	0.03	0.01	0.02	40.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.70	0.56	0.62	11.67	ppb
Phosphorus	31-2	657.23	556.34	655.79	623.12	9.28	ppb
Potassium	39-2	465.00	474.15	481.74	473.63	1.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-2.02	-2.02	-2.02		ppb
Selenium	82-1	0.55	0.51	0.93	0.66	35.31	ppb
Silicon	28-1	867.92	918.79	894.43	893.71	2.85	ppb
Silver	109-1	0.01	0.00	0.00	0.00	52.00	ppb
Silver	107-1	0.00	0.00	0.01	0.00	159.82	ppb
Sodium	23-2	9356.13	9636.52	9621.52	9538.05	1.65	ppb
Strontium	86-1	22.38	22.45	21.43	22.08	2.59	ppb
Strontium	88-1	22.60	22.64	22.14	22.46	1.24	ppb
Sulfur	34-1	-984.24	-631.74	-716.11	-777.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.01	37.64	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	7.27	ppb
Tin	118-1	0.02	0.01	0.02	0.02	43.78	ppb
Titanium	47-1	0.09	0.31	0.22	0.21	51.91	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.79	ppb
Vanadium	51-2	0.12	0.09	0.16	0.12	26.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.48	10.66	11.90	11.35	5.60	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	29.03	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-18	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-21-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:48:36	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	44.33	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-19 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-23-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:51:45 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.87	8.48	8.70	10.35	29.46	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	10.28	ppb
Arsenic	75-2	0.32	0.38	0.40	0.37	10.37	ppb
Barium	135-1	13.47	12.82	13.68	13.32	3.38	ppb
Barium	137-1	13.27	13.28	13.68	13.41	1.75	ppb
Beryllium	9-1	-0.02	0.01	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.39	5.18	3.56	4.38	18.45	ppb
Boron	11-1	4.47	4.73	4.42	4.54	3.68	ppb
Cadmium	111-1	-0.03	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-0.42	-0.73	-0.43	-0.53		ppb
Cadmium	108-1	0.01	-0.03	0.01	0.00		ppb
Calcium	43-1	6895.15	7018.90	7096.64	7003.56	1.45	ppb
Calcium	44-1	7218.73	7300.47	7366.37	7295.19	1.01	ppb
Chromium	52-2	-0.23	-0.24	-0.14	-0.21		ppb
Cobalt	59-2	0.05	0.05	0.06	0.06	10.94	ppb
Copper	63-2	125.30	125.13	127.36	125.93	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.69	48.17	53.44	51.10	5.26	ppb
Iron	57-2	57.54	55.47	49.53	54.18	7.68	ppb
Lead	206-1	8.32	8.30	8.35	8.32	0.31	ppb
Lead	207-1	7.66	7.48	7.85	7.66	2.47	ppb
Lead	208-1	7.91	7.89	8.00	7.93	0.76	ppb
Lithium	6-1						%
Magnesium	24-2	1001.29	1013.32	1006.31	1006.97	0.60	ppb
Manganese	55-2	12.19	12.85	12.86	12.63	3.05	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-19 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-23-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:51:45 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	46.35	ppb
Molybdenum	95-1	0.06	0.02	0.02	0.03	64.09	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	25.61	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	28.79	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.03	35.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.81	1.91	1.87	2.60	ppb
Phosphorus	31-2	659.25	582.06	723.78	655.03	10.83	ppb
Potassium	39-2	460.68	463.76	480.45	468.30	2.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.20	0.00	2.07	173.21	ppb
Selenium	78-2	-2.02	1.12	0.06	-0.28		ppb
Selenium	82-1	1.61	1.21	0.23	1.02	70.00	ppb
Silicon	28-1	937.64	911.64	922.86	924.05	1.41	ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.89	ppb
Silver	107-1	0.00	0.01	0.01	0.00	129.80	ppb
Sodium	23-2	9924.79	9868.77	9949.60	9914.39	0.42	ppb
Strontium	86-1	21.66	22.26	21.48	21.80	1.86	ppb
Strontium	88-1	22.26	22.31	22.36	22.31	0.23	ppb
Sulfur	34-1	-878.92	-1062.23	-666.31	-869.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	61.50	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.20	ppb
Tin	118-1	0.10	0.11	0.12	0.11	6.50	ppb
Titanium	47-1	0.22	0.18	0.16	0.19	18.51	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.19	ppb
Vanadium	51-2	0.10	0.06	0.07	0.07	31.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	42.71	41.12	39.60	41.14	3.77	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	15.31	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-19	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-23-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:51:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.01	0.03	57.14	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-20 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-24-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:54:55 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.87	15.42	18.82	16.70	11.08	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	12.38	ppb
Arsenic	75-2	0.23	0.28	0.31	0.27	14.07	ppb
Barium	135-1	16.82	14.05	13.89	14.92	11.05	ppb
Barium	137-1	15.88	14.02	14.46	14.79	6.58	ppb
Beryllium	9-1	0.00	-0.04	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.68	4.09	4.74	4.17	12.76	ppb
Boron	11-1	4.94	4.52	4.77	4.74	4.47	ppb
Cadmium	111-1	-0.04	-0.15	0.00	-0.07		ppb
Cadmium	106-1	-0.52	-2.16	-0.11	-0.93		ppb
Cadmium	108-1	-0.07	-0.11	-0.07	-0.08		ppb
Calcium	43-1	8076.92	6883.51	6918.69	7293.04	9.31	ppb
Calcium	44-1	8099.06	7057.42	7091.04	7415.84	7.98	ppb
Chromium	52-2	-0.25	-0.37	-0.29	-0.30		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00		ppb
Copper	63-2	51.59	50.62	50.71	50.97	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.31	46.57	45.08	45.99	1.74	ppb
Iron	57-2	50.18	52.07	39.82	47.35	13.93	ppb
Lead	206-1	0.71	0.64	0.61	0.65	8.13	ppb
Lead	207-1	0.65	0.51	0.56	0.57	12.11	ppb
Lead	208-1	0.66	0.57	0.57	0.60	8.42	ppb
Lithium	6-1						%
Magnesium	24-2	1029.16	969.60	971.71	990.16	3.41	ppb
Manganese	55-2	14.13	14.84	14.88	14.61	2.89	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-20 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-24-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:54:55 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	-0.01	0.01	170.35	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.05	11.74	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.04	27.62	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	25.67	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	31.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.38	0.30	0.33	12.60	ppb
Phosphorus	31-2	666.00	752.72	519.75	646.16	18.22	ppb
Potassium	39-2	492.60	475.28	458.45	475.44	3.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.98	-2.02	2.18	-0.27		ppb
Selenium	82-1	1.06	1.57	0.77	1.13	35.83	ppb
Silicon	28-1	1029.29	916.62	881.70	942.54	8.18	ppb
Silver	109-1	0.02	0.01	0.01	0.01	68.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00	1658.43	ppb
Sodium	23-2	9730.48	9394.14	9458.27	9527.63	1.87	ppb
Strontium	86-1	25.25	22.31	21.89	23.15	7.90	ppb
Strontium	88-1	25.35	22.21	22.33	23.30	7.65	ppb
Sulfur	34-1	1398.40	-698.74	-618.52	27.05	4393.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	20.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.38	ppb
Tin	118-1	0.02	0.03	0.00	0.01	96.85	ppb
Titanium	47-1	0.27	0.13	0.30	0.23	37.19	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	20.84	ppb
Vanadium	51-2	0.12	0.11	0.16	0.13	19.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.05	7.90	7.73	7.56	5.96	ppb
Zirconium	90-1	0.05	0.02	0.03	0.03	46.28	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-20	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-24-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:54:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.02	55.48	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-21 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-25-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:58:05 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.64	15.64	25.01	17.43	39.39	ppb
Antimony	121-1	0.17	0.16	0.17	0.17	3.01	ppb
Arsenic	75-2	0.37	0.44	0.39	0.40	8.67	ppb
Barium	135-1	13.05	12.76	12.68	12.83	1.53	ppb
Barium	137-1	12.91	13.14	13.17	13.08	1.08	ppb
Beryllium	9-1	-0.01	-0.02	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.93	5.19	3.88	4.67	14.88	ppb
Boron	11-1	4.34	4.70	4.80	4.62	5.31	ppb
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.14	-0.13	-0.73	-0.34		ppb
Cadmium	108-1	-0.03	0.13	-0.07	0.01	1387.34	ppb
Calcium	43-1	6879.49	6849.89	7012.32	6913.90	1.25	ppb
Calcium	44-1	7175.03	7102.98	7350.14	7209.39	1.76	ppb
Chromium	52-2	-0.14	-0.15	-0.10	-0.13		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	161.27	164.76	167.41	164.48	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	41.87	43.00	47.29	44.05	6.49	ppb
Iron	57-2	39.46	42.71	39.63	40.60	4.51	ppb
Lead	206-1	3.40	3.36	3.41	3.39	0.80	ppb
Lead	207-1	3.06	3.10	3.11	3.09	0.76	ppb
Lead	208-1	3.18	3.20	3.21	3.20	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	958.24	972.19	1001.13	977.18	2.24	ppb
Manganese	55-2	13.95	14.56	14.68	14.40	2.75	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-21 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-25-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:58:05 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.01	81.94	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	40.84	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	24.62	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	78.51	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	38.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.85	4.96	5.02	4.94	1.72	ppb
Phosphorus	31-2	540.58	554.95	719.72	605.08	16.45	ppb
Potassium	39-2	453.25	446.04	505.71	468.33	6.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	-0.99	-0.99	-0.65		ppb
Selenium	82-1	1.63	0.39	1.03	1.02	60.74	ppb
Silicon	28-1	895.57	912.10	930.57	912.75	1.92	ppb
Silver	109-1	0.00	0.01	0.00	0.00	80.68	ppb
Silver	107-1	0.00	0.00	0.01	0.00	77.59	ppb
Sodium	23-2	9665.32	9938.15	10055.47	9886.31	2.02	ppb
Strontium	86-1	21.60	21.47	21.27	21.44	0.78	ppb
Strontium	88-1	22.11	21.89	21.82	21.94	0.68	ppb
Sulfur	34-1	-653.49	-378.80	-472.57	-501.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	50.15	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	13.79	ppb
Tin	118-1	0.13	0.13	0.09	0.12	20.30	ppb
Titanium	47-1	0.21	1.03	0.15	0.46	106.80	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.64	ppb
Vanadium	51-2	0.12	0.07	0.12	0.10	27.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	150.64	149.16	149.62	149.81	0.51	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	47.00	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-21	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-25-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:58:05	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	128.48	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-22 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-26-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:01:15 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.91	28.77	36.45	31.04	15.14	ppb
Antimony	121-1	0.14	0.15	0.13	0.14	7.46	ppb
Arsenic	75-2	0.38	0.14	0.32	0.28	45.43	ppb
Barium	135-1	15.07	14.96	15.03	15.02	0.39	ppb
Barium	137-1	14.98	15.54	15.21	15.24	1.84	ppb
Beryllium	9-1	-0.02	-0.02	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.13	7.36	7.82	7.77	5.03	ppb
Boron	11-1	7.86	6.88	7.05	7.26	7.19	ppb
Cadmium	111-1	-0.13	0.03	-0.03	-0.04		ppb
Cadmium	106-1	-1.81	0.24	-0.57	-0.71		ppb
Cadmium	108-1	-0.07	-0.07	-0.03	-0.06		ppb
Calcium	43-1	6879.45	6890.14	6961.05	6910.21	0.64	ppb
Calcium	44-1	7205.96	7133.86	7196.77	7178.86	0.55	ppb
Chromium	52-2	-0.29	-0.15	-0.15	-0.20		ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	150.56	145.27	139.07	144.97	3.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.97	44.31	43.53	44.60	2.79	ppb
Iron	57-2	43.94	56.38	39.28	46.54	19.00	ppb
Lead	206-1	0.85	0.87	0.86	0.86	0.94	ppb
Lead	207-1	0.72	0.69	0.75	0.72	3.94	ppb
Lead	208-1	0.79	0.82	0.80	0.80	1.81	ppb
Lithium	6-1						%
Magnesium	24-2	1106.06	1065.67	1031.26	1067.67	3.51	ppb
Manganese	55-2	12.89	15.43	13.87	14.06	9.09	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-22	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-26-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:01:15	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.03	0.04	0.01	0.03	61.19	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.04	35.94	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	34.34	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	34.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.39	0.35	0.40	13.73	ppb
Phosphorus	31-2	664.18	591.12	570.22	608.51	8.11	ppb
Potassium	39-2	517.81	543.46	495.58	518.95	4.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	0.05	-2.02	-1.33		ppb
Selenium	82-1	1.44	0.39	1.00	0.94	55.69	ppb
Silicon	28-1	963.24	884.10	882.62	909.99	5.07	ppb
Silver	109-1	0.01	0.00	0.02	0.01	57.55	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10636.77	10175.01	9717.59	10176.46	4.52	ppb
Strontium	86-1	23.10	22.51	22.44	22.69	1.60	ppb
Strontium	88-1	23.12	22.75	22.49	22.79	1.41	ppb
Sulfur	34-1	-837.13	-1109.24	-797.82	-914.73		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	48.50	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.54	ppb
Tin	118-1	2.25	2.37	2.36	2.32	2.92	ppb
Titanium	47-1	0.26	0.24	0.32	0.27	15.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.65	ppb
Vanadium	51-2	0.21	0.12	0.12	0.15	36.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.93	12.88	13.50	13.43	3.93	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	35.00	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-22	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-26-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:01:15	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.05	0.03	0.03	120.00	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-23 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-27-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:04:25 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.40	20.84	13.36	15.87	27.15	ppb
Antimony	121-1	0.61	0.61	0.65	0.63	3.65	ppb
Arsenic	75-2	0.38	0.23	0.34	0.32	24.73	ppb
Barium	135-1	14.06	14.24	14.23	14.18	0.71	ppb
Barium	137-1	13.85	14.19	13.58	13.87	2.19	ppb
Beryllium	9-1	-0.02	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.43	4.87	5.51	4.94	11.03	ppb
Boron	11-1	4.27	4.02	4.67	4.32	7.63	ppb
Cadmium	111-1	-0.01	-0.03	-0.06	-0.03		ppb
Cadmium	106-1	-0.11	-0.65	-1.13	-0.63		ppb
Cadmium	108-1	0.12	0.05	0.04	0.07	61.71	ppb
Calcium	43-1	6837.81	6849.54	6899.81	6862.39	0.48	ppb
Calcium	44-1	7091.73	7015.62	7015.24	7040.86	0.63	ppb
Chromium	52-2	-0.12	-0.24	-0.34	-0.23		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	223.28	201.66	198.45	207.80	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.90	40.75	37.22	40.62	8.23	ppb
Iron	57-2	41.53	42.89	31.21	38.54	16.58	ppb
Lead	206-1	2.74	2.71	2.66	2.70	1.49	ppb
Lead	207-1	2.34	2.42	2.45	2.40	2.56	ppb
Lead	208-1	2.54	2.49	2.53	2.52	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	1093.47	996.26	971.82	1020.52	6.31	ppb
Manganese	55-2	11.24	9.22	9.63	10.03	10.66	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-23	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-27-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:04:25	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.01	0.01	57.08	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	14.93	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	11.62	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	48.37	ppb
Molybdenum	98-1	0.03	0.04	0.01	0.03	52.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	4.19	4.41	4.47	6.81	ppb
Phosphorus	31-2	630.36	550.89	489.65	556.97	12.67	ppb
Potassium	39-2	500.20	416.56	447.78	454.85	9.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.29	0.00	0.00	4.43	173.21	ppb
Selenium	78-2	-2.02	-2.02	-2.02	-2.02		ppb
Selenium	82-1	0.70	1.12	1.51	1.11	36.69	ppb
Silicon	28-1	922.89	915.17	938.34	925.47	1.27	ppb
Silver	109-1	0.00	0.01	0.01	0.01	48.93	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.81	ppb
Sodium	23-2	11090.73	9888.65	9762.18	10247.19	7.16	ppb
Strontium	86-1	21.95	21.51	22.22	21.89	1.62	ppb
Strontium	88-1	22.10	22.14	22.14	22.13	0.09	ppb
Sulfur	34-1	-997.28	-1081.86	-716.84	-931.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	29.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.03	ppb
Tin	118-1	0.04	0.11	0.07	0.07	46.39	ppb
Titanium	47-1	0.02	0.30	0.14	0.15	92.89	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	34.55	ppb
Vanadium	51-2	0.07	0.09	0.08	0.08	13.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	234.50	216.90	209.79	220.39	5.77	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	29.90	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-23	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-27-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:04:25	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.02	0.03	37.77	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-24 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-28-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:07:35 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.62	15.44	12.33	13.79	11.32	ppb
Antimony	121-1	0.12	0.13	0.12	0.12	4.35	ppb
Arsenic	75-2	0.47	0.30	0.21	0.32	40.67	ppb
Barium	135-1	14.33	13.04	13.89	13.76	4.77	ppb
Barium	137-1	14.40	13.65	14.40	14.15	3.07	ppb
Beryllium	9-1	-0.02	-0.05	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.51	4.19	3.78	4.16	8.90	ppb
Boron	11-1	4.33	4.00	4.67	4.33	7.73	ppb
Cadmium	111-1	-0.08	-0.02	0.00	-0.04		ppb
Cadmium	106-1	-1.22	-0.25	-0.04	-0.51		ppb
Cadmium	108-1	0.01	-0.03	-0.11	-0.04		ppb
Calcium	43-1	7388.04	6741.86	6814.88	6981.59	5.07	ppb
Calcium	44-1	7557.07	6967.67	7121.31	7215.35	4.24	ppb
Chromium	52-2	-0.25	-0.35	-0.12	-0.24		ppb
Cobalt	59-2	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-2	153.55	153.40	157.27	154.74	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38.36	38.54	41.71	39.54	4.77	ppb
Iron	57-2	37.97	43.27	39.25	40.16	6.89	ppb
Lead	206-1	0.43	0.38	0.36	0.39	8.80	ppb
Lead	207-1	0.37	0.37	0.40	0.38	4.08	ppb
Lead	208-1	0.40	0.37	0.37	0.38	4.09	ppb
Lithium	6-1						%
Magnesium	24-2	976.70	988.76	986.51	983.99	0.65	ppb
Manganese	55-2	8.79	9.77	8.87	9.14	5.95	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-24 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-28-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:07:35 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.00	0.01	174.94	ppb
Molybdenum	95-1	0.04	0.04	0.01	0.03	51.33	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	32.68	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	63.93	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	24.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.42	0.42	0.41	3.67	ppb
Phosphorus	31-2	777.25	651.38	774.82	734.48	9.80	ppb
Potassium	39-2	451.67	475.99	503.36	477.01	5.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	0.04	-0.98	-0.99		ppb
Selenium	82-1	0.97	1.34	1.36	1.22	17.72	ppb
Silicon	28-1	967.42	865.31	859.69	897.47	6.76	ppb
Silver	109-1	0.00	0.01	0.01	0.01	52.85	ppb
Silver	107-1	0.00	0.00	0.00	0.00	3093.87	ppb
Sodium	23-2	9687.47	9642.98	9895.22	9741.89	1.38	ppb
Strontium	86-1	24.02	22.31	21.64	22.65	5.42	ppb
Strontium	88-1	23.59	22.22	22.19	22.67	3.53	ppb
Sulfur	34-1	485.99	-727.44	-618.82	-286.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	23.37	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.22	ppb
Tin	118-1	0.04	0.03	0.01	0.03	70.79	ppb
Titanium	47-1	0.34	0.26	0.33	0.31	14.37	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	63.67	ppb
Vanadium	51-2	0.14	0.13	0.14	0.13	4.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.51	19.27	17.13	17.97	6.35	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	87.36	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-24	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-28-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:07:35	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	99.33	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-25 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-29-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:10:45 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-2.33	-2.27	-1.69		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.02	0.06	0.02	0.03	84.59	ppb
Barium	135-1	1.29	1.44	1.37	1.37	5.40	ppb
Barium	137-1	1.34	1.29	1.34	1.33	2.22	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.06	2.42	3.08	2.85	13.13	ppb
Boron	11-1	3.50	3.18	2.95	3.21	8.54	ppb
Cadmium	111-1	-0.14	-0.12	0.02	-0.08		ppb
Cadmium	106-1	-1.87	-1.64	0.24	-1.09		ppb
Cadmium	108-1	0.06	-0.07	0.01	0.00		ppb
Calcium	43-1	4689.10	4321.72	4295.15	4435.32	4.96	ppb
Calcium	44-1	4680.02	4291.64	4300.53	4424.06	5.01	ppb
Chromium	52-2	-0.10	-0.39	-0.26	-0.25		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.05	0.04	0.04	0.04	21.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.26	1.96	2.21	2.14	7.61	ppb
Iron	57-2	-0.37	2.67	-0.87	0.47	403.94	ppb
Lead	206-1	0.01	0.01	0.01	0.01	30.40	ppb
Lead	207-1	0.00	0.01	0.00	0.00	238.07	ppb
Lead	208-1	0.01	0.00	0.00	0.01	95.43	ppb
Lithium	6-1						%
Magnesium	24-2	750.25	716.27	752.04	739.52	2.73	ppb
Manganese	55-2	0.38	0.20	0.50	0.36	42.48	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-25	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-29-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:10:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.12	0.07	0.10	25.49	ppb
Molybdenum	95-1	0.46	0.36	0.33	0.39	17.77	ppb
Molybdenum	96-1	0.33	0.24	0.28	0.28	17.17	ppb
Molybdenum	97-1	0.40	0.36	0.40	0.39	6.80	ppb
Molybdenum	98-1	0.41	0.30	0.29	0.33	19.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.26	0.16	0.17	53.66	ppb
Phosphorus	31-2	-12.56	-12.56	-12.56	-12.56		ppb
Potassium	39-2	559.17	521.62	539.18	539.99	3.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.05	-0.98	-0.30		ppb
Selenium	82-1	1.17	0.75	1.29	1.07	26.15	ppb
Silicon	28-1	5594.07	5136.12	5080.34	5270.18	5.35	ppb
Silver	109-1	0.00	0.00	0.00	0.00	157.19	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	3785.63	3641.22	3838.40	3755.08	2.72	ppb
Strontium	86-1	41.23	38.79	37.91	39.31	4.38	ppb
Strontium	88-1	42.04	38.96	38.89	39.96	4.50	ppb
Sulfur	34-1	-702.40	-1953.54	-2071.42	-1575.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	26.63	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	52.67	ppb
Tin	118-1	-0.01	0.02	0.07	0.03	155.94	ppb
Titanium	47-1	0.11	0.07	0.05	0.08	35.61	ppb
Uranium	238-1	0.38	0.38	0.33	0.36	7.75	ppb
Vanadium	51-2	0.09	0.19	0.19	0.16	34.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.32	0.25	0.39	0.32	22.62	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	136.94	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-25	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-29-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:10:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.02	0.00	308.48	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-26 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-30-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:13:55 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.11	3.31	-2.27	1.38	229.25	ppb
Antimony	121-1	-0.01	0.00	-0.01	0.00		ppb
Arsenic	75-2	0.14	0.09	-0.03	0.06	132.95	ppb
Barium	135-1	1.36	1.30	1.20	1.29	6.45	ppb
Barium	137-1	1.30	1.38	1.38	1.36	3.39	ppb
Beryllium	9-1	-0.05	-0.02	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.24	2.26	2.79	2.43	12.76	ppb
Boron	11-1	2.48	3.07	3.45	3.00	16.30	ppb
Cadmium	111-1	-0.07	-0.04	-0.07	-0.06		ppb
Cadmium	106-1	-0.91	-0.73	-1.14	-0.93		ppb
Cadmium	108-1	0.09	-0.11	-0.07	-0.03		ppb
Calcium	43-1	4316.73	4310.30	4297.28	4308.10	0.23	ppb
Calcium	44-1	4338.79	4268.89	4312.96	4306.88	0.82	ppb
Chromium	52-2	-0.27	-0.08	-0.23	-0.19		ppb
Cobalt	59-2	-0.01	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.05	0.05	0.09	0.06	35.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.88	1.83	2.17	1.96	9.46	ppb
Iron	57-2	1.18	1.88	-1.41	0.55	316.02	ppb
Lead	206-1	0.02	0.00	0.02	0.01	107.39	ppb
Lead	207-1	0.02	0.00	0.00	0.00	266.48	ppb
Lead	208-1	0.01	0.00	0.01	0.00	107.97	ppb
Lithium	6-1						%
Magnesium	24-2	730.05	752.23	740.72	741.00	1.50	ppb
Manganese	55-2	0.42	0.51	0.34	0.42	19.33	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-26	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-30-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:13:55	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.07	0.09	0.09	21.50	ppb
Molybdenum	95-1	0.27	0.31	0.36	0.31	14.29	ppb
Molybdenum	96-1	0.29	0.28	0.26	0.28	5.44	ppb
Molybdenum	97-1	0.34	0.34	0.35	0.34	0.57	ppb
Molybdenum	98-1	0.32	0.33	0.36	0.34	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.02	-0.02		ppb
Phosphorus	31-2	-12.56	-12.56	-12.56	-12.56		ppb
Potassium	39-2	536.46	567.84	531.51	545.27	3.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.09	-2.02	-0.99	-0.64		ppb
Selenium	82-1	1.00	1.45	1.17	1.21	18.91	ppb
Silicon	28-1	5154.61	5042.81	5080.95	5092.79	1.12	ppb
Silver	109-1	0.00	0.00	0.00	0.00	81.22	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3668.85	3776.14	3754.39	3733.13	1.52	ppb
Strontium	86-1	37.17	38.22	37.52	37.64	1.43	ppb
Strontium	88-1	38.01	38.13	37.93	38.02	0.26	ppb
Sulfur	34-1	-1826.91	-2120.37	-1976.52	-1974.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	72.17	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	35.22	ppb
Tin	118-1	0.04	0.02	0.02	0.02	50.52	ppb
Titanium	47-1	0.03	0.03	0.16	0.07	104.39	ppb
Uranium	238-1	0.35	0.36	0.37	0.36	1.88	ppb
Vanadium	51-2	0.17	0.13	0.15	0.15	13.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.40	0.29	0.29	35.64	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-26	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-30-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:13:55	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	230.68	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-27 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-32-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:17:06 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.25	13.91	11.25	12.14	12.66	ppb
Antimony	121-1	0.10	0.07	0.10	0.09	19.40	ppb
Arsenic	75-2	0.24	0.45	0.35	0.35	29.42	ppb
Barium	135-1	14.18	14.23	14.07	14.16	0.58	ppb
Barium	137-1	13.90	14.66	14.37	14.31	2.69	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.76	3.84	4.40	4.33	10.72	ppb
Boron	11-1	3.65	4.44	4.67	4.26	12.61	ppb
Cadmium	111-1	-0.03	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-0.51	-0.47	-0.24	-0.41		ppb
Cadmium	108-1	0.02	-0.11	0.06	-0.01		ppb
Calcium	43-1	6742.79	6553.99	6705.30	6667.36	1.50	ppb
Calcium	44-1	6874.69	6701.44	6793.96	6790.03	1.28	ppb
Chromium	52-2	-0.16	-0.16	-0.08	-0.14		ppb
Cobalt	59-2	-0.02	0.01	0.00	-0.01		ppb
Copper	63-2	160.56	167.94	160.03	162.84	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38.51	40.56	38.20	39.09	3.29	ppb
Iron	57-2	48.25	44.07	40.38	44.23	8.90	ppb
Lead	206-1	1.20	1.23	1.19	1.21	1.57	ppb
Lead	207-1	1.06	1.11	1.17	1.12	5.07	ppb
Lead	208-1	1.14	1.15	1.14	1.15	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	1022.16	1070.48	977.03	1023.22	4.57	ppb
Manganese	55-2	16.28	15.71	15.42	15.80	2.78	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-27 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-32-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:17:06 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	55.00	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	16.95	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	43.50	ppb
Molybdenum	97-1	0.00	-0.01	0.02	0.00	470.93	ppb
Molybdenum	98-1	0.03	0.01	0.00	0.01	106.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.91	0.96	0.94	2.78	ppb
Phosphorus	31-2	566.84	476.61	787.69	610.38	26.22	ppb
Potassium	39-2	494.97	545.38	416.58	485.64	13.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.84	0.00	0.00	4.28	173.21	ppb
Selenium	78-2	-0.94	2.59	-0.92	0.24	834.03	ppb
Selenium	82-1	0.41	1.80	0.51	0.91	85.53	ppb
Silicon	28-1	863.65	861.68	883.43	869.59	1.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.06	ppb
Silver	107-1	0.01	0.00	0.00	0.00	86.20	ppb
Sodium	23-2	9595.82	10025.49	9507.79	9709.70	2.85	ppb
Strontium	86-1	21.67	21.41	21.66	21.58	0.68	ppb
Strontium	88-1	21.54	21.68	21.89	21.70	0.81	ppb
Sulfur	34-1	-143.22	28.83	161.37	15.66	975.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	27.75	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	14.67	ppb
Tin	118-1	0.09	0.05	0.04	0.06	42.24	ppb
Titanium	47-1	0.19	0.28	0.22	0.23	19.69	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	40.14	ppb
Vanadium	51-2	0.05	0.16	0.11	0.11	50.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	50.15	51.42	48.61	50.06	2.81	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.35	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-27	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-32-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:17:06	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	87.37	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.11	-2.15	3.66	-0.87		ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	0.07	-0.03	0.00	0.01	398.32	ppb
Barium	135-1	-0.12	-0.14	-0.13	-0.13		ppb
Barium	137-1	-0.15	-0.13	-0.15	-0.14		ppb
Beryllium	9-1	-0.03	-0.04	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.16	0.64	0.16	0.65	76.71	ppb
Boron	11-1	0.64	0.61	0.40	0.55	23.81	ppb
Cadmium	111-1	-0.10	-0.03	-0.05	-0.06		ppb
Cadmium	106-1	-1.25	-0.55	-0.53	-0.78		ppb
Cadmium	108-1	-0.02	-0.02	0.06	0.00	1210.27	ppb
Calcium	43-1	-32.49	-36.79	-40.62	-36.63		ppb
Calcium	44-1	-12.38	-11.86	-8.25	-10.83		ppb
Chromium	52-2	-0.32	-0.31	-0.38	-0.34		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.02	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.93	-0.82	-0.82	-0.85		ppb
Iron	57-2	-0.71	-3.49	-2.94	-2.38		ppb
Lead	206-1	494.55	488.31	496.75	493.20	0.89	ppb
Lead	207-1	489.93	482.67	495.51	489.37	1.32	ppb
Lead	208-1	495.74	489.95	496.25	493.98	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	1.06	0.36	0.31	0.58	72.91	ppb
Manganese	55-2	0.03	0.08	0.05	0.05	40.91	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	700.10	ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.05	-0.01		ppb
Phosphorus	31-2	-12.56	-12.56	-12.56	-12.56		ppb
Potassium	39-2	1.82	10.64	-10.98	0.50	2186.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-0.90	-0.92	-0.91		ppb
Selenium	82-1	0.92	0.50	0.84	0.76	29.52	ppb
Silicon	28-1	-44.46	-45.75	-43.20	-44.47		ppb
Silver	109-1	0.00	0.01	0.00	0.00	182.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	21.39	28.21	29.12	26.24	16.11	ppb
Strontium	86-1	-0.01	-0.03	0.04	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-389.12	-499.45	-348.99	-412.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.02	0.01	92.38	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	48.58	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.02	0.00	-0.09	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	1115.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.45	0.32	0.28	0.35	24.46	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	197.31	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:23:25 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	-4.11	-0.25	-1.55		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.03	0.05	0.05	0.02	201.83	ppb
Barium	135-1	-0.14	-0.15	-0.13	-0.14		ppb
Barium	137-1	-0.16	-0.15	-0.16	-0.15		ppb
Beryllium	9-1	-0.06	-0.01	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.02	0.43	-0.07	0.13	210.94	ppb
Boron	11-1	0.14	0.21	0.19	0.18	17.89	ppb
Cadmium	111-1	-0.10	-0.06	-0.12	-0.09		ppb
Cadmium	106-1	-1.31	-0.84	-1.69	-1.28		ppb
Cadmium	108-1	-0.02	-0.11	-0.02	-0.05		ppb
Calcium	43-1	-46.74	-43.00	-44.84	-44.86		ppb
Calcium	44-1	-14.22	-15.34	-11.93	-13.83		ppb
Chromium	52-2	-0.08	-0.17	0.00	-0.08		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.02	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.03	-0.48	-0.59	-0.70		ppb
Iron	57-2	-2.40	-4.07	0.45	-2.01		ppb
Lead	206-1	0.03	0.03	0.03	0.03	10.91	ppb
Lead	207-1	0.00	-0.01	0.03	0.01	249.69	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.51	ppb
Lithium	6-1						%
Magnesium	24-2	-3.00	-1.31	0.70	-1.21		ppb
Manganese	55-2	0.03	0.08	0.14	0.08	64.66	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:23:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-12.56	-12.56	15.17	-3.32		ppb
Potassium	39-2	-5.68	-37.08	-11.97	-18.24		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-0.91	0.20	-0.91		ppb
Selenium	82-1	1.02	1.33	1.24	1.20	13.41	ppb
Silicon	28-1	-43.82	-45.46	-49.20	-46.16		ppb
Silver	109-1	0.01	0.01	0.00	0.00	103.69	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	24.43	28.22	29.27	27.31	9.32	ppb
Strontium	86-1	-0.01	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-330.46	-302.80	-677.87	-437.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.24	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	28.56	ppb
Tin	118-1	-0.02	-0.01	-0.04	-0.02		ppb
Titanium	47-1	-0.06	-0.03	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	922.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.04	0.42	0.21	90.09	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	32.92	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:23:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.01	0.00	221.59	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-28 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-33-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:26:35 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.06	6.51	11.54	9.37	27.59	ppb
Antimony	121-1	0.08	0.10	0.08	0.09	10.12	ppb
Arsenic	75-2	0.27	0.27	0.33	0.29	13.20	ppb
Barium	135-1	14.79	14.50	15.18	14.83	2.32	ppb
Barium	137-1	14.89	15.09	15.31	15.10	1.39	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.45	3.43	2.31	3.06	21.18	ppb
Boron	11-1	4.37	4.44	3.94	4.25	6.38	ppb
Cadmium	111-1	-0.05	-0.14	-0.06	-0.08		ppb
Cadmium	106-1	-0.60	-1.96	-0.99	-1.18		ppb
Cadmium	108-1	0.00	-0.03	-0.03	-0.02		ppb
Calcium	43-1	6731.38	6816.40	6925.99	6824.59	1.43	ppb
Calcium	44-1	6963.28	7180.37	7101.99	7081.88	1.55	ppb
Chromium	52-2	-0.20	-0.29	-0.17	-0.22		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	116.85	116.64	114.43	115.97	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33.50	33.72	32.77	33.33	1.49	ppb
Iron	57-2	32.74	28.57	31.55	30.95	6.94	ppb
Lead	206-1	0.53	0.50	0.52	0.52	2.92	ppb
Lead	207-1	0.48	0.45	0.51	0.48	6.16	ppb
Lead	208-1	0.49	0.49	0.49	0.49	0.76	ppb
Lithium	6-1						%
Magnesium	24-2	1042.17	1031.43	1030.88	1034.83	0.62	ppb
Manganese	55-2	12.45	12.67	11.36	12.16	5.76	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-28	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-33-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:26:35	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	628.86	ppb
Molybdenum	95-1	0.03	0.02	0.05	0.03	50.88	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	22.57	ppb
Molybdenum	97-1	0.00	0.02	0.03	0.02	69.40	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	26.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.31	0.20	0.25	21.39	ppb
Phosphorus	31-2	572.96	699.84	787.24	686.68	15.69	ppb
Potassium	39-2	460.54	496.39	462.64	473.19	4.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-1.01	-1.02	-1.35		ppb
Selenium	82-1	1.53	1.08	0.34	0.98	61.21	ppb
Silicon	28-1	872.01	884.13	884.41	880.19	0.80	ppb
Silver	109-1	0.01	0.00	0.00	0.01	76.85	ppb
Silver	107-1	0.00	0.00	0.00	0.00	471.49	ppb
Sodium	23-2	9794.33	9820.07	9626.22	9746.87	1.08	ppb
Strontium	86-1	21.74	22.02	21.47	21.75	1.27	ppb
Strontium	88-1	22.51	21.97	22.48	22.32	1.36	ppb
Sulfur	34-1	-989.84	-731.26	-384.57	-701.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	43.55	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	29.32	ppb
Tin	118-1	0.04	0.01	-0.01	0.01	185.17	ppb
Titanium	47-1	0.25	0.05	0.12	0.14	72.04	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.10	ppb
Vanadium	51-2	0.19	0.06	0.08	0.11	66.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.27	7.95	8.24	8.15	2.18	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.62	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-28	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-33-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:26:35	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	76.88	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-29 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-34-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:29:44 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.16	12.12	13.21	13.50	11.44	ppb
Antimony	121-1	0.07	0.10	0.08	0.08	18.35	ppb
Arsenic	75-2	0.49	0.36	0.38	0.41	17.42	ppb
Barium	135-1	14.08	14.39	13.98	14.15	1.52	ppb
Barium	137-1	14.05	14.51	14.28	14.28	1.63	ppb
Beryllium	9-1	-0.03	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.61	2.46	4.39	3.82	30.93	ppb
Boron	11-1	4.06	4.46	3.83	4.12	7.69	ppb
Cadmium	111-1	-0.01	-0.08	-0.04	-0.05		ppb
Cadmium	106-1	-0.23	-1.30	-0.66	-0.73		ppb
Cadmium	108-1	0.00	-0.03	-0.03	-0.02		ppb
Calcium	43-1	6994.66	6880.48	7038.45	6971.19	1.17	ppb
Calcium	44-1	7104.38	7113.51	7166.12	7128.01	0.47	ppb
Chromium	52-2	-0.26	-0.22	-0.33	-0.27		ppb
Cobalt	59-2	0.57	0.58	0.61	0.58	3.77	ppb
Copper	63-2	167.16	170.69	163.26	167.04	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	40.89	41.23	40.55	40.89	0.83	ppb
Iron	57-2	33.36	33.40	37.49	34.75	6.83	ppb
Lead	206-1	3.01	2.97	2.97	2.98	0.76	ppb
Lead	207-1	2.66	2.70	2.74	2.70	1.42	ppb
Lead	208-1	2.82	2.83	2.79	2.81	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	1045.27	991.41	991.94	1009.54	3.07	ppb
Manganese	55-2	14.49	13.04	14.35	13.96	5.75	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-29	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-34-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:29:44	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	122.61	ppb
Molybdenum	95-1	0.05	0.03	0.02	0.03	41.61	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	10.37	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	26.48	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	18.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.70	4.56	4.46	4.57	2.68	ppb
Phosphorus	31-2	868.75	505.61	883.45	752.60	28.44	ppb
Potassium	39-2	493.32	475.41	432.38	467.04	6.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-1.01	-0.04	-1.02		ppb
Selenium	82-1	0.55	1.21	1.29	1.02	40.17	ppb
Silicon	28-1	872.69	869.28	866.89	869.62	0.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.12	ppb
Silver	107-1	0.01	0.01	0.00	0.01	64.68	ppb
Sodium	23-2	9863.57	10019.82	9660.58	9847.99	1.83	ppb
Strontium	86-1	22.05	22.14	21.72	21.97	1.01	ppb
Strontium	88-1	22.62	22.44	22.08	22.38	1.22	ppb
Sulfur	34-1	-755.50	-813.06	-807.90	-792.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	30.18	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	18.46	ppb
Tin	118-1	-0.01	0.02	0.01	0.01	146.14	ppb
Titanium	47-1	0.02	0.18	0.31	0.17	88.13	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	35.60	ppb
Vanadium	51-2	0.05	0.09	0.06	0.07	24.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	58.49	59.06	57.88	58.48	1.01	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	36.26	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-29	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-34-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:29:44	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	27.15	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-30 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-35-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:32:54 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.96	10.14	11.64	8.91	39.36	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	15.28	ppb
Arsenic	75-2	0.34	0.23	0.36	0.31	23.58	ppb
Barium	135-1	14.09	13.55	14.63	14.09	3.83	ppb
Barium	137-1	14.33	13.56	14.49	14.13	3.52	ppb
Beryllium	9-1	-0.02	-0.03	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.68	2.85	3.82	3.45	15.25	ppb
Boron	11-1	3.60	3.82	3.91	3.77	4.28	ppb
Cadmium	111-1	-0.05	-0.09	-0.06	-0.06		ppb
Cadmium	106-1	-0.59	-1.16	-0.89	-0.88		ppb
Cadmium	108-1	0.00	-0.11	-0.07	-0.06		ppb
Calcium	43-1	6888.21	6654.79	6968.83	6837.28	2.39	ppb
Calcium	44-1	7060.69	6863.14	7109.28	7011.04	1.86	ppb
Chromium	52-2	-0.32	-0.31	-0.36	-0.33		ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	66.76	ppb
Copper	63-2	172.89	167.08	168.08	169.35	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	40.31	39.61	38.40	39.44	2.45	ppb
Iron	57-2	36.28	41.82	34.86	37.66	9.77	ppb
Lead	206-1	0.28	0.27	0.32	0.29	8.00	ppb
Lead	207-1	0.25	0.26	0.29	0.27	7.67	ppb
Lead	208-1	0.27	0.28	0.29	0.28	2.96	ppb
Lithium	6-1						%
Magnesium	24-2	1036.83	1049.08	990.37	1025.43	3.02	ppb
Manganese	55-2	11.94	12.05	12.15	12.05	0.86	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-30	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-35-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:32:54	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.01	0.02	63.66	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.92	ppb
Molybdenum	96-1	0.02	0.04	0.00	0.02	78.91	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	40.00	ppb
Molybdenum	98-1	0.01	0.04	0.00	0.02	95.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.35	0.32	0.37	17.16	ppb
Phosphorus	31-2	586.80	550.58	666.66	601.35	9.88	ppb
Potassium	39-2	492.26	453.32	478.11	474.56	4.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	-1.00	0.00	-0.67		ppb
Selenium	82-1	0.96	1.44	1.09	1.16	21.24	ppb
Silicon	28-1	876.45	848.62	893.09	872.72	2.57	ppb
Silver	109-1	0.01	0.00	0.02	0.01	59.78	ppb
Silver	107-1	0.00	0.00	0.00	0.00	117.43	ppb
Sodium	23-2	10088.89	9724.32	9611.52	9808.24	2.54	ppb
Strontium	86-1	21.88	20.71	21.58	21.39	2.84	ppb
Strontium	88-1	22.30	21.42	22.12	21.95	2.11	ppb
Sulfur	34-1	-677.26	-1151.15	-386.44	-738.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	82.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.40	ppb
Tin	118-1	0.03	0.02	0.00	0.02	93.27	ppb
Titanium	47-1	0.21	0.28	0.27	0.25	15.66	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	32.02	ppb
Vanadium	51-2	0.15	0.14	0.10	0.13	21.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.93	5.48	5.47	5.29	5.96	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	55.57	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-30	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-35-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:32:54	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	-0.02	0.01	185.57	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-31 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-36-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:36:04 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.54	15.26	13.56	14.45	5.91	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	9.78	ppb
Arsenic	75-2	0.41	0.38	0.27	0.35	20.46	ppb
Barium	135-1	13.96	14.51	13.97	14.15	2.24	ppb
Barium	137-1	14.13	14.09	14.09	14.10	0.19	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.90	4.06	3.73	4.23	14.35	ppb
Boron	11-1	4.17	4.24	3.99	4.14	3.16	ppb
Cadmium	111-1	-0.07	-0.13	-0.02	-0.08		ppb
Cadmium	106-1	-1.03	-1.81	-0.50	-1.12		ppb
Cadmium	108-1	-0.07	-0.03	-0.03	-0.05		ppb
Calcium	43-1	6975.39	6920.99	6826.57	6907.65	1.09	ppb
Calcium	44-1	7146.94	7211.23	7064.94	7141.04	1.03	ppb
Chromium	52-2	-0.34	-0.38	-0.35	-0.35		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	104.29	108.73	108.10	107.04	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	30.45	31.40	30.58	30.81	1.67	ppb
Iron	57-2	32.62	27.35	32.63	30.87	9.87	ppb
Lead	206-1	0.80	0.77	0.75	0.77	3.25	ppb
Lead	207-1	0.71	0.66	0.70	0.69	4.21	ppb
Lead	208-1	0.74	0.73	0.74	0.74	1.05	ppb
Lithium	6-1						%
Magnesium	24-2	1019.81	1087.36	1000.55	1035.91	4.40	ppb
Manganese	55-2	11.96	11.84	12.28	12.03	1.88	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-31	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-36-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:36:04	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	88.50	ppb
Molybdenum	95-1	0.03	0.00	0.02	0.02	72.34	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	34.00	ppb
Molybdenum	97-1	0.06	0.04	0.02	0.04	44.29	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	50.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.99	0.87	0.89	11.52	ppb
Phosphorus	31-2	401.60	544.05	799.77	581.81	34.68	ppb
Potassium	39-2	406.47	443.25	482.14	443.95	8.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	-2.02	-2.02	-1.68		ppb
Selenium	82-1	1.33	1.50	0.62	1.15	40.54	ppb
Silicon	28-1	878.62	928.29	884.00	896.97	3.04	ppb
Silver	109-1	0.00	0.00	0.01	0.00	127.36	ppb
Silver	107-1	0.01	0.00	0.01	0.00	95.58	ppb
Sodium	23-2	9228.18	9722.74	9569.06	9506.66	2.66	ppb
Strontium	86-1	21.45	21.88	21.59	21.64	1.02	ppb
Strontium	88-1	21.94	22.02	22.05	22.00	0.25	ppb
Sulfur	34-1	-386.03	-255.28	-533.68	-391.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	87.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.61	ppb
Tin	118-1	0.00	0.00	0.00	0.00	254.83	ppb
Titanium	47-1	0.19	0.24	0.17	0.20	17.11	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.78	ppb
Vanadium	51-2	0.08	0.09	0.11	0.09	17.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.97	11.87	14.57	12.80	11.94	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	31.34	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-31	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-36-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:36:04	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.05	0.03	73.10	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-32 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-37-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:39:14 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.76	22.25	22.40	18.14	39.99	ppb
Antimony	121-1	0.21	0.22	0.21	0.22	3.49	ppb
Arsenic	75-2	0.25	0.13	0.28	0.22	35.48	ppb
Barium	135-1	13.96	13.64	14.03	13.88	1.50	ppb
Barium	137-1	13.49	13.73	13.77	13.66	1.10	ppb
Beryllium	9-1	-0.05	-0.05	-0.03	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.50	4.28	4.57	4.12	13.49	ppb
Boron	11-1	4.56	4.28	4.27	4.37	3.75	ppb
Cadmium	111-1	-0.04	-0.16	-0.06	-0.09		ppb
Cadmium	106-1	-0.64	-2.05	-0.95	-1.21		ppb
Cadmium	108-1	-0.03	0.00	-0.11	-0.05		ppb
Calcium	43-1	7002.56	6888.34	6897.44	6929.45	0.92	ppb
Calcium	44-1	7113.40	7218.25	7167.48	7166.38	0.73	ppb
Chromium	52-2	-0.33	-0.42	-0.16	-0.30		ppb
Cobalt	59-2	0.12	0.14	0.11	0.12	9.58	ppb
Copper	63-2	147.54	150.20	149.16	148.97	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	39.41	38.41	37.43	38.42	2.58	ppb
Iron	57-2	44.15	25.75	42.49	37.46	27.17	ppb
Lead	206-1	3.51	3.54	3.60	3.55	1.20	ppb
Lead	207-1	3.20	3.31	3.23	3.25	1.76	ppb
Lead	208-1	3.36	3.44	3.46	3.42	1.61	ppb
Lithium	6-1						%
Magnesium	24-2	984.41	1014.87	993.07	997.45	1.57	ppb
Manganese	55-2	11.81	11.57	11.71	11.70	1.02	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-32	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-37-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:39:14	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00	850.66	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	25.85	ppb
Molybdenum	96-1	0.02	0.03	0.05	0.03	43.48	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	126.15	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.22	12.46	12.26	12.31	1.04	ppb
Phosphorus	31-2	610.50	719.89	571.55	633.98	12.13	ppb
Potassium	39-2	467.33	454.14	466.35	462.61	1.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	0.00	-0.99	-0.66		ppb
Selenium	82-1	0.90	1.23	0.50	0.88	41.68	ppb
Silicon	28-1	917.83	887.24	873.36	892.81	2.55	ppb
Silver	109-1	0.00	0.01	0.01	0.01	49.06	ppb
Silver	107-1	0.01	0.00	0.00	0.00	133.83	ppb
Sodium	23-2	9617.68	9667.86	9749.32	9678.29	0.69	ppb
Strontium	86-1	21.82	22.06	21.81	21.90	0.64	ppb
Strontium	88-1	21.97	22.28	22.06	22.10	0.72	ppb
Sulfur	34-1	-518.55	-409.38	-808.90	-578.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	87.32	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	47.62	ppb
Tin	118-1	-0.01	0.00	0.00	-0.01		ppb
Titanium	47-1	0.19	0.23	0.21	0.21	8.15	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	15.08	ppb
Vanadium	51-2	0.13	0.11	0.13	0.12	8.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.21	58.17	60.70	58.69	3.08	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.78	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-32	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-37-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:39:14	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.01	139.88	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-33 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-38-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:42:24 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.43	8.36	9.87	10.55	24.66	ppb
Antimony	121-1	0.07	0.06	0.07	0.06	10.08	ppb
Arsenic	75-2	0.32	0.39	0.29	0.33	15.40	ppb
Barium	135-1	12.82	12.95	12.96	12.91	0.61	ppb
Barium	137-1	12.96	12.89	12.82	12.89	0.54	ppb
Beryllium	9-1	0.00	-0.04	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.43	4.44	3.92	4.26	7.00	ppb
Boron	11-1	4.38	3.91	4.67	4.32	8.96	ppb
Cadmium	111-1	0.01	-0.03	-0.01	-0.01		ppb
Cadmium	106-1	-0.44	-1.26	-0.98	-0.89		ppb
Cadmium	108-1	0.00	0.05	0.08	0.04	89.05	ppb
Calcium	43-1	6908.25	6879.24	6878.55	6888.68	0.25	ppb
Calcium	44-1	7053.28	7076.40	7035.73	7055.14	0.29	ppb
Chromium	52-2	-0.11	-0.22	-0.31	-0.21		ppb
Cobalt	59-2	0.02	-0.01	0.02	0.01	152.10	ppb
Copper	63-2	142.17	144.57	140.31	142.35	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	78.60	83.97	79.29	80.62	3.62	ppb
Iron	57-2	71.43	68.45	80.38	73.42	8.46	ppb
Lead	206-1	10.32	10.54	10.37	10.41	1.11	ppb
Lead	207-1	9.31	9.41	9.56	9.43	1.34	ppb
Lead	208-1	9.82	9.95	9.98	9.92	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	990.35	951.05	954.14	965.18	2.26	ppb
Manganese	55-2	12.64	12.92	12.14	12.57	3.11	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-33 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-38-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:42:24 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.02	0.03	46.23	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	38.26	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	15.25	ppb
Molybdenum	97-1	0.06	0.01	0.01	0.02	116.54	ppb
Molybdenum	98-1	0.04	0.02	0.01	0.03	57.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.79	6.08	5.98	5.95	2.51	ppb
Phosphorus	31-2	693.14	652.99	514.82	620.32	15.08	ppb
Potassium	39-2	472.70	517.38	447.20	479.09	7.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	0.01	-2.02	-1.00		ppb
Selenium	82-1	1.28	1.04	0.87	1.06	19.32	ppb
Silicon	28-1	878.36	881.19	892.26	883.94	0.83	ppb
Silver	109-1	0.02	0.03	0.02	0.02	13.90	ppb
Silver	107-1	0.01	0.02	0.01	0.01	54.54	ppb
Sodium	23-2	9775.94	9803.61	9548.04	9709.20	1.44	ppb
Strontium	86-1	21.03	22.13	21.47	21.54	2.57	ppb
Strontium	88-1	21.36	21.73	21.81	21.63	1.10	ppb
Sulfur	34-1	-700.77	-539.49	-412.00	-550.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.01	0.01	88.47	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	59.75	ppb
Tin	118-1	-0.01	0.03	-0.02	0.00	2416.79	ppb
Titanium	47-1	0.11	0.24	0.28	0.21	40.68	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	46.06	ppb
Vanadium	51-2	0.08	0.09	0.13	0.10	29.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	91.71	93.60	92.36	92.56	1.04	ppb
Zirconium	90-1	0.06	0.05	0.07	0.06	19.56	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-33	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-38-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:42:24	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.09	0.06	39.09	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-34 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-39-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:45:33 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.05	6.71	14.11	12.62	42.19	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	12.06	ppb
Arsenic	75-2	0.39	0.22	0.29	0.30	27.39	ppb
Barium	135-1	14.11	14.35	13.71	14.06	2.29	ppb
Barium	137-1	13.77	14.05	13.57	13.80	1.73	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.21	4.19	4.45	4.28	3.41	ppb
Boron	11-1	4.05	4.05	3.97	4.02	1.19	ppb
Cadmium	111-1	-0.08	-0.11	0.04	-0.05		ppb
Cadmium	106-1	-1.10	-1.68	0.46	-0.77		ppb
Cadmium	108-1	-0.07	-0.03	-0.03	-0.05		ppb
Calcium	43-1	6939.46	7025.15	6975.22	6979.94	0.62	ppb
Calcium	44-1	7226.56	7051.47	7134.80	7137.61	1.23	ppb
Chromium	52-2	-0.21	-0.12	-0.22	-0.19		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	100.38	103.06	105.10	102.85	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	40.14	42.86	45.01	42.67	5.72	ppb
Iron	57-2	35.66	42.93	35.94	38.18	10.80	ppb
Lead	206-1	0.81	0.81	0.81	0.81	0.34	ppb
Lead	207-1	0.73	0.74	0.71	0.72	2.20	ppb
Lead	208-1	0.74	0.77	0.75	0.75	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	1050.61	1008.68	1058.37	1039.22	2.57	ppb
Manganese	55-2	12.86	12.09	13.11	12.69	4.20	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-34	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-39-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:45:33	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	104.80	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	4.35	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	4.86	ppb
Molybdenum	97-1	0.06	0.02	0.01	0.03	82.40	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	33.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.97	0.94	0.89	13.17	ppb
Phosphorus	31-2	342.12	557.67	851.41	583.73	43.79	ppb
Potassium	39-2	470.12	484.56	481.65	478.78	1.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	-2.02	-2.02	-1.68		ppb
Selenium	82-1	0.90	1.38	1.05	1.11	22.09	ppb
Silicon	28-1	891.61	878.24	891.88	887.24	0.88	ppb
Silver	109-1	0.04	0.03	0.03	0.04	18.14	ppb
Silver	107-1	0.02	0.04	0.04	0.03	35.78	ppb
Sodium	23-2	9587.20	9777.66	9848.03	9737.63	1.39	ppb
Strontium	86-1	21.26	21.50	21.74	21.50	1.12	ppb
Strontium	88-1	21.89	22.01	22.09	22.00	0.47	ppb
Sulfur	34-1	-359.40	-152.39	-126.68	-212.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.00	122.15	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	41.18	ppb
Tin	118-1	0.00	0.00	0.00	0.00	713.94	ppb
Titanium	47-1	0.25	0.09	0.21	0.18	45.75	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.02	ppb
Vanadium	51-2	0.12	0.11	0.13	0.12	9.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.13	8.58	7.89	8.20	4.30	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	29.45	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-34	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-39-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:45:33	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.00	0.01	237.94	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-35 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-40-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:48:44 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.25	28.58	8.09	20.64	53.28	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	1.95	ppb
Arsenic	75-2	0.47	0.75	0.36	0.53	38.60	ppb
Barium	135-1	13.38	13.57	13.52	13.49	0.74	ppb
Barium	137-1	13.54	13.88	13.38	13.60	1.87	ppb
Beryllium	9-1	-0.03	-0.04	0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.09	4.53	11.30	6.64	60.87	ppb
Boron	11-1	4.41	3.70	4.80	4.30	12.99	ppb
Cadmium	111-1	-0.05	-0.05	0.04	-0.02		ppb
Cadmium	106-1	-1.46	-0.93	-0.17	-0.85		ppb
Cadmium	108-1	-0.04	0.08	0.04	0.03	196.28	ppb
Calcium	43-1	6836.02	6876.11	6803.45	6838.53	0.53	ppb
Calcium	44-1	7189.14	6961.07	6917.09	7022.43	2.08	ppb
Chromium	52-2	0.78	0.86	-0.19	0.49	119.95	ppb
Cobalt	59-2	0.17	0.11	0.02	0.10	80.94	ppb
Copper	63-2	330.93	371.16	149.76	283.95	41.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102.24	113.93	46.11	87.43	41.47	ppb
Iron	57-2	121.20	104.35	34.68	86.74	52.88	ppb
Lead	206-1	9.40	9.15	9.23	9.26	1.37	ppb
Lead	207-1	8.59	8.59	8.46	8.55	0.86	ppb
Lead	208-1	8.86	8.87	8.75	8.83	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	2111.10	2476.33	976.51	1854.65	42.17	ppb
Manganese	55-2	22.16	26.66	11.14	19.99	39.98	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-35	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-40-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:48:44	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.01	85.32	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	17.03	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	29.15	ppb
Molybdenum	97-1	0.05	0.01	0.01	0.02	75.65	ppb
Molybdenum	98-1	0.04	0.01	0.03	0.03	43.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.95	24.24	9.45	17.88	42.54	ppb
Phosphorus	31-2	1305.84	1690.41	663.51	1219.92	42.53	ppb
Potassium	39-2	1286.34	1369.81	480.32	1045.49	46.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	27.98	0.00	9.33	173.21	ppb
Selenium	78-2	0.07	-2.02	0.99	-0.32		ppb
Selenium	82-1	0.52	1.13	1.19	0.95	38.76	ppb
Silicon	28-1	915.83	908.04	893.36	905.74	1.26	ppb
Silver	109-1	0.01	0.02	0.02	0.01	13.47	ppb
Silver	107-1	0.01	0.03	0.01	0.02	42.84	ppb
Sodium	23-2	21105.99	23968.43	9746.13	18273.51	41.17	ppb
Strontium	86-1	21.17	21.83	21.52	21.51	1.55	ppb
Strontium	88-1	21.37	22.01	22.04	21.81	1.74	ppb
Sulfur	34-1	-720.60	-569.07	-665.66	-651.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	68.93	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	51.16	ppb
Tin	118-1	0.04	0.03	0.03	0.03	13.82	ppb
Titanium	47-1	0.10	0.06	0.13	0.09	36.24	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	18.50	ppb
Vanadium	51-2	0.26	0.27	0.13	0.22	37.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	346.26	395.78	159.67	300.57	41.42	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	47.26	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-35	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-40-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:48:44	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	30.43	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-36 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-41-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:51:54 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.55	10.84	22.33	19.24	38.26	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	19.37	ppb
Arsenic	75-2	0.41	0.29	0.42	0.37	19.97	ppb
Barium	135-1	14.14	14.30	14.30	14.25	0.65	ppb
Barium	137-1	14.11	14.19	14.17	14.16	0.27	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.82	3.15	2.60	3.19	19.27	ppb
Boron	11-1	3.46	4.01	3.64	3.70	7.59	ppb
Cadmium	111-1	-0.05	-0.07	-0.12	-0.08		ppb
Cadmium	106-1	-0.69	-1.00	-1.62	-1.10		ppb
Cadmium	108-1	-0.08	-0.08	-0.08	-0.08		ppb
Calcium	43-1	6886.64	6917.17	6938.48	6914.10	0.38	ppb
Calcium	44-1	7092.35	7115.22	7201.45	7136.34	0.81	ppb
Chromium	52-2	-0.32	-0.26	-0.28	-0.29		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	100.63	92.43	92.03	95.03	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	61.77	56.69	56.13	58.19	5.34	ppb
Iron	57-2	65.18	64.97	46.70	58.95	17.99	ppb
Lead	206-1	0.79	0.87	0.77	0.81	6.49	ppb
Lead	207-1	0.83	0.73	0.74	0.77	7.22	ppb
Lead	208-1	0.79	0.78	0.76	0.78	2.41	ppb
Lithium	6-1						%
Magnesium	24-2	1153.55	1060.11	1055.26	1089.64	5.08	ppb
Manganese	55-2	16.96	14.43	15.61	15.67	8.06	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-36 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-41-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:51:54 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	9.99	ppb
Molybdenum	95-1	0.05	0.03	0.02	0.03	38.73	ppb
Molybdenum	96-1	0.06	0.02	0.03	0.03	61.52	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	52.39	ppb
Molybdenum	98-1	0.00	0.01	0.04	0.02	119.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.74	0.64	0.70	7.36	ppb
Phosphorus	31-2	914.10	751.22	747.46	804.26	11.83	ppb
Potassium	39-2	564.01	468.68	449.23	493.97	12.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	-1.09	1.73	-0.12		ppb
Selenium	82-1	1.15	1.27	1.12	1.18	6.86	ppb
Silicon	28-1	867.85	886.52	854.60	869.66	1.84	ppb
Silver	109-1	0.02	0.01	0.01	0.01	57.46	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.66	ppb
Sodium	23-2	11090.92	10024.36	10022.05	10379.11	5.94	ppb
Strontium	86-1	22.11	22.30	22.06	22.16	0.56	ppb
Strontium	88-1	22.31	22.80	22.68	22.60	1.12	ppb
Sulfur	34-1	-2702.99	-2640.43	-2360.68	-2568.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	865.12	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	30.27	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.24	0.25	0.22	0.24	6.25	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.00	ppb
Vanadium	51-2	0.19	0.09	0.10	0.13	42.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	14.68	13.69	12.82	13.73	6.77	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	30.95	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-36	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-41-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:51:54	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	45.88	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-37 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-43-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:55:02 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.45	6.52	4.97	6.65	26.26	ppb
Antimony	121-1	0.07	0.05	0.05	0.06	20.06	ppb
Arsenic	75-2	0.72	0.16	0.42	0.43	64.87	ppb
Barium	135-1	13.39	13.43	14.91	13.91	6.24	ppb
Barium	137-1	13.10	13.26	14.78	13.71	6.74	ppb
Beryllium	9-1	-0.04	-0.05	-0.01	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	4.16	4.85	4.27	12.51	ppb
Boron	11-1	3.97	4.43	4.49	4.30	6.70	ppb
Cadmium	111-1	-0.13	0.07	-0.10	-0.05		ppb
Cadmium	106-1	-1.98	1.00	-1.67	-0.88		ppb
Cadmium	108-1	-0.07	-0.03	0.02	-0.03		ppb
Calcium	43-1	6864.35	6875.00	7631.05	7123.47	6.17	ppb
Calcium	44-1	7032.97	6986.17	7818.59	7279.24	6.42	ppb
Chromium	52-2	-0.25	-0.17	-0.24	-0.22		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	183.82	ppb
Copper	63-2	144.99	143.12	146.20	144.77	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35.69	35.95	38.74	36.80	4.60	ppb
Iron	57-2	23.76	35.35	40.06	33.05	25.37	ppb
Lead	206-1	4.83	4.76	5.39	5.00	6.91	ppb
Lead	207-1	4.44	4.58	4.97	4.66	5.81	ppb
Lead	208-1	4.58	4.63	5.06	4.75	5.52	ppb
Lithium	6-1						%
Magnesium	24-2	988.72	992.36	1001.47	994.18	0.66	ppb
Manganese	55-2	13.88	13.00	12.48	13.12	5.39	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-37	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-43-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:55:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	91.51	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	59.71	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.02	64.47	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	28.12	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	20.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.50	0.59	0.52	11.06	ppb
Phosphorus	31-2	657.97	624.05	561.43	614.49	7.97	ppb
Potassium	39-2	465.57	460.05	491.73	472.45	3.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.17	2.06	173.21	ppb
Selenium	78-2	-2.02	-0.99	-2.02	-1.68		ppb
Selenium	82-1	1.32	1.89	1.30	1.50	22.26	ppb
Silicon	28-1	896.68	891.22	1025.34	937.75	8.09	ppb
Silver	109-1	0.01	0.00	0.02	0.01	96.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00	257.78	ppb
Sodium	23-2	9750.84	9580.67	9813.88	9715.13	1.24	ppb
Strontium	86-1	21.53	22.18	23.97	22.56	5.61	ppb
Strontium	88-1	21.79	22.06	23.63	22.50	4.42	ppb
Sulfur	34-1	-219.15	-515.94	1712.41	325.77	371.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	41.82	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	56.79	ppb
Tin	118-1	0.00	0.01	0.02	0.01	105.33	ppb
Titanium	47-1	0.06	0.11	0.35	0.17	88.25	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.31	ppb
Vanadium	51-2	0.12	0.16	0.12	0.13	16.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.03	53.35	55.54	54.31	2.07	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	47.21	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-37	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-43-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:55:02	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	143.35	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.08	-0.18	-0.14		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.05	0.00	-0.05	-0.04		ppb
Barium	135-1	-0.13	-0.14	-0.13	-0.13		ppb
Barium	137-1	-0.14	-0.15	-0.14	-0.14		ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.19	0.00	-0.33	-0.05		ppb
Boron	11-1	0.21	0.26	0.31	0.26	19.01	ppb
Cadmium	111-1	-0.12	-0.06	-0.06	-0.08		ppb
Cadmium	106-1	-1.53	-0.93	-0.85	-1.10		ppb
Cadmium	108-1	0.11	0.11	-0.03	0.06	121.02	ppb
Calcium	43-1	-32.87	-27.60	-30.29	-30.25		ppb
Calcium	44-1	-13.69	-11.79	-13.41	-12.96		ppb
Chromium	52-2	-0.29	-0.36	-0.47	-0.37		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.01	-0.01	0.00	0.00	2923.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.98	-0.90	-0.67	-0.85		ppb
Iron	57-2	-4.07	-0.51	-2.34	-2.30		ppb
Lead	206-1	489.05	495.12	489.90	491.36	0.67	ppb
Lead	207-1	493.93	493.93	498.26	495.37	0.50	ppb
Lead	208-1	496.19	494.47	493.64	494.77	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	-2.13	1.34	-1.72	-0.83		ppb
Manganese	55-2	0.10	0.08	0.06	0.08	27.70	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	-0.01	0.00		ppb
Phosphorus	31-2	44.08	-12.56	15.63	15.72	180.21	ppb
Potassium	39-2	4.98	4.83	-20.28	-3.49		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-2.02	-2.02	-1.27		ppb
Selenium	82-1	1.34	1.47	0.45	1.08	51.37	ppb
Silicon	28-1	-44.75	-40.95	-45.00	-43.57		ppb
Silver	109-1	0.00	0.01	0.00	0.00	71.83	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	27.64	34.18	27.80	29.87	12.49	ppb
Strontium	86-1	0.02	-0.06	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	317.29	ppb
Sulfur	34-1	176.66	561.93	454.22	397.60	49.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.02	26.47	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.60	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.07	-0.10	-0.10	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	-0.01	0.00	309.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.33	0.41	-0.03	0.24	98.06	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	516.28	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.49	1.63	-0.28	1.61	116.82	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.02	-0.03	0.02	0.00	633.86	ppb
Barium	135-1	-0.12	-0.13	-0.15	-0.13		ppb
Barium	137-1	-0.16	-0.15	-0.15	-0.15		ppb
Beryllium	9-1	-0.05	-0.02	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.28	0.59	0.04	0.12	373.94	ppb
Boron	11-1	0.32	0.24	0.16	0.24	33.08	ppb
Cadmium	111-1	-0.08	-0.10	-0.05	-0.08		ppb
Cadmium	106-1	-1.03	-1.48	-0.82	-1.11		ppb
Cadmium	108-1	-0.03	-0.02	-0.11	-0.05		ppb
Calcium	43-1	-34.01	-49.58	-52.14	-45.24		ppb
Calcium	44-1	-15.56	-10.69	-12.97	-13.07		ppb
Chromium	52-2	-0.09	-0.13	-0.22	-0.15		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.00	0.00	0.00	0.00	396.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.98	-0.99	-0.98	-0.98		ppb
Iron	57-2	-3.53	-1.28	-2.40	-2.40		ppb
Lead	206-1	0.05	0.04	0.02	0.04	33.00	ppb
Lead	207-1	0.00	0.03	0.02	0.02	66.16	ppb
Lead	208-1	0.01	0.03	0.03	0.02	34.43	ppb
Lithium	6-1						%
Magnesium	24-2	-0.18	0.25	-2.19	-0.71		ppb
Manganese	55-2	0.13	-0.01	-0.01	0.04	215.38	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	-0.01	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	0.03	-0.03		ppb
Phosphorus	31-2	14.75	-12.56	14.96	5.71	276.98	ppb
Potassium	39-2	-19.66	-9.24	1.18	-9.24		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-0.92	0.18	-0.92		ppb
Selenium	82-1	0.79	1.28	1.08	1.05	23.74	ppb
Silicon	28-1	-49.95	-35.01	-39.12	-41.36		ppb
Silver	109-1	0.00	0.00	0.01	0.00	36.64	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	25.30	28.53	17.18	23.67	24.70	ppb
Strontium	86-1	-0.02	0.07	0.04	0.03	171.22	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	269.82	1370.27	838.11	826.06	66.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	35.51	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	29.95	ppb
Tin	118-1	-0.03	0.00	-0.05	-0.03		ppb
Titanium	47-1	-0.06	0.03	0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	0.17	0.14	0.13	41.20	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	431.44	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.01	0.00	206.47	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-38 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-44-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:04:31 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.40	15.84	22.85	20.36	19.27	ppb
Antimony	121-1	0.05	0.05	0.04	0.04	18.07	ppb
Arsenic	75-2	0.27	0.31	0.06	0.22	62.41	ppb
Barium	135-1	15.00	13.95	13.68	14.21	4.93	ppb
Barium	137-1	15.29	14.05	14.16	14.50	4.75	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.42	3.06	4.55	4.01	20.63	ppb
Boron	11-1	4.29	4.13	3.86	4.10	5.36	ppb
Cadmium	111-1	-0.10	-0.01	-0.11	-0.08		ppb
Cadmium	106-1	-1.43	-0.18	-1.63	-1.08		ppb
Cadmium	108-1	0.01	-0.07	-0.03	-0.03		ppb
Calcium	43-1	7444.29	6888.17	6821.30	7051.25	4.85	ppb
Calcium	44-1	7559.91	7167.50	7125.07	7284.16	3.29	ppb
Chromium	52-2	-0.37	-0.31	-0.29	-0.32		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	106.06	107.78	106.04	106.62	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	57.67	54.66	53.89	55.41	3.61	ppb
Iron	57-2	53.36	58.08	64.36	58.60	9.42	ppb
Lead	206-1	2.67	2.50	2.57	2.58	3.37	ppb
Lead	207-1	2.45	2.25	2.21	2.30	5.65	ppb
Lead	208-1	2.56	2.39	2.39	2.45	4.14	ppb
Lithium	6-1						%
Magnesium	24-2	987.67	1045.84	1029.15	1020.89	2.93	ppb
Manganese	55-2	14.07	13.56	14.02	13.88	2.01	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-38	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-44-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:04:31	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.00	198.69	ppb
Molybdenum	95-1	0.05	0.02	0.04	0.04	32.87	ppb
Molybdenum	96-1	0.03	0.04	0.01	0.02	57.35	ppb
Molybdenum	97-1	0.04	0.00	0.03	0.02	69.74	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	23.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.34	0.41	0.36	11.08	ppb
Phosphorus	31-2	571.47	769.33	891.42	744.08	21.70	ppb
Potassium	39-2	418.77	500.59	481.51	466.96	9.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.01	0.00	12.09	6.03	100.19	ppb
Selenium	78-2	-1.01	-2.02	-2.02	-1.68		ppb
Selenium	82-1	1.10	0.51	0.63	0.75	41.94	ppb
Silicon	28-1	951.28	882.06	855.46	896.27	5.52	ppb
Silver	109-1	0.00	0.00	0.00	0.00	109.77	ppb
Silver	107-1	0.01	0.00	0.00	0.00	190.36	ppb
Sodium	23-2	9633.80	9896.49	9765.78	9765.36	1.34	ppb
Strontium	86-1	23.84	21.96	22.41	22.73	4.31	ppb
Strontium	88-1	23.82	22.34	22.21	22.79	3.91	ppb
Sulfur	34-1	793.02	-189.78	-219.45	127.93	450.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	49.11	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.55	ppb
Tin	118-1	-0.05	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.35	0.66	0.32	0.44	42.04	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.49	ppb
Vanadium	51-2	0.11	0.09	0.13	0.11	20.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.60	14.67	15.89	15.72	6.20	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	25.99	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-38	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-44-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:04:31	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.01	0.01	96.05	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-39 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-45-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:07:41 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.55	35.12	28.25	24.97	48.54	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	7.90	ppb
Arsenic	75-2	0.47	0.22	0.24	0.31	43.88	ppb
Barium	135-1	11.99	12.26	12.11	12.12	1.13	ppb
Barium	137-1	11.67	12.13	11.78	11.86	2.06	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.22	4.67	5.14	4.68	9.84	ppb
Boron	11-1	5.16	5.09	5.50	5.25	4.14	ppb
Cadmium	111-1	-0.01	-0.13	-0.04	-0.06		ppb
Cadmium	106-1	-0.63	-2.26	-1.04	-1.31		ppb
Cadmium	108-1	-0.11	0.04	0.00	-0.02		ppb
Calcium	43-1	6847.37	6970.06	6912.16	6909.86	0.89	ppb
Calcium	44-1	7066.53	7154.25	7151.65	7124.14	0.70	ppb
Chromium	52-2	-0.16	-0.13	-0.27	-0.19		ppb
Cobalt	59-2	0.06	0.06	0.08	0.07	20.93	ppb
Copper	63-2	150.11	153.29	156.02	153.14	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	73.30	78.06	76.51	75.96	3.20	ppb
Iron	57-2	81.03	88.90	79.65	83.19	6.00	ppb
Lead	206-1	10.99	11.11	11.12	11.07	0.67	ppb
Lead	207-1	10.10	10.09	10.16	10.12	0.36	ppb
Lead	208-1	10.47	10.57	10.60	10.55	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	1000.61	1033.42	1016.68	1016.90	1.61	ppb
Manganese	55-2	11.18	12.12	11.70	11.67	4.07	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-39	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-45-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:07:41	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.00	0.01	113.35	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	12.02	ppb
Molybdenum	96-1	0.02	0.04	0.02	0.03	39.42	ppb
Molybdenum	97-1	-0.01	0.03	0.03	0.02	151.21	ppb
Molybdenum	98-1	0.02	0.01	0.04	0.02	70.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.11	13.16	12.49	12.59	4.25	ppb
Phosphorus	31-2	662.54	704.85	710.74	692.71	3.80	ppb
Potassium	39-2	512.96	497.80	504.06	504.94	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	-1.01	-0.01	-0.35		ppb
Selenium	82-1	0.81	1.26	0.87	0.98	24.59	ppb
Silicon	28-1	872.44	883.70	886.09	880.75	0.83	ppb
Silver	109-1	0.02	0.02	0.01	0.02	30.43	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.90	ppb
Sodium	23-2	9790.28	9892.78	9978.85	9887.31	0.95	ppb
Strontium	86-1	22.07	21.87	21.61	21.85	1.07	ppb
Strontium	88-1	21.95	22.31	22.32	22.19	0.97	ppb
Sulfur	34-1	-713.41	-661.81	-515.80	-630.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	51.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.21	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	1418.42	ppb
Titanium	47-1	0.18	0.17	0.20	0.19	9.31	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.16	ppb
Vanadium	51-2	0.05	0.10	0.18	0.11	57.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	69.24	70.44	72.47	70.72	2.31	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	26.52	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-39	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-45-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:07:41	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.03	0.03	60.42	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-40 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-46-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:10:51 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.42	9.97	11.74	16.71	60.91	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	21.47	ppb
Arsenic	75-2	0.32	0.62	0.27	0.40	46.44	ppb
Barium	135-1	13.80	13.93	14.02	13.91	0.77	ppb
Barium	137-1	14.00	14.10	14.25	14.12	0.92	ppb
Beryllium	9-1	-0.04	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.47	2.96	4.26	3.56	18.48	ppb
Boron	11-1	4.13	3.97	3.95	4.02	2.47	ppb
Cadmium	111-1	-0.06	-0.05	-0.11	-0.07		ppb
Cadmium	106-1	-0.94	-0.83	-1.64	-1.13		ppb
Cadmium	108-1	0.04	-0.03	-0.03	-0.01		ppb
Calcium	43-1	6760.48	6948.40	6880.17	6863.02	1.39	ppb
Calcium	44-1	7156.27	7176.05	7061.04	7131.12	0.86	ppb
Chromium	52-2	-0.29	-0.35	-0.22	-0.28		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	67.40	65.51	65.90	66.27	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.97	43.75	45.21	45.31	3.56	ppb
Iron	57-2	50.43	51.60	48.00	50.01	3.67	ppb
Lead	206-1	0.82	0.79	0.77	0.79	2.81	ppb
Lead	207-1	0.67	0.75	0.72	0.71	5.80	ppb
Lead	208-1	0.75	0.79	0.78	0.77	2.65	ppb
Lithium	6-1						%
Magnesium	24-2	1041.96	1036.71	1014.66	1031.11	1.40	ppb
Manganese	55-2	13.14	13.98	13.85	13.66	3.29	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-40	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-46-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:10:51	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.01	0.01	88.26	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	17.75	ppb
Molybdenum	96-1	0.03	0.03	0.05	0.04	26.13	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	13.95	ppb
Molybdenum	98-1	0.03	0.04	0.01	0.03	56.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.74	2.38	2.39	2.50	8.22	ppb
Phosphorus	31-2	506.74	695.78	696.03	632.85	17.26	ppb
Potassium	39-2	458.39	495.81	443.41	465.87	5.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-2.02	0.01	-1.34		ppb
Selenium	82-1	0.96	1.44	0.59	1.00	42.85	ppb
Silicon	28-1	870.31	872.06	860.54	867.64	0.72	ppb
Silver	109-1	0.00	0.01	0.01	0.01	36.53	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9772.93	9608.07	9575.98	9652.32	1.09	ppb
Strontium	86-1	22.40	21.84	22.18	22.14	1.26	ppb
Strontium	88-1	22.55	22.23	22.28	22.35	0.77	ppb
Sulfur	34-1	-844.56	-243.00	-402.34	-496.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	14.16	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.81	ppb
Tin	118-1	0.00	0.00	0.01	0.00	168.03	ppb
Titanium	47-1	0.21	0.11	0.37	0.23	55.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.69	ppb
Vanadium	51-2	0.11	0.06	0.06	0.08	38.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.76	8.03	9.23	9.00	9.88	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	53.90	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-40	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-46-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:10:51	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.04	0.02	89.94	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-41 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-47-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:14:00 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.21	17.08	2.91	14.07	71.07	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	16.65	ppb
Arsenic	75-2	0.36	0.20	0.32	0.29	28.04	ppb
Barium	135-1	12.87	13.38	13.73	13.33	3.25	ppb
Barium	137-1	13.32	13.49	12.89	13.24	2.35	ppb
Beryllium	9-1	-0.04	-0.04	-0.01	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.55	2.78	3.60	3.31	13.89	ppb
Boron	11-1	4.47	4.52	4.48	4.49	0.62	ppb
Cadmium	111-1	-0.03	-0.10	0.00	-0.04		ppb
Cadmium	106-1	-0.52	-1.43	-0.01	-0.65		ppb
Cadmium	108-1	0.16	0.00	0.12	0.09	85.48	ppb
Calcium	43-1	6834.52	6971.50	6914.79	6906.94	1.00	ppb
Calcium	44-1	7106.59	7126.50	7172.77	7135.29	0.48	ppb
Chromium	52-2	-0.34	-0.24	-0.30	-0.29		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	91.44	90.14	90.31	90.63	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.20	34.29	34.06	34.18	0.35	ppb
Iron	57-2	27.76	31.07	33.43	30.75	9.26	ppb
Lead	206-1	2.68	2.66	2.68	2.67	0.52	ppb
Lead	207-1	2.49	2.43	2.49	2.47	1.32	ppb
Lead	208-1	2.56	2.56	2.53	2.55	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	1014.38	1020.78	1002.34	1012.50	0.92	ppb
Manganese	55-2	9.87	9.14	9.57	9.53	3.88	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-41 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-47-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:14:00 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.01	78.84	ppb
Molybdenum	95-1	0.06	0.04	0.03	0.04	34.41	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.03	55.58	ppb
Molybdenum	97-1	0.00	0.05	0.01	0.02	118.92	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	18.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.81	0.83	0.79	6.29	ppb
Phosphorus	31-2	466.55	545.69	693.71	568.65	20.28	ppb
Potassium	39-2	443.82	441.09	439.34	441.42	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	1.02	-2.02	-1.00		ppb
Selenium	82-1	0.75	1.85	1.22	1.27	43.48	ppb
Silicon	28-1	860.26	868.17	931.02	886.49	4.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9702.31	9704.70	9695.82	9700.94	0.05	ppb
Strontium	86-1	21.56	22.35	21.25	21.72	2.61	ppb
Strontium	88-1	22.39	22.15	21.85	22.13	1.22	ppb
Sulfur	34-1	-683.20	-618.27	-312.54	-538.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	103.67	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	31.25	ppb
Tin	118-1	0.46	0.48	0.48	0.47	2.67	ppb
Titanium	47-1	0.17	0.27	21.54	7.33	168.03	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	40.46	ppb
Vanadium	51-2	0.08	0.11	0.04	0.08	47.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	185.87	191.94	191.67	189.83	1.81	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	89.12	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-41	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-47-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:14:00	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.01	87.95	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-42 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-48-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:17:09 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.06	23.73	17.11	20.30	16.34	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	3.86	ppb
Arsenic	75-2	0.31	0.41	0.29	0.34	18.50	ppb
Barium	135-1	14.26	14.39	13.71	14.12	2.54	ppb
Barium	137-1	14.46	14.87	14.75	14.69	1.45	ppb
Beryllium	9-1	-0.04	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.64	3.31	3.66	3.21	16.23	ppb
Boron	11-1	3.43	4.18	4.51	4.04	13.61	ppb
Cadmium	111-1	-0.12	-0.02	-0.01	-0.05		ppb
Cadmium	106-1	-1.71	-0.14	-0.14	-0.66		ppb
Cadmium	108-1	-0.11	0.08	-0.07	-0.03		ppb
Calcium	43-1	6918.93	6908.63	6862.62	6896.73	0.43	ppb
Calcium	44-1	7155.23	7214.78	7036.29	7135.43	1.27	ppb
Chromium	52-2	-0.27	-0.18	-0.28	-0.24		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	62.04	61.24	62.49	61.92	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.62	42.38	42.72	42.91	1.50	ppb
Iron	57-2	39.38	35.64	50.28	41.77	18.22	ppb
Lead	206-1	0.48	0.47	0.49	0.48	2.48	ppb
Lead	207-1	0.39	0.42	0.37	0.39	6.56	ppb
Lead	208-1	0.44	0.46	0.45	0.45	2.09	ppb
Lithium	6-1						%
Magnesium	24-2	998.58	967.21	997.23	987.67	1.80	ppb
Manganese	55-2	12.57	13.31	13.33	13.07	3.30	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-42 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-48-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:17:09 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	62.28	ppb
Molybdenum	95-1	0.02	0.04	0.05	0.03	37.12	ppb
Molybdenum	96-1	0.06	0.02	0.03	0.04	52.79	ppb
Molybdenum	97-1	0.05	0.04	0.01	0.03	76.62	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.02	42.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.31	0.33	0.32	2.67	ppb
Phosphorus	31-2	607.64	887.47	470.15	655.09	32.46	ppb
Potassium	39-2	454.54	420.00	496.72	457.09	8.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	-1.01	-1.01	-1.01		ppb
Selenium	82-1	1.58	1.08	1.32	1.33	19.07	ppb
Silicon	28-1	862.76	928.69	876.91	889.46	3.90	ppb
Silver	109-1	0.00	0.01	0.01	0.00	87.53	ppb
Silver	107-1	0.00	0.00	0.00	0.00	147.17	ppb
Sodium	23-2	9399.32	9387.42	9509.27	9432.00	0.71	ppb
Strontium	86-1	21.55	21.77	21.69	21.67	0.51	ppb
Strontium	88-1	22.18	22.10	22.19	22.16	0.21	ppb
Sulfur	34-1	-322.78	-307.42	-133.77	-254.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	57.28	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	50.42	ppb
Tin	118-1	0.00	-0.02	0.02	0.00	1217.83	ppb
Titanium	47-1	0.28	0.20	0.23	0.24	17.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.55	ppb
Vanadium	51-2	0.11	0.08	0.07	0.09	23.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.65	10.14	10.40	10.40	2.44	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	26.00	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-42	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-48-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:17:09	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	55.42	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.12	3.65	1.07	207.36	ppb
Antimony	121-1	0.00	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.13	-0.12	-0.14	-0.13		ppb
Barium	137-1	-0.14	-0.15	-0.15	-0.15		ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.06	-0.65	-0.75	-0.49		ppb
Boron	11-1	-0.24	-0.03	-0.22	-0.16		ppb
Cadmium	111-1	-0.09	-0.12	-0.02	-0.08		ppb
Cadmium	106-1	-1.23	-1.64	-0.33	-1.07		ppb
Cadmium	108-1	-0.02	-0.02	-0.11	-0.05		ppb
Calcium	43-1	-38.31	-40.44	-51.09	-43.28		ppb
Calcium	44-1	-10.80	-14.80	-15.47	-13.69		ppb
Chromium	52-2	-0.38	-0.44	-0.37	-0.40		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	7459.88	ppb
Copper	63-2	0.02	-0.03	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.60	-0.94	-0.88	-0.81		ppb
Iron	57-2	-1.29	-1.14	-2.37	-1.60		ppb
Lead	206-1	487.49	496.89	499.41	494.60	1.27	ppb
Lead	207-1	490.95	495.44	502.79	496.39	1.20	ppb
Lead	208-1	494.82	493.40	498.12	495.45	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	-1.79	-2.10	-2.16	-2.02		ppb
Manganese	55-2	-0.03	0.04	-0.01	0.00		ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.08	-0.10	-0.08		ppb
Phosphorus	31-2	-12.56	73.33	-12.56	16.07	308.59	ppb
Potassium	39-2	6.04	1.82	-14.19	-2.11		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.19	-0.91	-0.18		ppb
Selenium	82-1	1.41	0.54	1.13	1.03	43.49	ppb
Silicon	28-1	-34.64	-40.64	-48.65	-41.31		ppb
Silver	109-1	0.00	0.00	0.00	0.00	171.91	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	19.05	25.22	25.38	23.22	15.55	ppb
Strontium	86-1	-0.06	-0.07	-0.05	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	1772.46	1345.75	233.96	1117.39	71.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	28.40	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	61.55	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	-0.07	-0.07	-0.09	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	5.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.19	0.04	0.17	70.51	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	24.16	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.00	0.01	170.15	ppb

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 16:23:30 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.11	-4.11	-0.26	-2.83		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.03	-0.05	0.00	-0.03		ppb
Barium	135-1	-0.15	-0.15	-0.14	-0.15		ppb
Barium	137-1	-0.16	-0.16	-0.16	-0.16		ppb
Beryllium	9-1	-0.03	0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.66	-0.50	-0.08	-0.42		ppb
Boron	11-1	-0.35	-0.53	-0.40	-0.43		ppb
Cadmium	111-1	-0.11	-0.04	-0.10	-0.08		ppb
Cadmium	106-1	-1.45	-0.53	-1.45	-1.15		ppb
Cadmium	108-1	-0.03	-0.07	-0.07	-0.05		ppb
Calcium	43-1	-33.92	-42.57	-27.28	-34.59		ppb
Calcium	44-1	-18.11	-18.11	-16.83	-17.68		ppb
Chromium	52-2	-0.14	0.02	-0.11	-0.07		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	152.09	ppb
Copper	63-2	0.01	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.01	-0.69	-0.90	-0.87		ppb
Iron	57-2	-1.87	-1.80	-1.82	-1.83		ppb
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	0.59	-0.10	3.13	1.21	141.00	ppb
Manganese	55-2	-0.03	0.03	-0.03	-0.01		ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 16:23:30	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	-0.03	-0.01		ppb
Phosphorus	31-2	-12.56	43.20	-12.56	6.02	534.32	ppb
Potassium	39-2	-17.81	-0.17	7.73	-3.42		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.66	0.00	2.22	173.21	ppb
Selenium	78-2	0.22	-2.02	-2.02	-1.27		ppb
Selenium	82-1	0.47	1.36	0.83	0.89	50.16	ppb
Silicon	28-1	-45.21	-46.76	-47.55	-46.51		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	16.00	12.88	18.58	15.82	18.06	ppb
Strontium	86-1	0.03	-0.02	-0.09	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	317.55	373.74	324.00	338.43	9.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	0.01	0.00	276.60	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	93.07	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.04	-0.05	-0.08	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.02	0.01	0.01	253.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.28	0.00	0.15	91.66	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	47.14	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 16:23:30	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.01	0.00	605.70	ppb

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	8	19	49.50	cps
Antimony	121-1	42	83	83	69	34.64	cps
Arsenic	75-2	7	6	0	4	89.21	cps
Barium	135-1	217	158	208	194	16.23	cps
Barium	137-1	400	292	375	356	15.95	cps
Beryllium	9-1	44	39	56	46	18.33	cps
Bismuth	209-1	3747928	3769167	3732145	3749747	0.50	cps
Bismuth	209-2	1196189	1195762	1195558	1195836	0.03	cps
Boron	10-1	108	133	117	119	10.66	cps
Boron	11-1	417	367	583	456	24.90	cps
Cadmium	111-1	625	675	696	665	5.44	cps
Cadmium	106-1	908	958	967	945	3.34	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	1533	1608	1575	1572	2.39	cps
Calcium	44-1	15292	14750	15242	15095	1.99	cps
Chromium	52-2	720	643	647	670	6.47	cps
Cobalt	59-2	50	60	37	49	23.94	cps
Copper	63-2	77	100	123	100	23.33	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	33	108	67	57.29	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	5786495	5917238	5785647	5829793	1.30	cps
Holmium	165-2	1455674	1458115	1444356	1452715	0.51	cps
Indium	115-1	4862759	4928358	4956013	4915710	0.97	cps
Indium	115-2	246243	244617	244584	245148	0.39	cps
Iron	56-2	1361	1267	1395	1341	4.94	cps
Iron	57-2	50	67	33	50	33.34	cps
Lead	206-1	194	289	283	256	20.74	cps
Lead	207-1	256	244	267	256	4.35	cps
Lead	208-1	1122	1033	1200	1119	7.46	cps
Lithium	6-1	917768	926534	943573	929292	1.41	cps
Magnesium	24-2	100	92	92	94	5.10	cps
Manganese	55-2	7	13	7	9	43.25	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	158	217	186	15.73	cps
Molybdenum	95-1	83	42	33	53	50.76	cps
Molybdenum	96-1	125	92	67	94	30.99	cps
Molybdenum	97-1	75	42	50	56	31.22	cps
Molybdenum	98-1	117	117	108	114	4.23	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	77	67	77	73	7.87	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2125	2759	2050	2311	16.84	cps
Rhodium	103-1	4461439	4522324	4568514	4517426	1.19	cps
Rhodium	103-2	1291293	1299258	1298008	1296186	0.33	cps
Scandium	45-1	2816322	2805903	2826061	2816095	0.36	cps
Scandium	45-2	25136	24722	25490	25116	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	7	4	100.05	cps
Selenium	82-1	-63	-132	-90	-95	-36.75	cps
Silicon	28-1	441979	443700	441567	442415	0.26	cps
Silver	109-1	8	25	25	19	49.50	cps
Silver	107-1	67	58	42	56	22.91	cps
Sodium	23-2	3617	3534	3467	3539	2.12	cps
Strontium	86-1	450	500	450	467	6.19	cps
Strontium	88-1	83	67	175	108	53.85	cps
Sulfur	34-1	328136	326918	326927	327327	0.21	cps
Terbium	159-1	6046035	6062180	6043669	6050628	0.17	cps
Terbium	159-2	1427530	1427251	1430468	1428416	0.12	cps
Thallium	203-1	50	75	17	47	61.97	cps
Thallium	205-1	75	108	117	100	22.05	cps
Tin	118-1	450	492	417	453	8.30	cps
Titanium	47-1	175	150	158	161	7.90	cps
Uranium	238-1	50	50	42	47	10.18	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	5054323	5062205	5070698	5062409	0.16	cps
Yttrium	89-2	174549	175119	176184	175284	0.47	cps
Zinc	66-2	3	23	27	18	71.00	cps
Zirconium	90-1	250	225	267	247	8.48	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:04:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	67	92	67	37.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	92	94	13.48	cps
Antimony	121-1	11080	10913	11297	11097	1.73	cps
Arsenic	75-2	104	80	91	91	13.19	cps
Barium	135-1	11889	11839	12114	11948	1.23	cps
Barium	137-1	21126	21168	20726	21006	1.16	cps
Beryllium	9-1	900	961	872	911	4.99	cps
Bismuth	209-1	3850128	3812286	3712807	3791740	1.87	cps
Bismuth	209-2	1204240	1201814	1204013	1203356	0.11	cps
Boron	10-1	2275	2325	2242	2281	1.84	cps
Boron	11-1	10129	10596	10921	10549	3.78	cps
Cadmium	111-1	2026	2046	1896	1989	4.10	cps
Cadmium	106-1	1158	1208	1175	1181	2.16	cps
Cadmium	108-1	133	71	92	99	32.28	cps
Calcium	43-1	7828	7711	7719	7752	0.84	cps
Calcium	44-1	118497	115254	118203	117318	1.53	cps
Chromium	52-2	1947	1863	1897	1902	2.21	cps
Cobalt	59-2	1317	1297	1290	1301	1.07	cps
Copper	63-2	2190	2334	2280	2268	3.19	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	5733235	5783225	5643723	5720061	1.24	cps
Holmium	165-2	1470140	1453896	1459565	1461200	0.56	cps
Indium	115-1	4939740	4957787	4813934	4903820	1.60	cps
Indium	115-2	247252	248124	243255	246210	1.05	cps
Iron	56-2	21055	20599	20638	20764	1.22	cps
Iron	57-2	528	428	528	494	11.68	cps
Lead	206-1	3929	3723	3667	3773	3.65	cps
Lead	207-1	3728	3484	3367	3527	5.23	cps
Lead	208-1	16021	15371	15510	15634	2.19	cps
Lithium	6-1	962594	956367	940349	953103	1.20	cps
Magnesium	24-2	9979	10521	10087	10196	2.81	cps
Manganese	55-2	193	197	197	196	0.98	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10012	9954	9696	9887	1.71	cps
Molybdenum	95-1	12198	12164	12156	12173	0.18	cps
Molybdenum	96-1	13966	14000	13391	13785	2.48	cps
Molybdenum	97-1	7085	7169	7019	7091	1.06	cps
Molybdenum	98-1	19290	18780	19665	19245	2.31	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	497	447	493	479	5.84	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	7761	7994	8545	8100	4.97	cps
Rhodium	103-1	4615794	4602871	4514578	4577748	1.20	cps
Rhodium	103-2	1315747	1300763	1295222	1303911	0.81	cps
Scandium	45-1	2869362	2894811	2794671	2852948	1.82	cps
Scandium	45-2	24899	25056	24679	24878	0.76	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	9	9	9	9	0.00	cps
Selenium	82-1	321	376	456	384	17.67	cps
Silicon	28-1	486601	480530	486149	484427	0.70	cps
Silver	109-1	5610	5618	5877	5701	2.66	cps
Silver	107-1	6594	6243	5843	6227	6.03	cps
Sodium	23-2	27085	27469	27469	27341	0.81	cps
Strontium	86-1	1767	1917	1975	1886	5.70	cps
Strontium	88-1	13057	13015	13607	13226	2.50	cps
Sulfur	34-1	331828	328442	331701	330657	0.58	cps
Terbium	159-1	6027753	6091488	5838306	5985849	2.20	cps
Terbium	159-2	1439753	1425795	1419337	1428295	0.73	cps
Thallium	203-1	4418	4509	4276	4401	2.67	cps
Thallium	205-1	10738	10446	9554	10246	6.02	cps
Tin	118-1	19882	20383	20024	20097	1.28	cps
Titanium	47-1	3351	3334	2892	3192	8.14	cps
Uranium	238-1	13208	13541	13616	13455	1.62	cps
Vanadium	51-2	2254	2117	1974	2115	6.62	cps
Yttrium	89-1	5143680	5121072	4998178	5087643	1.54	cps
Yttrium	89-2	178100	175461	175492	176351	0.86	cps
Zinc	66-2	237	240	270	249	7.38	cps
Zirconium	90-1	8420	8361	8545	8442	1.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:11:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2000	1934	1859	1931	3.67	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4876	4784	5109	4923	3.41	cps
Antimony	121-1	324391	325011	325299	324900	0.14	cps
Arsenic	75-2	3995	4058	4040	4031	0.80	cps
Barium	135-1	343864	341331	336535	340577	1.09	cps
Barium	137-1	584352	583392	587678	585141	0.38	cps
Beryllium	9-1	46308	45996	46581	46295	0.63	cps
Bismuth	209-1	3868901	3830702	3848395	3849333	0.50	cps
Bismuth	209-2	1202658	1207426	1197680	1202588	0.41	cps
Boron	10-1	5118	5068	5209	5132	1.40	cps
Boron	11-1	22986	23888	24280	23718	2.80	cps
Cadmium	111-1	70612	70934	69580	70375	1.00	cps
Cadmium	106-1	8061	8511	7794	8122	4.46	cps
Cadmium	108-1	4851	4763	4634	4750	2.30	cps
Calcium	43-1	72161	71181	70888	71410	0.93	cps
Calcium	44-1	1161513	1164038	1159466	1161672	0.20	cps
Chromium	52-2	32384	32585	33029	32666	1.01	cps
Cobalt	59-2	68916	68876	69234	69009	0.28	cps
Copper	63-2	122719	124314	122255	123096	0.88	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	25	39	44.61	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	5950368	5909848	5811831	5890682	1.21	cps
Holmium	165-2	1473679	1470998	1460551	1468410	0.47	cps
Indium	115-1	4911549	5031456	4921565	4954857	1.34	cps
Indium	115-2	244843	244827	242909	244193	0.46	cps
Iron	56-2	1106615	1109042	1100285	1105314	0.41	cps
Iron	57-2	27606	27700	27706	27671	0.20	cps
Lead	206-1	199458	197327	195340	197375	1.04	cps
Lead	207-1	180051	177552	177395	178333	0.84	cps
Lead	208-1	805751	797135	795725	799537	0.68	cps
Lithium	6-1	983321	983624	965111	977352	1.08	cps
Magnesium	24-2	115005	116206	113964	115058	0.98	cps
Manganese	55-2	17738	18209	18119	18022	1.39	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	251825	252551	248571	250982	0.84	cps
Molybdenum	95-1	136034	132062	134814	134303	1.51	cps
Molybdenum	96-1	173140	174068	172247	173152	0.53	cps
Molybdenum	97-1	83666	82995	81361	82674	1.43	cps
Molybdenum	98-1	214315	217757	213781	215284	1.00	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20509	20395	20799	20568	1.01	cps
Phosphorus	31-2	258	333	350	314	15.56	cps
Potassium	39-2	35362	36858	36164	36128	2.07	cps
Rhodium	103-1	4540518	4631724	4531149	4567797	1.22	cps
Rhodium	103-2	1306704	1308249	1300411	1305121	0.32	cps
Scandium	45-1	2877384	2868494	2849229	2865036	0.50	cps
Scandium	45-2	25189	24966	24755	24970	0.87	cps
Selenium	77-2	37	17	7	20	76.36	cps
Selenium	78-2	98	93	109	100	8.49	cps
Selenium	82-1	4432	4441	4437	4437	0.10	cps
Silicon	28-1	612668	613439	610823	612310	0.22	cps
Silver	109-1	328715	323159	324780	325551	0.88	cps
Silver	107-1	342674	338792	339615	340360	0.60	cps
Sodium	23-2	267173	270664	272852	270230	1.06	cps
Strontium	86-1	88092	87983	86574	87550	0.97	cps
Strontium	88-1	761347	750702	747738	753262	0.95	cps
Sulfur	34-1	360030	358638	356409	358359	0.51	cps
Terbium	159-1	6135687	6120987	6085157	6113943	0.43	cps
Terbium	159-2	1437453	1441652	1428292	1435799	0.48	cps
Thallium	203-1	239809	239316	240309	239812	0.21	cps
Thallium	205-1	571120	568380	575013	571504	0.58	cps
Tin	118-1	223333	223353	222277	222988	0.28	cps
Titanium	47-1	36691	37117	36708	36839	0.65	cps
Uranium	238-1	774460	764300	769844	769535	0.66	cps
Vanadium	51-2	23540	23971	23326	23612	1.39	cps
Yttrium	89-1	5217311	5181445	5191750	5196836	0.36	cps
Yttrium	89-2	175971	178142	175265	176459	0.85	cps
Zinc	66-2	10724	10554	10944	10741	1.82	cps
Zirconium	90-1	480445	479870	479291	479869	0.12	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:15:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	106859	106187	105802	106283	0.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11497	11855	12081	11811	2.49	cps
Antimony	121-1	810306	818574	816027	814969	0.52	cps
Arsenic	75-2	9748	10117	9700	9855	2.31	cps
Barium	135-1	853644	857214	857339	856066	0.25	cps
Barium	137-1	1469510	1475546	1483665	1476240	0.48	cps
Beryllium	9-1	115745	116753	116904	116467	0.54	cps
Bismuth	209-1	4012930	3982925	3930633	3975496	1.05	cps
Bismuth	209-2	1194953	1125689	1178933	1166525	3.11	cps
Boron	10-1	12306	12973	13198	12826	3.62	cps
Boron	11-1	58831	59273	60762	59622	1.70	cps
Cadmium	111-1	173441	172640	173946	173342	0.38	cps
Cadmium	106-1	18739	18255	18322	18438	1.42	cps
Cadmium	108-1	12147	12018	12498	12221	2.03	cps
Calcium	43-1	174962	177011	176051	176008	0.58	cps
Calcium	44-1	2914519	2948824	2891465	2918269	0.99	cps
Chromium	52-2	79648	79886	79149	79561	0.47	cps
Cobalt	59-2	169513	170820	168188	169507	0.78	cps
Copper	63-2	301180	299239	299347	299922	0.36	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	42	117	50	69	59.19	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	6120866	6006912	6051400	6059726	0.95	cps
Holmium	165-2	1464122	1383215	1447695	1431677	2.99	cps
Indium	115-1	5038192	5057681	5045123	5046999	0.20	cps
Indium	115-2	242863	227183	236862	235636	3.36	cps
Iron	56-2	2754691	2745099	2745528	2748439	0.20	cps
Iron	57-2	68663	67720	68551	68312	0.75	cps
Lead	206-1	504526	498753	498642	500640	0.67	cps
Lead	207-1	452831	450932	451869	451877	0.21	cps
Lead	208-1	2042840	2020289	2030013	2031047	0.56	cps
Lithium	6-1	1002366	1003423	1007197	1004329	0.25	cps
Magnesium	24-2	284144	280569	284130	282948	0.73	cps
Manganese	55-2	45049	43979	44695	44574	1.22	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625359	626077	623366	624934	0.22	cps
Molybdenum	95-1	337073	337720	340225	338339	0.49	cps
Molybdenum	96-1	437438	437427	437571	437479	0.02	cps
Molybdenum	97-1	208817	209827	208838	209161	0.28	cps
Molybdenum	98-1	542269	545449	541740	543153	0.37	cps
Neodymium	150-1	53	33	87	58	46.64	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	51214	50609	50672	50831	0.65	cps
Phosphorus	31-2	917	1008	908	945	5.88	cps
Potassium	39-2	83598	84437	82525	83520	1.15	cps
Rhodium	103-1	4706664	4712552	4683173	4700796	0.33	cps
Rhodium	103-2	1294596	1222129	1273317	1263347	2.95	cps
Scandium	45-1	2917228	2891805	2912109	2907047	0.46	cps
Scandium	45-2	25386	23814	24568	24590	3.20	cps
Selenium	77-2	47	70	83	67	27.84	cps
Selenium	78-2	220	250	250	240	7.12	cps
Selenium	82-1	10836	10863	10989	10896	0.75	cps
Silicon	28-1	862726	872893	869480	868366	0.60	cps
Silver	109-1	813464	810793	811729	811995	0.17	cps
Silver	107-1	847858	851451	854444	851251	0.39	cps
Sodium	23-2	660402	661863	659673	660646	0.17	cps
Strontium	86-1	214925	216720	218465	216703	0.82	cps
Strontium	88-1	1911522	1922683	1934178	1922795	0.59	cps
Sulfur	34-1	397679	393770	394219	395223	0.54	cps
Terbium	159-1	6271373	6300807	6305187	6292456	0.29	cps
Terbium	159-2	1436003	1343370	1399054	1392809	3.35	cps
Thallium	203-1	608253	601505	602597	604118	0.60	cps
Thallium	205-1	1458673	1452319	1461633	1457542	0.33	cps
Tin	118-1	555892	556196	557910	556666	0.20	cps
Titanium	47-1	90937	90433	90467	90612	0.31	cps
Uranium	238-1	1993333	2006257	2005880	2001824	0.37	cps
Vanadium	51-2	58094	58508	58143	58248	0.39	cps
Yttrium	89-1	5289112	5276173	5273855	5279713	0.16	cps
Yttrium	89-2	175680	164180	173098	170986	3.53	cps
Zinc	66-2	26305	26352	26218	26292	0.26	cps
Zirconium	90-1	1208627	1212354	1208717	1209899	0.18	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:18:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	265834	265853	271008	267565	1.11	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:22:06 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23487	23128	23454	23356	0.85	cps
Antimony	121-1	1647609	1687242	1644999	1659950	1.43	cps
Arsenic	75-2	19460	19701	19495	19552	0.67	cps
Barium	135-1	1743096	1754336	1729057	1742163	0.73	cps
Barium	137-1	2964220	3022985	3002370	2996525	0.99	cps
Beryllium	9-1	231948	227340	232217	230501	1.19	cps
Bismuth	209-1	4093649	4013928	4064878	4057485	0.99	cps
Bismuth	209-2	1179291	1165960	1162837	1169363	0.75	cps
Boron	10-1	24522	24714	25465	24900	2.00	cps
Boron	11-1	118217	116780	120059	118352	1.39	cps
Cadmium	111-1	348474	346195	347298	347323	0.33	cps
Cadmium	106-1	36467	36584	35306	36119	1.96	cps
Cadmium	108-1	24260	24180	23855	24098	0.89	cps
Calcium	43-1	354508	349450	347527	350495	1.03	cps
Calcium	44-1	5739402	5727445	5721062	5729303	0.16	cps
Chromium	52-2	154356	154114	155364	154612	0.43	cps
Cobalt	59-2	336696	333193	332254	334048	0.70	cps
Copper	63-2	588094	585547	590134	587925	0.39	cps
Dysprosium	156-1	33	75	17	42	72.11	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	6163194	6178758	6132626	6158193	0.38	cps
Holmium	165-2	1438215	1422957	1421916	1427696	0.64	cps
Indium	115-1	5040419	5090166	5017704	5049430	0.73	cps
Indium	115-2	233509	229052	231050	231204	0.97	cps
Iron	56-2	5364602	5321271	5338068	5341314	0.41	cps
Iron	57-2	133829	134245	132698	133591	0.60	cps
Lead	206-1	1006617	1016803	1005918	1009780	0.60	cps
Lead	207-1	912044	918814	919991	916949	0.47	cps
Lead	208-1	4162209	4162082	4184228	4169506	0.31	cps
Lithium	6-1	1035218	1020057	998123	1017799	1.83	cps
Magnesium	24-2	558926	550024	558154	555701	0.89	cps
Manganese	55-2	86506	86750	86905	86720	0.23	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:22:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1252884	1254058	1255999	1254314	0.13	cps
Molybdenum	95-1	680032	676620	670852	675835	0.69	cps
Molybdenum	96-1	882804	864219	868289	871771	1.12	cps
Molybdenum	97-1	421212	420721	424799	422244	0.53	cps
Molybdenum	98-1	1091435	1085453	1080521	1085803	0.50	cps
Neodymium	150-1	67	60	80	69	14.78	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	99166	98327	99764	99086	0.73	cps
Phosphorus	31-2	1942	1483	1734	1720	13.35	cps
Potassium	39-2	161481	158922	160371	160258	0.80	cps
Rhodium	103-1	4651618	4623354	4653584	4642852	0.36	cps
Rhodium	103-2	1259983	1248588	1259241	1255938	0.51	cps
Scandium	45-1	2933496	2870822	2896254	2900190	1.09	cps
Scandium	45-2	24595	24659	24912	24722	0.68	cps
Selenium	77-2	107	133	130	123	11.78	cps
Selenium	78-2	469	385	461	438	10.52	cps
Selenium	82-1	22003	21666	22008	21892	0.89	cps
Silicon	28-1	1096827	1081018	1087024	1088289	0.73	cps
Silver	109-1	1641097	1643066	1637489	1640551	0.17	cps
Silver	107-1	1720590	1717729	1713549	1717290	0.21	cps
Sodium	23-2	1320041	1318049	1315863	1317984	0.16	cps
Strontium	86-1	428227	429019	426578	427941	0.29	cps
Strontium	88-1	3768488	3780841	3740736	3763355	0.55	cps
Sulfur	34-1	443090	440006	439927	441007	0.41	cps
Terbium	159-1	6447345	6367804	6350524	6388558	0.81	cps
Terbium	159-2	1405391	1392530	1394866	1397596	0.49	cps
Thallium	203-1	1236640	1250817	1244464	1243974	0.57	cps
Thallium	205-1	3028160	3042850	3003643	3024884	0.65	cps
Tin	118-1	1111570	1119250	1119491	1116770	0.40	cps
Titanium	47-1	184417	180668	179951	181679	1.32	cps
Uranium	238-1	4070351	4072957	4095684	4079664	0.34	cps
Vanadium	51-2	114506	113993	114705	114401	0.32	cps
Yttrium	89-1	5363808	5279853	5280320	5307994	0.91	cps
Yttrium	89-2	169801	168623	170283	169569	0.50	cps
Zinc	66-2	50843	50954	51806	51201	1.03	cps
Zirconium	90-1	2473453	2446743	2461518	2460572	0.54	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:22:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	540480	530909	531852	534414	0.99	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:25:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45248	45357	42373	44326	3.82	cps
Antimony	121-1	3323290	3343543	3336621	3334485	0.31	cps
Arsenic	75-2	37131	36689	36927	36916	0.60	cps
Barium	135-1	3492582	3474915	3514366	3493955	0.57	cps
Barium	137-1	5986584	5982863	5985803	5985083	0.03	cps
Beryllium	9-1	457346	452492	454242	454694	0.54	cps
Bismuth	209-1	4161413	4129721	4170081	4153738	0.51	cps
Bismuth	209-2	1113817	1130097	1121615	1121843	0.73	cps
Boron	10-1	50306	51770	50774	50950	1.47	cps
Boron	11-1	237289	242849	244099	241412	1.50	cps
Cadmium	111-1	690627	692655	688526	690603	0.30	cps
Cadmium	106-1	71264	70644	70828	70912	0.45	cps
Cadmium	108-1	48374	47647	46409	47477	2.09	cps
Calcium	43-1	690977	694013	691380	692123	0.24	cps
Calcium	44-1	11283155	11411612	11422571	11372446	0.68	cps
Chromium	52-2	295940	292095	290911	292982	0.90	cps
Cobalt	59-2	637755	634206	628766	633576	0.71	cps
Copper	63-2	1130514	1119227	1124635	1124792	0.50	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	83	42	58	61	34.32	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	6378388	6333801	6323860	6345350	0.46	cps
Holmium	165-2	1368546	1379315	1376607	1374823	0.41	cps
Indium	115-1	5064608	5051402	5049065	5055025	0.17	cps
Indium	115-2	214759	213555	215630	214648	0.49	cps
Iron	56-2	10117673	10104299	10006047	10076007	0.60	cps
Iron	57-2	256381	255559	250553	254164	1.24	cps
Lead	206-1	2110191	2099965	2116967	2109041	0.41	cps
Lead	207-1	1917946	1909249	1936887	1921360	0.74	cps
Lead	208-1	8605186	8623897	8691596	8640226	0.53	cps
Lithium	6-1	1060079	1047130	1049853	1052354	0.65	cps
Magnesium	24-2	1058187	1046430	1048355	1050991	0.60	cps
Manganese	55-2	166971	163753	163012	164579	1.28	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:25:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2564181	2510547	2530418	2535049	1.07	cps
Molybdenum	95-1	1343363	1361515	1361324	1355400	0.77	cps
Molybdenum	96-1	1767647	1770714	1759997	1766119	0.31	cps
Molybdenum	97-1	838364	831868	842788	837673	0.66	cps
Molybdenum	98-1	2244473	2233106	2216254	2231277	0.64	cps
Neodymium	150-1	180	120	140	147	20.83	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	190342	187619	186804	188255	0.98	cps
Phosphorus	31-2	3309	3017	3050	3125	5.11	cps
Potassium	39-2	304029	294250	294315	297531	1.89	cps
Rhodium	103-1	4617592	4640536	4648716	4635615	0.35	cps
Rhodium	103-2	1197373	1213754	1211130	1207419	0.73	cps
Scandium	45-1	2941046	2883413	2915613	2913357	0.99	cps
Scandium	45-2	23513	23426	23269	23403	0.53	cps
Selenium	77-2	200	283	263	249	17.48	cps
Selenium	78-2	878	826	861	855	3.10	cps
Selenium	82-1	42597	43435	43129	43054	0.99	cps
Silicon	28-1	1691956	1677075	1682703	1683911	0.45	cps
Silver	109-1	3265018	3299311	3255163	3273164	0.71	cps
Silver	107-1	3418890	3395781	3391098	3401923	0.44	cps
Sodium	23-2	2514086	2463593	2447949	2475209	1.40	cps
Strontium	86-1	853174	851678	858000	854284	0.39	cps
Strontium	88-1	7382102	7372995	7427062	7394053	0.39	cps
Sulfur	34-1	519088	516007	516713	517269	0.31	cps
Terbium	159-1	6582002	6602047	6536253	6573434	0.51	cps
Terbium	159-2	1326565	1350445	1336576	1337862	0.90	cps
Thallium	203-1	2613494	2589191	2601923	2601536	0.47	cps
Thallium	205-1	6128865	6098608	6243872	6157115	1.24	cps
Tin	118-1	2284314	2268367	2262367	2271683	0.50	cps
Titanium	47-1	357942	356691	359265	357966	0.36	cps
Uranium	238-1	8350548	8401249	8249842	8333880	0.92	cps
Vanadium	51-2	218617	217150	215111	216959	0.81	cps
Yttrium	89-1	5313859	5290306	5314495	5306220	0.26	cps
Yttrium	89-2	158622	160200	159367	159396	0.50	cps
Zinc	66-2	99017	98537	98718	98757	0.25	cps
Zirconium	90-1	4869266	4901511	4813181	4861319	0.92	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:25:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1071313	1058636	1060454	1063468	0.64	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:28:46 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81089	83731	81609	82143	1.70	cps
Antimony	121-1	6654696	6620684	6715083	6663487	0.72	cps
Arsenic	75-2	71080	70529	70718	70776	0.40	cps
Barium	135-1	6990317	7036840	6990679	7005945	0.38	cps
Barium	137-1	12034894	12077963	12074509	12062456	0.20	cps
Beryllium	9-1	882129	884126	884337	883530	0.14	cps
Bismuth	209-1	4300182	4242867	4293046	4278698	0.73	cps
Bismuth	209-2	1099181	1102346	1104738	1102088	0.25	cps
Boron	10-1	101516	101727	104134	102459	1.42	cps
Boron	11-1	476457	483669	491555	483894	1.56	cps
Cadmium	111-1	1376639	1376689	1385638	1379656	0.38	cps
Cadmium	106-1	142395	140738	141907	141680	0.60	cps
Cadmium	108-1	97667	95728	97537	96978	1.12	cps
Calcium	43-1	1397993	1391028	1368974	1385998	1.09	cps
Calcium	44-1	22547351	22757710	22647765	22650942	0.46	cps
Chromium	52-2	564089	567177	560981	564082	0.55	cps
Cobalt	59-2	1217147	1212890	1218428	1216155	0.24	cps
Copper	63-2	2187191	2192883	2176928	2185667	0.37	cps
Dysprosium	156-1	100	117	92	103	12.39	cps
Dysprosium	156-2	30	20	20	23	24.74	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	142	117	125	128	9.96	cps
Gadolinium	160-2	7	37	37	27	64.94	cps
Holmium	165-1	6507751	6386761	6581272	6491928	1.51	cps
Holmium	165-2	1351738	1369889	1361895	1361174	0.67	cps
Indium	115-1	4954220	4878045	5046755	4959673	1.70	cps
Indium	115-2	205745	206569	205320	205878	0.31	cps
Iron	56-2	19489234	19497850	19382023	19456369	0.33	cps
Iron	57-2	488503	489314	489235	489018	0.09	cps
Lead	206-1	4364391	4365566	4375838	4368599	0.14	cps
Lead	207-1	4009657	3999259	3988168	3999028	0.27	cps
Lead	208-1	17664944	17729130	17734418	17709497	0.22	cps
Lithium	6-1	1050603	1052310	1063458	1055457	0.66	cps
Magnesium	24-2	2027035	2036236	2014485	2025919	0.54	cps
Manganese	55-2	314296	316264	315973	315511	0.34	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:28:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5093938	5112351	5083536	5096609	0.29	cps
Molybdenum	95-1	2788185	2770549	2718825	2759186	1.31	cps
Molybdenum	96-1	3566508	3573406	3560533	3566815	0.18	cps
Molybdenum	97-1	1700690	1721403	1707701	1709931	0.62	cps
Molybdenum	98-1	4457249	4506860	4461223	4475111	0.62	cps
Neodymium	150-1	327	367	387	360	8.49	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	361637	359927	361406	360990	0.26	cps
Phosphorus	31-2	5676	5826	6052	5851	3.23	cps
Potassium	39-2	558199	549382	551278	552953	0.84	cps
Rhodium	103-1	4647654	4538194	4558362	4581403	1.27	cps
Rhodium	103-2	1176202	1194749	1179992	1183648	0.83	cps
Scandium	45-1	2875065	2877968	2875674	2876236	0.05	cps
Scandium	45-2	22525	22562	22178	22421	0.95	cps
Selenium	77-2	527	543	423	498	13.06	cps
Selenium	78-2	1667	1646	1543	1619	4.11	cps
Selenium	82-1	86043	86553	86646	86414	0.38	cps
Silicon	28-1	2675202	2675824	2673570	2674865	0.04	cps
Silver	109-1	6393161	6446881	6431961	6424001	0.43	cps
Silver	107-1	6709375	6763835	6714669	6729293	0.45	cps
Sodium	23-2	4614296	4563263	4614141	4597233	0.64	cps
Strontium	86-1	1732124	1755614	1750911	1746216	0.71	cps
Strontium	88-1	15045556	14984804	15035032	15021797	0.22	cps
Sulfur	34-1	703775	703308	700085	702390	0.29	cps
Terbium	159-1	6683442	6637963	6830294	6717233	1.50	cps
Terbium	159-2	1330747	1328913	1316041	1325234	0.60	cps
Thallium	203-1	5276279	5258139	5288930	5274449	0.29	cps
Thallium	205-1	12601685	12540750	12604766	12582400	0.29	cps
Tin	118-1	4558645	4501864	4536020	4532176	0.63	cps
Titanium	47-1	710062	714909	712097	712356	0.34	cps
Uranium	238-1	17572771	17623460	17787477	17661236	0.64	cps
Vanadium	51-2	415833	417485	413193	415504	0.52	cps
Yttrium	89-1	5346940	5273428	5328460	5316276	0.72	cps
Yttrium	89-2	156272	155763	154401	155479	0.62	cps
Zinc	66-2	190397	189826	189384	189869	0.27	cps
Zirconium	90-1	9764747	9810872	9807662	9794427	0.26	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:28:46	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2165726	2203097	2173723	2180849	0.90	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447618	441639	442892	444050	0.71	cps
Antimony	121-1	7736	8428	7519	7894	6.01	cps
Arsenic	75-2	31	11	37	27	51.43	cps
Barium	135-1	2075	1675	2075	1942	11.89	cps
Barium	137-1	3384	3542	3251	3392	4.31	cps
Beryllium	9-1	261	178	211	217	19.36	cps
Bismuth	209-1	4077465	4045761	4049977	4057734	0.42	cps
Bismuth	209-2	1066138	1067954	1063626	1065906	0.20	cps
Boron	10-1	4768	4718	4151	4545	7.54	cps
Boron	11-1	22302	21584	20040	21308	5.42	cps
Cadmium	111-1	963	818	941	907	8.56	cps
Cadmium	106-1	1142	975	1125	1081	8.50	cps
Cadmium	108-1	17	8	38	21	72.12	cps
Calcium	43-1	7041029	7027014	7106254	7058099	0.60	cps
Calcium	44-1	116429078	117375598	117035903	116946860	0.41	cps
Chromium	52-2	8259	8132	8253	8215	0.87	cps
Cobalt	59-2	1660	1593	1520	1591	4.40	cps
Copper	63-2	3430	3340	3330	3367	1.64	cps
Dysprosium	156-1	67	42	58	56	22.91	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	10	20	0	10	100.00	cps
Holmium	165-1	6453016	6412375	6390564	6418652	0.49	cps
Holmium	165-2	1389633	1383840	1385397	1386290	0.22	cps
Indium	115-1	4977545	4934440	4970155	4960713	0.46	cps
Indium	115-2	214916	213571	213893	214127	0.33	cps
Iron	56-2	99724058	99126833	98941661	99264184	0.41	cps
Iron	57-2	2545875	2513885	2501199	2520319	0.91	cps
Lead	206-1	6619	6196	6046	6287	4.72	cps
Lead	207-1	5235	5246	5235	5238	0.12	cps
Lead	208-1	25199	24632	23509	24447	3.52	cps
Lithium	6-1	1042165	1037961	1048557	1042894	0.51	cps
Magnesium	24-2	10443387	10394600	10501147	10446378	0.51	cps
Manganese	55-2	1010	1003	1020	1011	0.83	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4017	3901	3951	3956	1.48	cps
Molybdenum	95-1	6193	6393	5902	6163	4.01	cps
Molybdenum	96-1	8370	8286	8195	8283	1.06	cps
Molybdenum	97-1	3859	3659	3701	3740	2.82	cps
Molybdenum	98-1	10204	9937	9404	9848	4.14	cps
Neodymium	150-1	80	107	100	96	14.52	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	3904	3747	4007	3886	3.37	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2963775	2938112	2901052	2934313	1.07	cps
Rhodium	103-1	4452677	4435884	4466514	4451692	0.34	cps
Rhodium	103-2	1165508	1164892	1156430	1162277	0.44	cps
Scandium	45-1	2956497	2953835	2927870	2946067	0.54	cps
Scandium	45-2	22912	24058	23400	23457	2.45	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	55	52	93	66	34.59	cps
Silicon	28-1	586952	602381	600231	596522	1.40	cps
Silver	109-1	492	517	533	514	4.08	cps
Silver	107-1	692	608	583	628	9.04	cps
Sodium	23-2	24048751	23871895	24104447	24008364	0.51	cps
Strontium	86-1	61155	59832	60518	60502	1.09	cps
Strontium	88-1	530930	525265	526011	527402	0.58	cps
Sulfur	34-1	308788	312695	310663	310715	0.63	cps
Terbium	159-1	6707552	6594047	6642463	6648020	0.86	cps
Terbium	159-2	1347884	1342487	1342975	1344449	0.22	cps
Thallium	203-1	2309	2192	2167	2223	3.40	cps
Thallium	205-1	5710	5293	4901	5301	7.63	cps
Tin	118-1	4384	4684	4584	4551	3.36	cps
Titanium	47-1	442	542	500	494	10.16	cps
Uranium	238-1	700	783	883	789	11.64	cps
Vanadium	51-2	143	143	130	139	5.55	cps
Yttrium	89-1	5389489	5314973	5383064	5362509	0.77	cps
Yttrium	89-2	162949	161222	161141	161771	0.63	cps
Zinc	66-2	750	847	803	800	6.05	cps
Zirconium	90-1	1133	1367	1158	1220	10.51	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:31:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	333	267	300	11.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909	2009	1942	1953	2.61	cps
Antimony	121-1	1251878	1252112	1264611	1256200	0.58	cps
Arsenic	75-2	14804	14352	14387	14515	1.73	cps
Barium	135-1	134190	136658	134603	135151	0.98	cps
Barium	137-1	232232	233149	233548	232976	0.29	cps
Beryllium	9-1	88219	90561	90455	89745	1.47	cps
Bismuth	209-1	4363695	4334735	3963547	4220659	5.29	cps
Bismuth	209-2	1161591	1148846	1152920	1154452	0.56	cps
Boron	10-1	57324	58562	57123	57669	1.35	cps
Boron	11-1	268270	273079	274008	271786	1.13	cps
Cadmium	111-1	139590	141400	139604	140198	0.74	cps
Cadmium	106-1	21910	21718	21685	21771	0.56	cps
Cadmium	108-1	11905	12164	12448	12172	2.23	cps
Calcium	43-1	30050	30960	29991	30334	1.79	cps
Calcium	44-1	480197	478494	480952	479881	0.26	cps
Chromium	52-2	58060	56795	57642	57499	1.12	cps
Cobalt	59-2	127540	125953	126030	126508	0.71	cps
Copper	63-2	112091	111682	111889	111887	0.18	cps
Dysprosium	156-1	92	75	25	64	54.31	cps
Dysprosium	156-2	13	10	27	17	52.93	cps
Erbium	164-1	25	83	50	53	55.46	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	142	133	83	119	26.41	cps
Gadolinium	160-2	33	37	13	28	45.44	cps
Holmium	165-1	6481118	6538308	5844635	6288020	6.12	cps
Holmium	165-2	1400779	1385528	1384205	1390171	0.66	cps
Indium	115-1	5144530	5169878	4730040	5014816	4.92	cps
Indium	115-2	225023	222343	222304	223223	0.70	cps
Iron	56-2	403034	402745	402457	402745	0.07	cps
Iron	57-2	9932	9876	9976	9928	0.51	cps
Lead	206-1	826110	834329	837085	832508	0.69	cps
Lead	207-1	726892	722816	724866	724858	0.28	cps
Lead	208-1	3383881	3354228	3397216	3378442	0.65	cps
Lithium	6-1	1085253	1086380	1015915	1062516	3.80	cps
Magnesium	24-2	25482	24055	25607	25048	3.44	cps
Manganese	55-2	16443	15903	16450	16265	1.93	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2465984	2476055	2457186	2466408	0.38	cps
Molybdenum	95-1	1297532	1324087	1318589	1313403	1.07	cps
Molybdenum	96-1	1721628	1735286	1740715	1732543	0.57	cps
Molybdenum	97-1	816238	820651	819121	818670	0.27	cps
Molybdenum	98-1	2163314	2204211	2189495	2185673	0.95	cps
Neodymium	150-1	67	120	87	91	29.57	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	37748	37838	37865	37817	0.16	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	25140	26267	25374	25593	2.32	cps
Rhodium	103-1	4817343	4813905	4359010	4663419	5.65	cps
Rhodium	103-2	1278531	1254476	1260350	1264452	0.99	cps
Scandium	45-1	2967208	2968986	2726492	2887562	4.83	cps
Scandium	45-2	24144	23680	24124	23983	1.09	cps
Selenium	77-2	87	117	123	109	17.94	cps
Selenium	78-2	335	302	350	329	7.50	cps
Selenium	82-1	17082	17034	17064	17060	0.14	cps
Silicon	28-1	1512539	1515316	1510504	1512786	0.16	cps
Silver	109-1	628043	633890	634474	632136	0.56	cps
Silver	107-1	658392	659534	666245	661390	0.64	cps
Sodium	23-2	102232	101561	100076	101290	1.09	cps
Strontium	86-1	832216	830435	850219	837623	1.31	cps
Strontium	88-1	7246356	7316979	7428218	7330518	1.25	cps
Sulfur	34-1	313828	307655	313088	311524	1.08	cps
Terbium	159-1	6712832	6629681	5967998	6436837	6.34	cps
Terbium	159-2	1360730	1352952	1361451	1358378	0.35	cps
Thallium	203-1	1032533	1035566	1041325	1036475	0.43	cps
Thallium	205-1	2577410	2546778	2561947	2562045	0.60	cps
Tin	118-1	2219291	2241230	2222648	2227723	0.53	cps
Titanium	47-1	356943	350770	354352	354022	0.88	cps
Uranium	238-1	8792923	8848290	8854641	8831951	0.38	cps
Vanadium	51-2	42267	41752	41752	41924	0.71	cps
Yttrium	89-1	5440085	5408397	4943852	5264111	5.28	cps
Yttrium	89-2	164268	162976	163684	163642	0.40	cps
Zinc	66-2	20035	20105	20145	20095	0.28	cps
Zirconium	90-1	4749051	4765859	4741727	4752212	0.26	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:49:41	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1030455	1030403	1036238	1032365	0.32	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:52:49 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	0	11	86.60	cps
Antimony	121-1	925	833	933	897	6.18	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	67	25	50	47	44.41	cps
Beryllium	9-1	67	128	89	94	32.75	cps
Bismuth	209-1	4281137	4279237	4299482	4286618	0.26	cps
Bismuth	209-2	1149067	1146067	1145421	1146852	0.17	cps
Boron	10-1	1433	1408	1300	1381	5.13	cps
Boron	11-1	6785	6452	6210	6482	4.46	cps
Cadmium	111-1	667	547	685	633	11.87	cps
Cadmium	106-1	942	750	942	878	12.61	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	1458	1333	1300	1364	6.12	cps
Calcium	44-1	13907	14091	14083	14027	0.74	cps
Chromium	52-2	577	517	603	566	7.85	cps
Cobalt	59-2	53	67	63	61	11.36	cps
Copper	63-2	87	97	110	98	11.97	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6314369	6333352	6296087	6314603	0.30	cps
Holmium	165-2	1391010	1377680	1374258	1380982	0.64	cps
Indium	115-1	5140704	5158561	5211576	5170280	0.71	cps
Indium	115-2	227837	223723	223887	225149	1.03	cps
Iron	56-2	1000	1006	922	976	4.77	cps
Iron	57-2	33	22	50	35	39.74	cps
Lead	206-1	494	439	461	465	6.02	cps
Lead	207-1	444	356	367	389	12.45	cps
Lead	208-1	1772	1600	1845	1739	7.22	cps
Lithium	6-1	1080470	1076472	1075989	1077644	0.23	cps
Magnesium	24-2	92	133	83	103	26.06	cps
Manganese	55-2	17	17	10	14	26.66	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:52:49	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	250	342	272	22.57	cps
Molybdenum	95-1	300	175	292	256	27.35	cps
Molybdenum	96-1	242	267	208	239	12.25	cps
Molybdenum	97-1	142	125	108	125	13.33	cps
Molybdenum	98-1	225	333	167	242	35.00	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	73	67	63	18.98	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2342	2000	2142	2161	7.94	cps
Rhodium	103-1	4734507	4760773	4868025	4787769	1.48	cps
Rhodium	103-2	1264008	1262411	1252488	1259636	0.50	cps
Scandium	45-1	2922201	2956626	2924366	2934398	0.66	cps
Scandium	45-2	23847	23774	23487	23702	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-26	15	-31	-14	-176.22	cps
Silicon	28-1	368073	391156	364598	374609	3.85	cps
Silver	109-1	33	33	75	47	50.94	cps
Silver	107-1	75	100	108	94	18.37	cps
Sodium	23-2	4434	4501	4893	4609	5.37	cps
Strontium	86-1	383	458	325	389	17.19	cps
Strontium	88-1	117	117	150	128	15.06	cps
Sulfur	34-1	307449	304780	305521	305917	0.45	cps
Terbium	159-1	6563822	6556070	6548384	6556092	0.12	cps
Terbium	159-2	1356730	1353011	1342551	1350764	0.54	cps
Thallium	203-1	475	542	475	497	7.74	cps
Thallium	205-1	1025	983	975	995	2.69	cps
Tin	118-1	758	733	875	789	9.58	cps
Titanium	47-1	133	125	167	142	15.56	cps
Uranium	238-1	92	92	133	106	22.79	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	5342593	5416085	5395686	5384788	0.70	cps
Yttrium	89-2	165159	162966	162476	163533	0.87	cps
Zinc	66-2	33	27	40	33	20.00	cps
Zirconium	90-1	492	492	358	447	17.21	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:52:49	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	67	125	100	30.05	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 11:56:00 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379849	389336	387630	385605	1.31	cps
Antimony	121-1	7019	7844	7577	7480	5.63	cps
Arsenic	75-2	13	19	20	17	22.31	cps
Barium	135-1	1842	2384	1992	2072	13.50	cps
Barium	137-1	3767	3509	3551	3609	3.84	cps
Beryllium	9-1	283	239	206	243	16.08	cps
Bismuth	209-1	4250241	4219333	4260987	4243520	0.51	cps
Bismuth	209-2	1075001	1098972	1088300	1087424	1.10	cps
Boron	10-1	1208	1258	1008	1158	11.42	cps
Boron	11-1	5426	5293	4868	5196	5.61	cps
Cadmium	111-1	1069	1099	1076	1081	1.43	cps
Cadmium	106-1	867	942	1083	964	11.42	cps
Cadmium	108-1	750	688	629	689	8.77	cps
Calcium	43-1	1360378	1375220	1367510	1367703	0.54	cps
Calcium	44-1	22095424	22031286	22219279	22115330	0.43	cps
Chromium	52-2	11778	12032	12212	12008	1.81	cps
Cobalt	59-2	1483	1587	1547	1539	3.39	cps
Copper	63-2	8773	8763	8830	8788	0.41	cps
Dysprosium	156-1	83	17	17	39	98.97	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	17	13	3	11	62.48	cps
Holmium	165-1	6521736	6490116	6465521	6492458	0.43	cps
Holmium	165-2	1344899	1373261	1371743	1363301	1.17	cps
Indium	115-1	5107180	5051252	5136211	5098214	0.85	cps
Indium	115-2	211186	214386	215844	213806	1.11	cps
Iron	56-2	38618643	39248218	38969976	38945612	0.81	cps
Iron	57-2	957434	974421	974634	968830	1.02	cps
Lead	206-1	22437	21869	21658	21988	1.83	cps
Lead	207-1	18253	18592	17412	18086	3.36	cps
Lead	208-1	85513	85363	82941	84606	1.71	cps
Lithium	6-1	1078364	1068774	1093722	1080287	1.16	cps
Magnesium	24-2	2012518	2044664	2035897	2031026	0.82	cps
Manganese	55-2	1253	1253	1357	1288	4.63	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:56:00	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2995146	3007658	2965107	2989304	0.73	cps
Molybdenum	95-1	5226272	5182283	5205069	5204541	0.42	cps
Molybdenum	96-1	5631297	5662997	5622355	5638883	0.38	cps
Molybdenum	97-1	3269113	3247665	3265173	3260651	0.35	cps
Molybdenum	98-1	8442885	8462687	8501518	8469030	0.35	cps
Neodymium	150-1	33	47	20	33	40.01	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	2024	2280	2114	2139	6.09	cps
Phosphorus	31-2	28046	29707	29382	29045	3.03	cps
Potassium	39-2	1095134	1113929	1131249	1113437	1.62	cps
Rhodium	103-1	4667696	4603555	4645867	4639039	0.70	cps
Rhodium	103-2	1197187	1210273	1213080	1206847	0.70	cps
Scandium	45-1	2891118	2909318	2918654	2906363	0.48	cps
Scandium	45-2	22395	22438	23136	22656	1.84	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	11	-47	-44	-27	-123.68	cps
Silicon	28-1	443403	441339	436087	440276	0.86	cps
Silver	109-1	475	500	675	550	19.81	cps
Silver	107-1	425	492	633	517	20.59	cps
Sodium	23-2	4632960	4680493	4630407	4647953	0.61	cps
Strontium	86-1	58242	58610	57263	58038	1.20	cps
Strontium	88-1	503293	496151	504300	501248	0.89	cps
Sulfur	34-1	1936137	1934773	1940297	1937069	0.15	cps
Terbium	159-1	6693264	6763947	6682607	6713273	0.66	cps
Terbium	159-2	1316415	1345746	1335920	1332694	1.12	cps
Thallium	203-1	817	825	900	847	5.42	cps
Thallium	205-1	2117	2075	2075	2089	1.15	cps
Tin	118-1	1183	1350	1150	1228	8.73	cps
Titanium	47-1	1412175	1384583	1397784	1398180	0.99	cps
Uranium	238-1	408	325	358	364	11.53	cps
Vanadium	51-2	70	67	80	72	9.61	cps
Yttrium	89-1	5419546	5320602	5397207	5379119	0.96	cps
Yttrium	89-2	156900	160284	159792	158992	1.15	cps
Zinc	66-2	1233	1253	1153	1213	4.36	cps
Zirconium	90-1	642	808	783	745	12.07	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:56:00	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	217	142	167	25.98	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397772	394735	394333	395613	0.48	cps
Antimony	121-1	141856	142502	142907	142422	0.37	cps
Arsenic	75-2	1502	1456	1500	1486	1.76	cps
Barium	135-1	30044	30895	31171	30703	1.91	cps
Barium	137-1	54254	54095	54153	54167	0.15	cps
Beryllium	9-1	18256	18496	18306	18353	0.69	cps
Bismuth	209-1	4249825	4246928	4128522	4208425	1.64	cps
Bismuth	209-2	1101017	1100434	1100812	1100755	0.03	cps
Boron	10-1	6460	6377	6435	6424	0.67	cps
Boron	11-1	30333	30667	30258	30419	0.72	cps
Cadmium	111-1	29351	29628	29189	29389	0.75	cps
Cadmium	106-1	4076	4676	3909	4220	9.56	cps
Cadmium	108-1	2975	2846	2855	2892	2.50	cps
Calcium	43-1	1369582	1372558	1389839	1377326	0.79	cps
Calcium	44-1	22225215	22426593	22636160	22429322	0.92	cps
Chromium	52-2	24228	24468	24101	24266	0.77	cps
Cobalt	59-2	28720	27778	28573	28357	1.79	cps
Copper	63-2	32498	31466	31289	31751	2.06	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6554354	6557412	6522383	6544716	0.30	cps
Holmium	165-2	1391678	1386936	1387137	1388584	0.19	cps
Indium	115-1	5201143	5213473	5109068	5174561	1.10	cps
Indium	115-2	218983	219639	219048	219223	0.16	cps
Iron	56-2	39642872	39233545	39797672	39558030	0.74	cps
Iron	57-2	993915	986994	988675	989861	0.36	cps
Lead	206-1	109434	109008	107697	108713	0.83	cps
Lead	207-1	90576	91517	89906	90666	0.89	cps
Lead	208-1	421588	421987	417432	420336	0.60	cps
Lithium	6-1	1081853	1080466	1064670	1075663	0.89	cps
Magnesium	24-2	2068588	2099264	2083215	2083689	0.74	cps
Manganese	55-2	4698	4821	4484	4668	3.65	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3276079	3278695	3265366	3273380	0.22	cps
Molybdenum	95-1	5415329	5405602	5400530	5407153	0.14	cps
Molybdenum	96-1	5846456	5925568	5898113	5890046	0.68	cps
Molybdenum	97-1	3366895	3349845	3331879	3349540	0.52	cps
Molybdenum	98-1	8710228	8668775	8787731	8722245	0.69	cps
Neodymium	150-1	33	40	33	36	10.82	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	9924	10037	10134	10032	1.05	cps
Phosphorus	31-2	30517	31369	29724	30537	2.69	cps
Potassium	39-2	1163852	1162878	1154218	1160316	0.46	cps
Rhodium	103-1	4709976	4660735	4677022	4682578	0.54	cps
Rhodium	103-2	1228628	1228563	1220367	1225852	0.39	cps
Scandium	45-1	2960139	2958069	2978511	2965573	0.38	cps
Scandium	45-2	23620	23036	23860	23505	1.80	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	26	28	37	30	19.68	cps
Selenium	82-1	1759	1879	1628	1755	7.14	cps
Silicon	28-1	606142	607186	607522	606950	0.12	cps
Silver	109-1	125448	128013	127408	126956	1.06	cps
Silver	107-1	130964	132134	131411	131503	0.45	cps
Sodium	23-2	4811503	4842214	4838314	4830677	0.35	cps
Strontium	86-1	147497	147675	149579	148250	0.78	cps
Strontium	88-1	1285051	1285455	1283764	1284757	0.07	cps
Sulfur	34-1	1974968	1975175	1959064	1969735	0.47	cps
Terbium	159-1	6811746	6690348	6714371	6738822	0.95	cps
Terbium	159-2	1350733	1346260	1346909	1347967	0.18	cps
Thallium	203-1	109175	108612	107863	108550	0.61	cps
Thallium	205-1	258069	254825	256818	256571	0.64	cps
Tin	118-1	232024	232465	234025	232838	0.45	cps
Titanium	47-1	1447052	1452954	1445371	1448459	0.27	cps
Uranium	238-1	871686	877230	865873	871596	0.65	cps
Vanadium	51-2	9170	8973	9096	9080	1.10	cps
Yttrium	89-1	5428478	5474190	5470540	5457736	0.47	cps
Yttrium	89-2	164649	163360	163374	163794	0.45	cps
Zinc	66-2	3260	3170	3254	3228	1.55	cps
Zirconium	90-1	508576	505583	509728	507962	0.42	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 11:59:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	110925	111883	111245	111351	0.44	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221967	223290	222864	222707	0.30	cps
Antimony	121-1	3424739	3410703	3397201	3410881	0.40	cps
Arsenic	75-2	37880	36877	36957	37238	1.50	cps
Barium	135-1	3601823	3616119	3624493	3614145	0.32	cps
Barium	137-1	6127156	6112956	6147343	6129152	0.28	cps
Beryllium	9-1	450361	457358	451106	452942	0.85	cps
Bismuth	209-1	4250490	4173750	4180304	4201515	1.01	cps
Bismuth	209-2	1096073	1085078	1091131	1090761	0.50	cps
Boron	10-1	50539	52229	52581	51783	2.11	cps
Boron	11-1	238730	242261	246353	242448	1.57	cps
Cadmium	111-1	686518	686423	690359	687767	0.33	cps
Cadmium	106-1	71901	70359	71440	71233	1.11	cps
Cadmium	108-1	48479	48274	48671	48475	0.41	cps
Calcium	43-1	3504622	3545879	3518914	3523138	0.59	cps
Calcium	44-1	57539966	58005347	57854249	57799854	0.41	cps
Chromium	52-2	304837	301114	302496	302816	0.62	cps
Cobalt	59-2	638975	636674	640621	638757	0.31	cps
Copper	63-2	1104844	1100175	1106509	1103842	0.30	cps
Dysprosium	156-1	58	58	58	58	0.00	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	33	67	17	39	65.46	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	13	23	13	17	34.65	cps
Holmium	165-1	6650892	6515500	6505943	6557445	1.24	cps
Holmium	165-2	1401425	1382109	1394061	1392532	0.70	cps
Indium	115-1	5179349	5080704	5064126	5108060	1.22	cps
Indium	115-2	217048	212829	215103	214994	0.98	cps
Iron	56-2	50048964	49472146	49433962	49651690	0.69	cps
Iron	57-2	1244327	1237954	1244701	1242328	0.31	cps
Lead	206-1	2155884	2158932	2151382	2155399	0.18	cps
Lead	207-1	1961560	1960374	1971326	1964420	0.31	cps
Lead	208-1	8814961	8796964	8802366	8804764	0.10	cps
Lithium	6-1	1083488	1089321	1102385	1091731	0.89	cps
Magnesium	24-2	5331633	5266741	5354072	5317482	0.85	cps
Manganese	55-2	168425	167609	168880	168304	0.38	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2616561	2653046	2641915	2637174	0.71	cps
Molybdenum	95-1	1413344	1432104	1420657	1422035	0.66	cps
Molybdenum	96-1	1835418	1846076	1836826	1839440	0.31	cps
Molybdenum	97-1	864606	863266	867139	865003	0.23	cps
Molybdenum	98-1	2317792	2289752	2282926	2296823	0.80	cps
Neodymium	150-1	193	100	173	156	31.59	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	186518	186929	188774	187407	0.64	cps
Phosphorus	31-2	3317	3017	3451	3262	6.81	cps
Potassium	39-2	1498318	1471805	1490808	1486977	0.92	cps
Rhodium	103-1	4707957	4603965	4580937	4630953	1.46	cps
Rhodium	103-2	1209043	1192223	1196709	1199325	0.73	cps
Scandium	45-1	3045497	2938125	2973443	2985688	1.83	cps
Scandium	45-2	24562	24328	24211	24367	0.73	cps
Selenium	77-2	270	253	280	268	5.03	cps
Selenium	78-2	904	754	833	830	9.04	cps
Selenium	82-1	44041	44218	43989	44083	0.27	cps
Silicon	28-1	1610970	1600201	1593531	1601567	0.55	cps
Silver	109-1	3205687	3243677	3248173	3232512	0.72	cps
Silver	107-1	3390530	3394100	3428736	3404455	0.62	cps
Sodium	23-2	12347308	12193046	12295216	12278523	0.64	cps
Strontium	86-1	904092	903249	901291	902877	0.16	cps
Strontium	88-1	8002621	7853899	7958304	7938275	0.96	cps
Sulfur	34-1	506422	509941	507481	507948	0.36	cps
Terbium	159-1	6862287	6663592	6660784	6728887	1.72	cps
Terbium	159-2	1353632	1348736	1347450	1349939	0.24	cps
Thallium	203-1	2652258	2656494	2655183	2654645	0.08	cps
Thallium	205-1	6319251	6235298	6259967	6271505	0.69	cps
Tin	118-1	2325444	2348328	2326842	2333538	0.55	cps
Titanium	47-1	369796	369118	367782	368899	0.28	cps
Uranium	238-1	8672471	8595379	8679618	8649156	0.54	cps
Vanadium	51-2	226034	222794	225417	224748	0.77	cps
Yttrium	89-1	5631976	5466562	5499434	5532657	1.58	cps
Yttrium	89-2	165256	163280	162085	163540	0.98	cps
Zinc	66-2	97241	97348	97345	97312	0.06	cps
Zirconium	90-1	5128732	5081508	5092684	5100975	0.48	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:02:13	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1111768	1107991	1113434	1111064	0.25	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	1442	1575	1875	1631	13.61	cps
Arsenic	75-2	4	6	0	3	91.69	cps
Barium	135-1	50	8	8	22	108.27	cps
Barium	137-1	67	50	67	61	15.75	cps
Beryllium	9-1	178	139	128	148	17.72	cps
Bismuth	209-1	4393594	4438952	4379927	4404157	0.70	cps
Bismuth	209-2	1147294	1148557	1144076	1146643	0.20	cps
Boron	10-1	1867	2067	1825	1920	6.73	cps
Boron	11-1	10129	9495	8536	9387	8.54	cps
Cadmium	111-1	733	764	785	761	3.45	cps
Cadmium	106-1	967	1025	1058	1017	4.56	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	1375	1283	1192	1283	7.14	cps
Calcium	44-1	14658	15384	14775	14939	2.61	cps
Chromium	52-2	640	610	563	604	6.39	cps
Cobalt	59-2	50	47	50	49	3.93	cps
Copper	63-2	123	200	207	177	26.21	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	67	33	25	42	52.92	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	6557215	6460754	6469072	6495680	0.82	cps
Holmium	165-2	1382528	1382001	1373801	1379444	0.35	cps
Indium	115-1	5313998	5307679	5275916	5299198	0.39	cps
Indium	115-2	223153	222674	223590	223139	0.21	cps
Iron	56-2	2250	2400	2473	2374	4.78	cps
Iron	57-2	94	72	100	89	16.54	cps
Lead	206-1	1045	1011	945	1000	5.09	cps
Lead	207-1	1017	878	945	946	7.34	cps
Lead	208-1	4378	4006	4162	4182	4.47	cps
Lithium	6-1	1098538	1097259	1103692	1099830	0.31	cps
Magnesium	24-2	133	75	117	108	27.73	cps
Manganese	55-2	13	7	13	11	34.61	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	483	467	333	428	19.22	cps
Molybdenum	95-1	375	392	292	353	15.19	cps
Molybdenum	96-1	558	458	517	511	9.83	cps
Molybdenum	97-1	283	258	200	247	17.30	cps
Molybdenum	98-1	458	525	692	558	21.53	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	73	50	67	21.80	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2200	2309	2692	2400	10.76	cps
Rhodium	103-1	4898466	4937781	4911431	4915892	0.41	cps
Rhodium	103-2	1278054	1278578	1268071	1274901	0.46	cps
Scandium	45-1	2976192	2975865	2960611	2970890	0.30	cps
Scandium	45-2	23410	23433	23446	23430	0.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	8	-3	-28	-8	-234.66	cps
Silicon	28-1	357102	393410	360180	370231	5.44	cps
Silver	109-1	267	192	217	225	16.97	cps
Silver	107-1	267	292	158	239	29.67	cps
Sodium	23-2	6960	7027	6718	6902	2.35	cps
Strontium	86-1	475	533	500	503	5.82	cps
Strontium	88-1	58	75	117	83	36.05	cps
Sulfur	34-1	302932	299214	301749	301298	0.63	cps
Terbium	159-1	6834772	6717526	6770235	6774178	0.87	cps
Terbium	159-2	1350934	1341673	1342722	1345109	0.38	cps
Thallium	203-1	958	867	675	833	17.35	cps
Thallium	205-1	2192	2125	2159	2159	1.55	cps
Tin	118-1	950	900	742	864	12.59	cps
Titanium	47-1	117	175	100	131	30.16	cps
Uranium	238-1	125	92	167	128	29.41	cps
Vanadium	51-2	20	7	0	9	114.55	cps
Yttrium	89-1	5534942	5502925	5453791	5497219	0.74	cps
Yttrium	89-2	164460	163023	163050	163511	0.50	cps
Zinc	66-2	57	33	30	40	36.33	cps
Zirconium	90-1	583	608	617	603	2.88	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:05:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	192	142	31.13	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	142	117	114	25.70	cps
Antimony	121-1	12798	13007	13224	13010	1.64	cps
Arsenic	75-2	65	69	76	70	8.11	cps
Barium	135-1	12448	13274	12565	12762	3.50	cps
Barium	137-1	22445	22578	21961	22328	1.46	cps
Beryllium	9-1	839	833	950	874	7.53	cps
Bismuth	209-1	4454886	4393154	4382028	4410023	0.89	cps
Bismuth	209-2	1149549	1139919	1149784	1146417	0.49	cps
Boron	10-1	3017	3176	3576	3256	8.84	cps
Boron	11-1	15217	15084	14883	15061	1.12	cps
Cadmium	111-1	1904	2008	1950	1954	2.66	cps
Cadmium	106-1	933	1050	1100	1028	8.32	cps
Cadmium	108-1	58	104	100	88	28.97	cps
Calcium	43-1	7686	8044	7386	7705	4.28	cps
Calcium	44-1	119834	118816	119968	119539	0.53	cps
Chromium	52-2	1640	1740	1907	1762	7.65	cps
Cobalt	59-2	1297	1397	1217	1303	6.92	cps
Copper	63-2	2294	2464	2344	2367	3.69	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	75	44	65.84	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	6497931	6592101	6407881	6499304	1.42	cps
Holmium	165-2	1389080	1379077	1382012	1383390	0.37	cps
Indium	115-1	5306731	5290253	5263186	5286723	0.42	cps
Indium	115-2	223548	221112	223224	222628	0.59	cps
Iron	56-2	20065	20076	20098	20080	0.08	cps
Iron	57-2	550	617	467	544	13.80	cps
Lead	206-1	5085	4773	4796	4884	3.55	cps
Lead	207-1	4379	4312	4423	4371	1.28	cps
Lead	208-1	19851	19506	19590	19649	0.92	cps
Lithium	6-1	1108098	1095059	1095215	1099457	0.68	cps
Magnesium	24-2	9762	9479	9829	9690	1.92	cps
Manganese	55-2	157	183	143	161	12.64	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10538	10488	10438	10488	0.48	cps
Molybdenum	95-1	13190	12806	12114	12704	4.29	cps
Molybdenum	96-1	14442	13958	14609	14336	2.36	cps
Molybdenum	97-1	7736	7786	8036	7853	2.05	cps
Molybdenum	98-1	19865	19940	20299	20035	1.16	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	450	380	483	438	12.05	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	7986	7686	7177	7616	5.37	cps
Rhodium	103-1	4901778	4862011	4900411	4888067	0.46	cps
Rhodium	103-2	1279735	1266383	1275334	1273818	0.53	cps
Scandium	45-1	2947754	2984635	2932130	2954839	0.91	cps
Scandium	45-2	23553	23410	22899	23287	1.48	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	483	353	415	417	15.54	cps
Silicon	28-1	392134	394331	395943	394136	0.49	cps
Silver	109-1	6418	6635	6285	6446	2.74	cps
Silver	107-1	6385	6835	6694	6638	3.47	cps
Sodium	23-2	28354	28154	28772	28427	1.11	cps
Strontium	86-1	2142	2225	1967	2111	6.25	cps
Strontium	88-1	14208	13849	14191	14083	1.44	cps
Sulfur	34-1	301775	301672	303602	302349	0.36	cps
Terbium	159-1	6862373	6814814	6733191	6803459	0.96	cps
Terbium	159-2	1357127	1339616	1341307	1346017	0.72	cps
Thallium	203-1	5652	5243	5802	5565	5.19	cps
Thallium	205-1	13224	12582	12941	12915	2.49	cps
Tin	118-1	21067	20784	21727	21193	2.28	cps
Titanium	47-1	3142	3592	3292	3342	6.86	cps
Uranium	238-1	15535	15685	15644	15622	0.50	cps
Vanadium	51-2	1977	1974	1853	1935	3.63	cps
Yttrium	89-1	5488742	5448957	5500697	5479465	0.49	cps
Yttrium	89-2	165323	162531	164032	163962	0.85	cps
Zinc	66-2	243	270	250	254	5.45	cps
Zirconium	90-1	9762	9587	9429	9593	1.74	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:08:26	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2117	2175	2317	2203	4.67	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	142	175	133	150	14.70	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	75	75	25	58	49.49	cps
Barium	137-1	75	17	25	39	81.13	cps
Beryllium	9-1	67	61	39	56	26.46	cps
Bismuth	209-1	4304279	4300396	4239293	4281323	0.85	cps
Bismuth	209-2	1160795	1153450	1168567	1160937	0.65	cps
Boron	10-1	275	342	350	322	12.76	cps
Boron	11-1	1550	1408	1784	1581	11.98	cps
Cadmium	111-1	588	590	493	557	9.96	cps
Cadmium	106-1	808	842	708	786	8.83	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	1317	1433	1517	1422	7.06	cps
Calcium	44-1	13732	13065	13832	13543	3.08	cps
Chromium	52-2	503	390	427	440	13.14	cps
Cobalt	59-2	43	77	43	54	35.36	cps
Copper	63-2	110	87	110	102	13.18	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	6335851	6320123	6346680	6334218	0.21	cps
Holmium	165-2	1393880	1395752	1407677	1399103	0.53	cps
Indium	115-1	5250663	5175376	5156884	5194308	0.96	cps
Indium	115-2	228651	228147	230549	229116	0.55	cps
Iron	56-2	1011	1045	1061	1039	2.45	cps
Iron	57-2	17	44	39	33	44.09	cps
Lead	206-1	2169699	2153482	2128981	2150721	0.95	cps
Lead	207-1	1966662	1944800	1967268	1959577	0.65	cps
Lead	208-1	8829725	8712119	8734979	8758941	0.71	cps
Lithium	6-1	1043646	1038633	1030389	1037556	0.65	cps
Magnesium	24-2	100	83	167	117	37.80	cps
Manganese	55-2	17	7	10	11	45.82	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	208	75	139	48.13	cps
Molybdenum	95-1	25	50	75	50	50.00	cps
Molybdenum	96-1	150	133	158	147	8.65	cps
Molybdenum	97-1	33	33	67	44	43.31	cps
Molybdenum	98-1	108	83	83	92	15.74	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50	70	87	69	26.65	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2242	2300	2200	2248	2.24	cps
Rhodium	103-1	4821108	4768659	4789563	4793110	0.55	cps
Rhodium	103-2	1277789	1274817	1278098	1276901	0.14	cps
Scandium	45-1	2917220	2926925	2948776	2930973	0.55	cps
Scandium	45-2	24131	23967	24585	24228	1.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	-43	-32	-53	-43	-24.68	cps
Silicon	28-1	364231	359747	362669	362216	0.63	cps
Silver	109-1	125	25	108	86	62.22	cps
Silver	107-1	75	83	92	83	10.00	cps
Sodium	23-2	5026	4943	4768	4912	2.68	cps
Strontium	86-1	467	442	375	428	11.08	cps
Strontium	88-1	125	117	150	131	13.29	cps
Sulfur	34-1	311240	312579	314998	312939	0.61	cps
Terbium	159-1	6561068	6613669	6557447	6577395	0.48	cps
Terbium	159-2	1368213	1359314	1360230	1362586	0.36	cps
Thallium	203-1	142	175	108	142	23.53	cps
Thallium	205-1	542	450	483	492	9.44	cps
Tin	118-1	500	417	433	450	9.80	cps
Titanium	47-1	150	150	133	144	6.66	cps
Uranium	238-1	17	25	58	33	66.14	cps
Vanadium	51-2	3	3	17	8	99.04	cps
Yttrium	89-1	5411609	5335571	5383293	5376824	0.71	cps
Yttrium	89-2	167439	166359	167394	167064	0.37	cps
Zinc	66-2	37	33	33	34	5.60	cps
Zirconium	90-1	425	442	408	425	3.92	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BS	Instrumnet Name :	P8
Client Sample ID :	PB103681BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:35:45	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	58	108	72	43.68	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	83	67	92	81	15.80	cps
Arsenic	75-2	7	4	2	4	65.54	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	33	8	42	28	62.46	cps
Beryllium	9-1	44	89	22	52	65.47	cps
Bismuth	209-1	4283191	4326186	4277788	4295722	0.62	cps
Bismuth	209-2	1171359	1160392	1168303	1166685	0.49	cps
Boron	10-1	300	450	292	347	25.66	cps
Boron	11-1	1533	1734	1634	1634	6.12	cps
Cadmium	111-1	658	731	630	673	7.78	cps
Cadmium	106-1	933	1017	892	947	6.72	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	1183	1584	1192	1320	17.32	cps
Calcium	44-1	13449	13490	13365	13435	0.47	cps
Chromium	52-2	587	603	607	599	1.79	cps
Cobalt	59-2	40	43	43	42	4.55	cps
Copper	63-2	60	87	120	89	33.82	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6383473	6426799	6353650	6387974	0.58	cps
Holmium	165-2	1416145	1400805	1401315	1406088	0.62	cps
Indium	115-1	5226650	5234061	5255702	5238804	0.29	cps
Indium	115-2	230637	226997	230502	229379	0.90	cps
Iron	56-2	995	950	1100	1015	7.59	cps
Iron	57-2	44	22	61	43	45.81	cps
Lead	206-1	489	406	494	463	10.76	cps
Lead	207-1	394	467	428	430	8.41	cps
Lead	208-1	1861	1872	1917	1883	1.56	cps
Lithium	6-1	1048917	1049436	1051308	1049887	0.12	cps
Magnesium	24-2	67	108	133	103	32.77	cps
Manganese	55-2	3	10	23	12	83.33	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	100	167	131	25.80	cps
Molybdenum	95-1	75	17	50	47	61.97	cps
Molybdenum	96-1	117	75	100	97	21.57	cps
Molybdenum	97-1	33	42	42	39	12.38	cps
Molybdenum	98-1	58	58	42	53	18.23	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	67	57	63	9.12	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2417	2300	2242	2320	3.84	cps
Rhodium	103-1	4835355	4854661	4884660	4858225	0.51	cps
Rhodium	103-2	1292899	1279607	1283400	1285302	0.53	cps
Scandium	45-1	2961694	2964734	2965395	2963941	0.07	cps
Scandium	45-2	24131	24108	24742	24327	1.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	15	45	14	25	71.65	cps
Silicon	28-1	363677	362120	360555	362117	0.43	cps
Silver	109-1	67	42	67	58	24.74	cps
Silver	107-1	92	75	75	81	11.95	cps
Sodium	23-2	4501	4801	4534	4612	3.57	cps
Strontium	86-1	458	417	467	447	5.99	cps
Strontium	88-1	83	83	75	81	5.98	cps
Sulfur	34-1	315065	318434	313353	315617	0.82	cps
Terbium	159-1	6613679	6614916	6619176	6615924	0.04	cps
Terbium	159-2	1376749	1367253	1366396	1370133	0.42	cps
Thallium	203-1	158	200	125	161	23.32	cps
Thallium	205-1	283	225	283	264	12.76	cps
Tin	118-1	533	367	508	469	19.15	cps
Titanium	47-1	100	117	117	111	8.66	cps
Uranium	238-1	42	8	42	31	62.99	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	5403483	5439986	5438583	5427351	0.38	cps
Yttrium	89-2	169011	167526	167647	168062	0.49	cps
Zinc	66-2	27	20	30	26	19.92	cps
Zirconium	90-1	308	367	317	331	9.55	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	PB103681BL	Instrumnet Name :	P8
Client Sample ID :	PB103681BL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:38:54	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	75	97	19.80	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-01 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-01-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:42:05 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	50	50	16.67	cps
Antimony	121-1	458	458	383	433	9.99	cps
Arsenic	75-2	30	41	41	37	17.32	cps
Barium	135-1	20266	21017	20208	20497	2.20	cps
Barium	137-1	35975	35390	34655	35340	1.87	cps
Beryllium	9-1	61	39	67	56	26.46	cps
Bismuth	209-1	4662204	4675265	4543821	4627097	1.56	cps
Bismuth	209-2	1169734	1239337	1242300	1217124	3.37	cps
Boron	10-1	825	658	675	719	12.76	cps
Boron	11-1	3276	3651	3759	3562	7.12	cps
Cadmium	111-1	645	764	665	692	9.19	cps
Cadmium	106-1	917	1117	942	992	10.99	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Calcium	43-1	91313	89661	90357	90444	0.92	cps
Calcium	44-1	1543566	1544407	1507694	1531889	1.37	cps
Chromium	52-2	550	510	470	510	7.84	cps
Cobalt	59-2	43	53	53	50	11.55	cps
Copper	63-2	254129	250953	249778	251620	0.89	cps
Dysprosium	156-1	42	33	17	31	41.65	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	67	33	86.59	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	7	23	7	12	78.69	cps
Holmium	165-1	6940593	6928515	6854413	6907840	0.68	cps
Holmium	165-2	1441093	1491243	1503779	1478705	2.24	cps
Indium	115-1	5661558	5569871	5633598	5621676	0.84	cps
Indium	115-2	230908	244217	244292	239806	3.21	cps
Iron	56-2	13018	12667	13068	12917	1.69	cps
Iron	57-2	439	272	239	317	33.84	cps
Lead	206-1	1467	1739	1578	1595	8.58	cps
Lead	207-1	1450	1506	1561	1506	3.69	cps
Lead	208-1	6490	6673	6568	6577	1.40	cps
Lithium	6-1	1121401	1147341	1119015	1129253	1.39	cps
Magnesium	24-2	28003	27052	26968	27341	2.10	cps
Manganese	55-2	2180	2157	2077	2138	2.54	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-01	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-01-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:42:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	433	417	436	4.81	cps
Molybdenum	95-1	217	133	133	161	29.86	cps
Molybdenum	96-1	233	300	217	250	17.64	cps
Molybdenum	97-1	67	133	133	111	34.64	cps
Molybdenum	98-1	250	233	233	239	4.03	cps
Neodymium	150-1	20	33	33	29	26.65	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	387	433	360	393	9.44	cps
Phosphorus	31-2	342	275	242	286	17.80	cps
Potassium	39-2	8978	8403	8795	8725	3.37	cps
Rhodium	103-1	5229601	5159477	5256897	5215325	0.96	cps
Rhodium	103-2	1283822	1356261	1354740	1331608	3.11	cps
Scandium	45-1	3231286	3220404	3208714	3220135	0.35	cps
Scandium	45-2	24458	25116	26051	25208	3.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-58	-41	-18	-39	-51.39	cps
Silicon	28-1	2842242	2825479	2831052	2832924	0.30	cps
Silver	109-1	100	150	108	119	22.43	cps
Silver	107-1	200	183	125	169	23.24	cps
Sodium	23-2	526847	518714	517742	521101	0.96	cps
Strontium	86-1	35589	36391	35656	35879	1.24	cps
Strontium	88-1	311047	309644	308486	309725	0.41	cps
Sulfur	34-1	340881	341733	339977	340864	0.26	cps
Terbium	159-1	7167950	7104942	7093147	7122013	0.56	cps
Terbium	159-2	1385113	1450978	1467647	1434579	3.04	cps
Thallium	203-1	200	150	192	181	14.84	cps
Thallium	205-1	425	425	400	417	3.47	cps
Tin	118-1	758	683	875	772	12.51	cps
Titanium	47-1	325	383	425	378	13.30	cps
Uranium	238-1	208	167	167	181	13.32	cps
Vanadium	51-2	33	57	47	46	25.70	cps
Yttrium	89-1	5906062	5863692	5841313	5870355	0.56	cps
Yttrium	89-2	167283	176685	178929	174299	3.54	cps
Zinc	66-2	5605	5291	5098	5331	4.80	cps
Zirconium	90-1	875	1008	958	947	7.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-01	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-01-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:42:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	192	183	194	6.55	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-02 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-02-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:45:14 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	33	50	33.34	cps
Antimony	121-1	475	350	492	439	17.64	cps
Arsenic	75-2	43	30	30	34	22.04	cps
Barium	135-1	20709	19624	20241	20191	2.70	cps
Barium	137-1	34563	33610	35340	34504	2.51	cps
Beryllium	9-1	67	72	33	57	36.63	cps
Bismuth	209-1	4614364	4571594	4323194	4503051	3.49	cps
Bismuth	209-2	1231493	1230879	1231191	1231188	0.02	cps
Boron	10-1	808	758	725	764	5.49	cps
Boron	11-1	3442	3751	3509	3567	4.55	cps
Cadmium	111-1	603	749	605	652	12.87	cps
Cadmium	106-1	842	1033	850	908	11.93	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	90499	88369	90617	89828	1.41	cps
Calcium	44-1	1520638	1500763	1521197	1514200	0.77	cps
Chromium	52-2	947	993	930	957	3.43	cps
Cobalt	59-2	33	47	37	39	17.85	cps
Copper	63-2	251347	245107	249659	248704	1.30	cps
Dysprosium	156-1	42	0	58	33	90.14	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	20	3	3	9	108.30	cps
Holmium	165-1	6927681	6821345	6360774	6703267	4.50	cps
Holmium	165-2	1488983	1482535	1490455	1487324	0.28	cps
Indium	115-1	5556808	5596211	5259827	5470949	3.36	cps
Indium	115-2	243041	244539	242692	243424	0.40	cps
Iron	56-2	16065	15370	19768	17068	13.85	cps
Iron	57-2	294	489	478	420	25.98	cps
Lead	206-1	1345	1267	1411	1341	5.39	cps
Lead	207-1	1056	1095	1172	1107	5.36	cps
Lead	208-1	4989	4834	5151	4991	3.17	cps
Lithium	6-1	1120126	1105646	1058708	1094827	2.93	cps
Magnesium	24-2	27043	26208	26592	26615	1.57	cps
Manganese	55-2	2277	2077	2094	2149	5.16	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-02 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-02-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:45:14 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	317	308	328	8.17	cps
Molybdenum	95-1	175	175	200	183	7.87	cps
Molybdenum	96-1	267	200	292	253	18.75	cps
Molybdenum	97-1	108	125	117	117	7.14	cps
Molybdenum	98-1	225	208	308	247	21.67	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	317	243	343	301	17.20	cps
Phosphorus	31-2	283	283	242	269	8.93	cps
Potassium	39-2	8278	7986	8520	8261	3.23	cps
Rhodium	103-1	5194039	5169182	4866522	5076581	3.59	cps
Rhodium	103-2	1355626	1355653	1349882	1353720	0.25	cps
Scandium	45-1	3181968	3179760	2990243	3117324	3.53	cps
Scandium	45-2	25724	25343	25253	25440	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	7	5	57.32	cps
Selenium	82-1	-22	-116	0	-46	-133.95	cps
Silicon	28-1	2852305	2791135	2861101	2834847	1.34	cps
Silver	109-1	150	150	125	142	10.19	cps
Silver	107-1	117	142	150	136	12.75	cps
Sodium	23-2	520625	524877	514481	519994	1.01	cps
Strontium	86-1	36049	35865	35731	35882	0.44	cps
Strontium	88-1	306520	303286	304552	304786	0.53	cps
Sulfur	34-1	338907	338782	340168	339286	0.23	cps
Terbium	159-1	7157012	7124803	6671939	6984584	3.88	cps
Terbium	159-2	1458166	1450953	1442889	1450669	0.53	cps
Thallium	203-1	167	200	183	183	9.09	cps
Thallium	205-1	450	433	375	419	9.39	cps
Tin	118-1	525	533	650	569	12.27	cps
Titanium	47-1	450	392	642	495	26.50	cps
Uranium	238-1	192	142	133	156	20.28	cps
Vanadium	51-2	63	10	40	38	70.77	cps
Yttrium	89-1	5791831	5816099	5439011	5682314	3.71	cps
Yttrium	89-2	176845	177611	176558	177005	0.31	cps
Zinc	66-2	1914	1830	1853	1866	2.30	cps
Zirconium	90-1	733	792	683	736	7.37	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-02	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-02-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:45:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	233	194	17.32	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-03 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-04-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:48:25 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	208	42	100	93.95	cps
Antimony	121-1	375	417	425	406	6.61	cps
Arsenic	75-2	48	22	28	33	41.73	cps
Barium	135-1	19957	20884	20191	20344	2.37	cps
Barium	137-1	35014	34871	35298	35061	0.62	cps
Beryllium	9-1	28	56	67	50	40.06	cps
Bismuth	209-1	4620550	4574492	4597171	4597404	0.50	cps
Bismuth	209-2	1214902	1225409	1230735	1223682	0.66	cps
Boron	10-1	567	792	650	669	16.99	cps
Boron	11-1	3109	3426	3384	3306	5.21	cps
Cadmium	111-1	654	720	640	671	6.35	cps
Cadmium	106-1	933	1017	908	953	5.95	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	89485	88311	88402	88733	0.74	cps
Calcium	44-1	1497643	1499414	1502020	1499693	0.15	cps
Chromium	52-2	467	433	540	480	11.37	cps
Cobalt	59-2	50	43	47	47	7.15	cps
Copper	63-2	226272	226281	224378	225644	0.49	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	75	50	50	50.00	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	6776683	6830344	6783303	6796776	0.43	cps
Holmium	165-2	1490409	1483411	1483549	1485790	0.27	cps
Indium	115-1	5600629	5607169	5460326	5556041	1.49	cps
Indium	115-2	240345	243172	241180	241566	0.60	cps
Iron	56-2	13502	13029	12762	13097	2.86	cps
Iron	57-2	344	283	356	328	11.86	cps
Lead	206-1	2150	2039	2222	2137	4.32	cps
Lead	207-1	1856	1850	1895	1867	1.30	cps
Lead	208-1	8885	8440	8874	8733	2.90	cps
Lithium	6-1	1105191	1089196	1108092	1100826	0.92	cps
Magnesium	24-2	27194	27085	26334	26871	1.74	cps
Manganese	55-2	2260	2310	2157	2242	3.49	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-03 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-04-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:48:25 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	442	358	408	10.80	cps
Molybdenum	95-1	100	142	133	125	17.63	cps
Molybdenum	96-1	250	200	225	225	11.11	cps
Molybdenum	97-1	133	125	142	133	6.25	cps
Molybdenum	98-1	167	267	208	214	23.48	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	680	757	727	721	5.36	cps
Phosphorus	31-2	283	175	250	236	23.50	cps
Potassium	39-2	8586	8636	8453	8559	1.11	cps
Rhodium	103-1	5106240	5186826	5024886	5105984	1.59	cps
Rhodium	103-2	1339141	1343565	1343992	1342233	0.20	cps
Scandium	45-1	3175577	3160315	3148479	3161457	0.43	cps
Scandium	45-2	25306	25520	25844	25557	1.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-35	2	-19	-18	-104.99	cps
Silicon	28-1	2817420	2752058	2809415	2792964	1.28	cps
Silver	109-1	92	133	92	106	22.79	cps
Silver	107-1	133	150	142	142	5.88	cps
Sodium	23-2	512705	510660	511617	511661	0.20	cps
Strontium	86-1	35263	35013	35121	35132	0.36	cps
Strontium	88-1	312019	308785	304711	308505	1.19	cps
Sulfur	34-1	331165	334447	333247	332953	0.50	cps
Terbium	159-1	7061708	7157586	7072191	7097161	0.74	cps
Terbium	159-2	1441227	1440214	1442823	1441421	0.09	cps
Thallium	203-1	117	142	142	133	10.83	cps
Thallium	205-1	350	342	367	353	3.61	cps
Tin	118-1	2042	2050	1992	2028	1.56	cps
Titanium	47-1	333	342	383	353	7.59	cps
Uranium	238-1	192	150	142	161	16.63	cps
Vanadium	51-2	37	27	27	30	19.24	cps
Yttrium	89-1	5705190	5807983	5713694	5742289	0.99	cps
Yttrium	89-2	174958	176169	173527	174885	0.76	cps
Zinc	66-2	16136	16453	15963	16184	1.54	cps
Zirconium	90-1	767	808	934	836	10.38	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-03	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-04-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:48:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	133	117	142	21.21	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-04 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-05-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:51:35 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	458	450	525	478	8.60	cps
Arsenic	75-2	46	33	35	38	18.32	cps
Barium	135-1	21009	20567	20391	20656	1.54	cps
Barium	137-1	35749	35866	36092	35902	0.49	cps
Beryllium	9-1	50	61	61	57	11.17	cps
Bismuth	209-1	4775456	4709794	4668984	4718078	1.14	cps
Bismuth	209-2	1173509	1251524	1255522	1226852	3.77	cps
Boron	10-1	625	642	800	689	14.02	cps
Boron	11-1	3351	3301	3342	3331	0.80	cps
Cadmium	111-1	728	628	680	679	7.40	cps
Cadmium	106-1	1008	875	967	950	7.18	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	92378	90860	90155	91131	1.25	cps
Calcium	44-1	1543986	1549002	1510863	1534617	1.35	cps
Chromium	52-2	447	390	493	443	11.67	cps
Cobalt	59-2	50	23	33	36	37.90	cps
Copper	63-2	225807	222003	222948	223586	0.89	cps
Dysprosium	156-1	50	8	8	22	108.28	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	7088764	7027683	6921128	7012525	1.21	cps
Holmium	165-2	1421325	1517549	1518644	1485839	3.76	cps
Indium	115-1	5745077	5773400	5676698	5731725	0.87	cps
Indium	115-2	231426	243864	247863	241051	3.56	cps
Iron	56-2	14413	23275	14508	17399	29.25	cps
Iron	57-2	283	361	394	346	16.47	cps
Lead	206-1	1239	1361	1167	1256	7.83	cps
Lead	207-1	1067	1050	1083	1067	1.56	cps
Lead	208-1	5078	4917	4828	4941	2.57	cps
Lithium	6-1	1136258	1123450	1105187	1121632	1.39	cps
Magnesium	24-2	27770	26943	28204	27639	2.32	cps
Manganese	55-2	2344	2280	2184	2269	3.55	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-04 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-05-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:51:35 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	283	250	294	17.29	cps
Molybdenum	95-1	150	150	83	128	30.12	cps
Molybdenum	96-1	258	242	242	247	3.89	cps
Molybdenum	97-1	100	108	142	117	18.90	cps
Molybdenum	98-1	225	225	217	222	2.16	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	237	297	203	246	19.26	cps
Phosphorus	31-2	150	250	183	194	26.19	cps
Potassium	39-2	8586	8595	8561	8581	0.20	cps
Rhodium	103-1	5264762	5278390	5256792	5266648	0.21	cps
Rhodium	103-2	1334091	1380783	1370655	1361843	1.80	cps
Scandium	45-1	3243491	3222096	3183565	3216384	0.94	cps
Scandium	45-2	24375	26308	25837	25507	3.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	74	1	-63	4	1668.67	cps
Silicon	28-1	2781754	2766690	2738925	2762456	0.79	cps
Silver	109-1	108	142	92	114	22.35	cps
Silver	107-1	125	108	183	139	28.35	cps
Sodium	23-2	523069	518890	520433	520797	0.41	cps
Strontium	86-1	35497	35906	36090	35831	0.85	cps
Strontium	88-1	317681	312359	310464	313501	1.19	cps
Sulfur	34-1	336384	333797	330643	333608	0.86	cps
Terbium	159-1	7402431	7331986	7200614	7311677	1.40	cps
Terbium	159-2	1379894	1484322	1475042	1446419	4.00	cps
Thallium	203-1	200	200	75	158	45.58	cps
Thallium	205-1	325	400	300	342	15.23	cps
Tin	118-1	708	867	742	772	10.81	cps
Titanium	47-1	300	300	342	314	7.66	cps
Uranium	238-1	175	175	217	189	12.74	cps
Vanadium	51-2	43	50	40	44	11.46	cps
Yttrium	89-1	5963252	5936975	5965451	5955226	0.27	cps
Yttrium	89-2	167649	179896	180042	175862	4.04	cps
Zinc	66-2	1700	1700	1727	1709	0.90	cps
Zirconium	90-1	533	608	617	586	7.83	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-04	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-05-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:51:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	175	136	25.49	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-05	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-06-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:54:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	67	44	47.19	cps
Antimony	121-1	1767	1767	1517	1684	8.57	cps
Arsenic	75-2	50	17	31	33	51.04	cps
Barium	135-1	22412	21886	21602	21966	1.87	cps
Barium	137-1	36752	36936	35641	36443	1.92	cps
Beryllium	9-1	22	72	61	52	50.64	cps
Bismuth	209-1	4638943	4615302	4669744	4641329	0.59	cps
Bismuth	209-2	1241482	1232400	1140326	1204736	4.65	cps
Boron	10-1	800	925	800	842	8.57	cps
Boron	11-1	3692	3967	3942	3867	3.93	cps
Cadmium	111-1	674	688	765	709	6.93	cps
Cadmium	106-1	950	933	1083	989	8.31	cps
Cadmium	108-1	29	4	8	14	96.44	cps
Calcium	43-1	89998	90131	89377	89835	0.45	cps
Calcium	44-1	1515300	1509709	1517758	1514255	0.27	cps
Chromium	52-2	547	587	513	549	6.69	cps
Cobalt	59-2	70	73	110	84	26.28	cps
Copper	63-2	268486	266876	268188	267850	0.32	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	6984258	6936461	6801036	6907252	1.38	cps
Holmium	165-2	1501494	1485429	1371369	1452764	4.88	cps
Indium	115-1	5637128	5659487	5639568	5645394	0.22	cps
Indium	115-2	242810	242261	225283	236784	4.21	cps
Iron	56-2	18713	18291	18197	18400	1.49	cps
Iron	57-2	456	494	461	470	4.47	cps
Lead	206-1	5713	5701	5446	5620	2.69	cps
Lead	207-1	5085	4946	4879	4970	2.11	cps
Lead	208-1	22531	22486	22236	22418	0.71	cps
Lithium	6-1	1116505	1112034	1115538	1114692	0.21	cps
Magnesium	24-2	30058	29632	29816	29835	0.72	cps
Manganese	55-2	2700	2717	2820	2746	2.37	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-05 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-06-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:54:46 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	267	400	325	20.99	cps
Molybdenum	95-1	208	142	158	169	20.48	cps
Molybdenum	96-1	233	200	300	244	20.83	cps
Molybdenum	97-1	133	125	108	122	10.41	cps
Molybdenum	98-1	242	258	217	239	8.78	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	12059	11985	11698	11914	1.60	cps
Phosphorus	31-2	175	242	275	231	22.09	cps
Potassium	39-2	8495	8728	8536	8586	1.45	cps
Rhodium	103-1	5224880	5234679	5175007	5211522	0.61	cps
Rhodium	103-2	1361591	1348467	1250962	1320340	4.58	cps
Scandium	45-1	3223848	3226098	3148960	3199635	1.37	cps
Scandium	45-2	26044	25937	23133	25038	6.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	8	8	-12	1	964.71	cps
Silicon	28-1	2757059	2750639	2704508	2737402	1.05	cps
Silver	109-1	83	100	125	103	20.41	cps
Silver	107-1	158	133	92	128	26.36	cps
Sodium	23-2	503960	503279	499465	502235	0.48	cps
Strontium	86-1	36099	36650	35247	35999	1.96	cps
Strontium	88-1	307208	309135	311055	309133	0.62	cps
Sulfur	34-1	330270	327668	331434	329791	0.58	cps
Terbium	159-1	7166681	7135340	7239382	7180468	0.74	cps
Terbium	159-2	1462103	1453129	1333611	1416281	5.06	cps
Thallium	203-1	158	167	167	164	2.94	cps
Thallium	205-1	408	342	333	361	11.38	cps
Tin	118-1	817	783	567	722	18.80	cps
Titanium	47-1	425	325	333	361	15.37	cps
Uranium	238-1	183	192	167	181	7.05	cps
Vanadium	51-2	33	37	47	39	17.85	cps
Yttrium	89-1	5863781	5813235	5744089	5807035	1.03	cps
Yttrium	89-2	177618	176564	163371	172518	4.60	cps
Zinc	66-2	4474	4144	4367	4329	3.89	cps
Zirconium	90-1	608	683	733	675	9.32	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-05	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-06-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:54:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	175	167	178	7.16	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-06 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-07-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 12:57:56 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	58	42	52.91	cps
Antimony	121-1	375	417	383	392	5.63	cps
Arsenic	75-2	39	28	37	35	17.22	cps
Barium	135-1	21936	22245	21627	21936	1.41	cps
Barium	137-1	36786	36309	36744	36613	0.72	cps
Beryllium	9-1	28	106	61	65	60.20	cps
Bismuth	209-1	4681522	4654284	4621560	4652455	0.65	cps
Bismuth	209-2	1229363	1227023	1234672	1230353	0.32	cps
Boron	10-1	775	792	683	750	7.78	cps
Boron	11-1	3226	3259	3509	3331	4.65	cps
Cadmium	111-1	643	705	795	715	10.74	cps
Cadmium	106-1	875	983	1125	995	12.61	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	89829	89467	90516	89937	0.59	cps
Calcium	44-1	1524138	1531905	1511339	1522461	0.68	cps
Chromium	52-2	470	510	530	503	6.07	cps
Cobalt	59-2	43	33	47	41	16.89	cps
Copper	63-2	248173	245225	243391	245596	0.98	cps
Dysprosium	156-1	42	58	8	36	70.51	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	42	25	75	47	53.91	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	50	17	67	44	57.28	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	6914661	6882865	6830870	6876132	0.62	cps
Holmium	165-2	1488291	1486778	1478324	1484464	0.36	cps
Indium	115-1	5613143	5581212	5640488	5611614	0.53	cps
Indium	115-2	242341	241334	238719	240798	0.78	cps
Iron	56-2	17122	16477	17228	16942	2.40	cps
Iron	57-2	483	595	439	506	15.86	cps
Lead	206-1	1645	1683	1461	1596	7.43	cps
Lead	207-1	1428	1250	1139	1272	11.45	cps
Lead	208-1	6090	6173	5612	5958	5.08	cps
Lithium	6-1	1122912	1090611	1111634	1108386	1.48	cps
Magnesium	24-2	26684	25766	26167	26206	1.76	cps
Manganese	55-2	2244	2547	2294	2361	6.89	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-06	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-07-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:57:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	317	225	317	28.95	cps
Molybdenum	95-1	158	125	125	136	14.14	cps
Molybdenum	96-1	225	192	275	231	18.19	cps
Molybdenum	97-1	117	125	92	111	15.61	cps
Molybdenum	98-1	275	217	292	261	15.08	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	447	390	337	391	14.06	cps
Phosphorus	31-2	225	208	267	233	12.88	cps
Potassium	39-2	8420	8711	8753	8628	2.11	cps
Rhodium	103-1	5173272	5198782	5134126	5168727	0.63	cps
Rhodium	103-2	1346255	1352054	1347270	1348526	0.23	cps
Scandium	45-1	3186262	3194920	3160057	3180413	0.57	cps
Scandium	45-2	24992	25370	25166	25176	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-48	56	-13	-2	-3228.07	cps
Silicon	28-1	2753581	2708839	2989692	2817371	5.36	cps
Silver	109-1	192	100	158	150	30.94	cps
Silver	107-1	158	217	208	194	16.23	cps
Sodium	23-2	505906	509449	504492	506616	0.50	cps
Strontium	86-1	36893	36065	36642	36533	1.16	cps
Strontium	88-1	314708	311599	310532	312280	0.69	cps
Sulfur	34-1	325870	326244	326221	326112	0.06	cps
Terbium	159-1	7256749	7123643	7089244	7156545	1.24	cps
Terbium	159-2	1445047	1450190	1435869	1443702	0.50	cps
Thallium	203-1	125	133	100	119	14.52	cps
Thallium	205-1	433	342	317	364	16.88	cps
Tin	118-1	658	600	575	611	7.00	cps
Titanium	47-1	425	392	400	406	4.27	cps
Uranium	238-1	125	183	242	183	31.82	cps
Vanadium	51-2	20	33	33	29	26.64	cps
Yttrium	89-1	5806183	5801926	5755189	5787766	0.49	cps
Yttrium	89-2	173819	175390	175788	174999	0.59	cps
Zinc	66-2	1083	1253	1300	1212	9.41	cps
Zirconium	90-1	550	442	517	503	11.04	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-06	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-07-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 12:57:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	125	125	6.67	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-07 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-08-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:01:05 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	25	42	52.92	cps
Antimony	121-1	375	458	517	450	15.82	cps
Arsenic	75-2	28	22	19	23	20.41	cps
Barium	135-1	20325	20458	21109	20631	2.04	cps
Barium	137-1	34705	35089	34572	34789	0.77	cps
Beryllium	9-1	50	67	44	54	21.53	cps
Bismuth	209-1	4693812	4758738	4665172	4705907	1.02	cps
Bismuth	209-2	1177385	1234088	1250783	1220752	3.15	cps
Boron	10-1	658	717	725	700	5.19	cps
Boron	11-1	2875	3009	3100	2995	3.78	cps
Cadmium	111-1	668	617	772	686	11.52	cps
Cadmium	106-1	933	825	1058	939	12.44	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	90408	92193	89777	90793	1.38	cps
Calcium	44-1	1510545	1549075	1537030	1532217	1.29	cps
Chromium	52-2	423	507	447	459	9.37	cps
Cobalt	59-2	43	70	70	61	25.20	cps
Copper	63-2	331746	324559	325709	327338	1.18	cps
Dysprosium	156-1	33	25	17	25	33.34	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	92	117	42	83	45.82	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6980126	7080873	6899645	6986882	1.30	cps
Holmium	165-2	1425793	1490910	1509401	1475368	2.98	cps
Indium	115-1	5680928	5674046	5633597	5662857	0.45	cps
Indium	115-2	232542	243939	245083	240521	2.88	cps
Iron	56-2	14947	15637	21372	17319	20.37	cps
Iron	57-2	289	350	333	324	9.75	cps
Lead	206-1	7347	7675	7024	7349	4.43	cps
Lead	207-1	6546	6091	6202	6280	3.78	cps
Lead	208-1	29147	29448	28597	29064	1.48	cps
Lithium	6-1	1103798	1146610	1093076	1114495	2.54	cps
Magnesium	24-2	27052	27503	26751	27102	1.40	cps
Manganese	55-2	2417	2407	2490	2438	1.87	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-07 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-08-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:01:05 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	267	225	244	8.58	cps
Molybdenum	95-1	192	92	133	139	36.17	cps
Molybdenum	96-1	192	142	183	172	15.56	cps
Molybdenum	97-1	33	58	117	69	61.58	cps
Molybdenum	98-1	225	192	192	203	9.49	cps
Neodymium	150-1	27	7	33	22	62.43	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1180	1230	1133	1181	4.09	cps
Phosphorus	31-2	208	275	192	225	19.60	cps
Potassium	39-2	8536	8528	9128	8731	3.94	cps
Rhodium	103-1	5317284	5251924	5184197	5251135	1.27	cps
Rhodium	103-2	1290036	1354364	1373241	1339213	3.26	cps
Scandium	45-1	3222413	3230668	3174865	3209315	0.94	cps
Scandium	45-2	24495	25550	26131	25392	3.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-28	-23	14	-12	-184.92	cps
Silicon	28-1	2800327	2821105	2700555	2773996	2.32	cps
Silver	109-1	67	83	33	61	41.67	cps
Silver	107-1	75	233	150	153	51.84	cps
Sodium	23-2	511858	509198	508801	509952	0.33	cps
Strontium	86-1	36291	36191	36400	36294	0.29	cps
Strontium	88-1	309798	308076	302641	306838	1.22	cps
Sulfur	34-1	326575	323935	326236	325582	0.44	cps
Terbium	159-1	7249475	7192852	7146788	7196372	0.71	cps
Terbium	159-2	1391281	1461648	1469471	1440800	2.99	cps
Thallium	203-1	167	142	150	153	8.33	cps
Thallium	205-1	342	275	383	333	16.39	cps
Tin	118-1	700	758	600	686	11.67	cps
Titanium	47-1	292	333	325	317	6.96	cps
Uranium	238-1	58	108	108	92	31.49	cps
Vanadium	51-2	30	30	20	27	21.65	cps
Yttrium	89-1	5841283	5896772	5855923	5864660	0.49	cps
Yttrium	89-2	167852	174536	178494	173627	3.10	cps
Zinc	66-2	28496	28115	28660	28424	0.98	cps
Zirconium	90-1	617	550	500	556	10.54	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-07	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-08-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:01:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	100	192	161	32.85	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	67	33	50	50	33.34	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	8	17	25	17	50.01	cps
Barium	137-1	42	50	25	39	32.73	cps
Beryllium	9-1	44	83	39	56	43.59	cps
Bismuth	209-1	4356868	3984801	4302213	4214627	4.77	cps
Bismuth	209-2	1160403	1156876	1167241	1161506	0.45	cps
Boron	10-1	192	242	233	222	12.06	cps
Boron	11-1	858	758	933	850	10.33	cps
Cadmium	111-1	553	557	645	585	8.97	cps
Cadmium	106-1	792	792	908	831	8.11	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	1175	1317	1267	1253	5.74	cps
Calcium	44-1	13349	13399	13991	13579	2.63	cps
Chromium	52-2	403	410	470	428	8.58	cps
Cobalt	59-2	30	47	47	41	23.41	cps
Copper	63-2	127	127	103	119	11.33	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	0	13	20	11	91.66	cps
Holmium	165-1	6359393	5873197	6436882	6223158	4.91	cps
Holmium	165-2	1398770	1398303	1401172	1399415	0.11	cps
Indium	115-1	5237938	4719120	5229340	5062133	5.87	cps
Indium	115-2	225910	226536	230187	227544	1.02	cps
Iron	56-2	1089	945	972	1002	7.65	cps
Iron	57-2	22	56	11	30	78.07	cps
Lead	206-1	2174253	2153449	2169587	2165763	0.50	cps
Lead	207-1	1963866	1946618	1956312	1955599	0.44	cps
Lead	208-1	8862554	8805373	8772265	8813397	0.52	cps
Lithium	6-1	1023230	967951	1020984	1004055	3.12	cps
Magnesium	24-2	92	125	125	114	16.90	cps
Manganese	55-2	23	33	20	26	27.15	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	92	108	103	9.36	cps
Molybdenum	95-1	33	50	17	33	50.00	cps
Molybdenum	96-1	58	67	42	56	22.91	cps
Molybdenum	97-1	25	50	42	39	32.73	cps
Molybdenum	98-1	33	42	50	42	20.00	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	97	37	74	44.17	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	2050	1950	1992	1997	2.51	cps
Rhodium	103-1	4792381	4368337	4838152	4666290	5.55	cps
Rhodium	103-2	1278868	1271558	1281273	1277233	0.40	cps
Scandium	45-1	2921351	2714939	2957863	2864718	4.57	cps
Scandium	45-2	23436	23824	24391	23884	2.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	-46	-44	-80	-57	-35.67	cps
Silicon	28-1	357976	362503	354020	358166	1.19	cps
Silver	109-1	67	50	42	53	24.12	cps
Silver	107-1	50	33	25	36	35.25	cps
Sodium	23-2	4659	4534	4676	4623	1.68	cps
Strontium	86-1	433	367	492	431	14.53	cps
Strontium	88-1	167	217	100	161	36.33	cps
Sulfur	34-1	295463	294720	298735	296306	0.72	cps
Terbium	159-1	6635990	6003534	6586393	6408639	5.49	cps
Terbium	159-2	1358263	1359897	1366801	1361654	0.33	cps
Thallium	203-1	183	108	167	153	25.78	cps
Thallium	205-1	325	300	267	297	9.85	cps
Tin	118-1	400	442	342	394	12.74	cps
Titanium	47-1	133	117	158	136	15.41	cps
Uranium	238-1	58	58	83	67	21.65	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	5372252	4958453	5371576	5234094	4.56	cps
Yttrium	89-2	166211	164834	166295	165780	0.49	cps
Zinc	66-2	47	53	43	48	10.66	cps
Zirconium	90-1	383	367	375	375	2.22	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:04:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	100	58	75	29.40	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : CCB98 Instrumnet Name : P8
 Client Sample ID : CCB98 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:07:25 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.34	cps
Antimony	121-1	33	17	42	31	41.66	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	0	50	25	25	100.00	cps
Barium	137-1	25	33	25	28	17.31	cps
Beryllium	9-1	50	44	56	50	11.11	cps
Bismuth	209-1	4383940	3974863	4341658	4233487	5.31	cps
Bismuth	209-2	1162233	1171098	1168623	1167318	0.39	cps
Boron	10-1	267	175	158	200	29.17	cps
Boron	11-1	933	908	875	906	3.23	cps
Cadmium	111-1	624	533	753	637	17.30	cps
Cadmium	106-1	883	750	1075	903	18.10	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	1275	1167	1267	1236	4.88	cps
Calcium	44-1	13123	13857	12690	13223	4.46	cps
Chromium	52-2	617	577	590	594	3.43	cps
Cobalt	59-2	13	20	37	23	51.52	cps
Copper	63-2	107	107	57	90	32.07	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	33	75	8	39	86.61	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	6425516	5825345	6419028	6223296	5.54	cps
Holmium	165-2	1407303	1411816	1414001	1411040	0.24	cps
Indium	115-1	5275291	4752127	5289333	5105584	6.00	cps
Indium	115-2	229688	232277	231482	231149	0.57	cps
Iron	56-2	933	983	945	954	2.75	cps
Iron	57-2	6	39	83	43	91.61	cps
Lead	206-1	383	456	472	437	10.81	cps
Lead	207-1	378	428	394	400	6.37	cps
Lead	208-1	1667	1856	1667	1730	6.31	cps
Lithium	6-1	1045938	936063	1033425	1005142	5.98	cps
Magnesium	24-2	67	42	108	72	46.63	cps
Manganese	55-2	7	23	23	18	54.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:07:25	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	150	150	158	9.12	cps
Molybdenum	95-1	25	50	17	31	56.77	cps
Molybdenum	96-1	67	67	83	72	13.33	cps
Molybdenum	97-1	25	25	33	28	17.31	cps
Molybdenum	98-1	42	17	42	33	43.30	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	47	37	52	36.29	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2134	1875	1900	1970	7.24	cps
Rhodium	103-1	4887951	4417368	4900558	4735292	5.82	cps
Rhodium	103-2	1286547	1297136	1280308	1287997	0.66	cps
Scandium	45-1	2949927	2697873	2953637	2867146	5.11	cps
Scandium	45-2	23894	23654	23984	23844	0.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-35	11	-36	-20	-132.15	cps
Silicon	28-1	360543	359906	360872	360441	0.14	cps
Silver	109-1	50	67	42	53	24.12	cps
Silver	107-1	25	92	33	50	72.64	cps
Sodium	23-2	4259	4418	4884	4520	7.19	cps
Strontium	86-1	550	467	383	467	17.86	cps
Strontium	88-1	83	83	67	78	12.37	cps
Sulfur	34-1	305504	301893	302968	303455	0.61	cps
Terbium	159-1	6714837	6089515	6697557	6500636	5.48	cps
Terbium	159-2	1364028	1381513	1380492	1375345	0.71	cps
Thallium	203-1	83	142	108	111	26.34	cps
Thallium	205-1	250	225	350	275	24.05	cps
Tin	118-1	450	417	483	450	7.41	cps
Titanium	47-1	92	92	167	117	37.12	cps
Uranium	238-1	58	25	67	50	44.10	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	5481362	4940291	5379006	5266886	5.46	cps
Yttrium	89-2	166254	168101	166166	166840	0.65	cps
Zinc	66-2	40	20	30	30	33.33	cps
Zirconium	90-1	367	325	383	358	8.39	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:07:25	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	25	83	69	56.71	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-08 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-09-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:10:35 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	67	56	22.91	cps
Antimony	121-1	408	400	375	394	4.40	cps
Arsenic	75-2	30	37	26	31	18.33	cps
Barium	135-1	21302	20158	20292	20584	3.04	cps
Barium	137-1	36844	35941	34931	35905	2.67	cps
Beryllium	9-1	56	22	44	41	41.67	cps
Bismuth	209-1	4757907	4782771	4682496	4741058	1.10	cps
Bismuth	209-2	1272455	1268897	1261769	1267707	0.43	cps
Boron	10-1	533	692	583	603	13.43	cps
Boron	11-1	2800	2859	2875	2845	1.38	cps
Cadmium	111-1	800	734	708	747	6.30	cps
Cadmium	106-1	1125	1017	1008	1050	6.20	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	92168	92101	91826	92032	0.20	cps
Calcium	44-1	1553348	1531070	1531114	1538510	0.84	cps
Chromium	52-2	503	603	527	544	9.61	cps
Cobalt	59-2	50	50	50	50	0.00	cps
Copper	63-2	290857	294806	289498	291720	0.95	cps
Dysprosium	156-1	83	42	17	47	71.32	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	23	7	7	12	78.69	cps
Gadolinium	160-1	42	42	92	58	49.48	cps
Gadolinium	160-2	13	33	10	19	66.81	cps
Holmium	165-1	7116373	7190969	7003307	7103550	1.33	cps
Holmium	165-2	1530544	1530482	1521576	1527534	0.34	cps
Indium	115-1	5760320	5682189	5684167	5708892	0.78	cps
Indium	115-2	249259	248497	247701	248486	0.31	cps
Iron	56-2	17238	17207	16467	16971	2.57	cps
Iron	57-2	428	483	517	476	9.44	cps
Lead	206-1	3067	3284	3045	3132	4.21	cps
Lead	207-1	2684	2695	2684	2687	0.24	cps
Lead	208-1	12047	12336	11980	12121	1.56	cps
Lithium	6-1	1130484	1107623	1121404	1119837	1.03	cps
Magnesium	24-2	28212	27002	27010	27408	2.54	cps
Manganese	55-2	3497	3427	3240	3388	3.92	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-08 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-09-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:10:35 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	292	417	331	22.60	cps
Molybdenum	95-1	192	158	267	206	26.99	cps
Molybdenum	96-1	133	233	267	211	32.87	cps
Molybdenum	97-1	92	100	125	106	16.44	cps
Molybdenum	98-1	258	175	192	208	21.17	cps
Neodymium	150-1	33	27	27	29	13.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	237	310	240	262	15.79	cps
Phosphorus	31-2	183	367	225	258	37.20	cps
Potassium	39-2	8878	8244	8411	8511	3.86	cps
Rhodium	103-1	5280934	5277202	5258306	5272147	0.23	cps
Rhodium	103-2	1389712	1384099	1382417	1385409	0.28	cps
Scandium	45-1	3239334	3197067	3161019	3199140	1.23	cps
Scandium	45-2	25650	25791	25817	25753	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	50	-6	-25	6	606.82	cps
Silicon	28-1	2749086	2755975	2807271	2770777	1.15	cps
Silver	109-1	108	75	75	86	22.35	cps
Silver	107-1	108	67	92	89	23.59	cps
Sodium	23-2	512309	512514	506586	510470	0.66	cps
Strontium	86-1	35990	35581	35882	35817	0.59	cps
Strontium	88-1	310531	308494	311009	310011	0.43	cps
Sulfur	34-1	334273	332179	333759	333403	0.33	cps
Terbium	159-1	7333785	7349700	7246407	7309964	0.76	cps
Terbium	159-2	1496969	1490970	1489679	1492539	0.26	cps
Thallium	203-1	117	208	175	167	27.84	cps
Thallium	205-1	300	292	408	333	19.53	cps
Tin	118-1	542	650	467	553	16.68	cps
Titanium	47-1	542	400	350	431	23.10	cps
Uranium	238-1	167	200	167	178	10.82	cps
Vanadium	51-2	50	23	17	30	58.79	cps
Yttrium	89-1	5927755	5837513	5844326	5869865	0.86	cps
Yttrium	89-2	181228	181012	179682	180640	0.46	cps
Zinc	66-2	8946	8860	8649	8818	1.73	cps
Zirconium	90-1	492	542	542	525	5.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-08	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-09-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:10:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	117	111	8.66	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-09 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-11-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:13:45 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	100	44	109.88	cps
Antimony	121-1	308	333	458	367	21.92	cps
Arsenic	75-2	26	20	26	24	13.33	cps
Barium	135-1	20425	20216	20166	20269	0.68	cps
Barium	137-1	35557	35540	34647	35248	1.48	cps
Beryllium	9-1	44	28	44	39	24.75	cps
Bismuth	209-1	4707906	4712905	4715196	4712003	0.08	cps
Bismuth	209-2	1245171	1244945	1244421	1244846	0.03	cps
Boron	10-1	508	542	600	550	8.44	cps
Boron	11-1	2967	2900	2892	2920	1.41	cps
Cadmium	111-1	765	709	590	688	13.00	cps
Cadmium	106-1	1050	933	808	931	12.99	cps
Cadmium	108-1	29	4	38	24	73.46	cps
Calcium	43-1	91111	89191	89485	89929	1.15	cps
Calcium	44-1	1555807	1516093	1528886	1533595	1.32	cps
Chromium	52-2	567	583	503	551	7.66	cps
Cobalt	59-2	47	63	50	53	16.53	cps
Copper	63-2	339660	339176	339499	339445	0.07	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	7038511	6957724	6951652	6982629	0.69	cps
Holmium	165-2	1504816	1498564	1496937	1500106	0.28	cps
Indium	115-1	5641153	5740929	5678507	5686863	0.89	cps
Indium	115-2	245112	244426	241378	243639	0.82	cps
Iron	56-2	12445	12556	12300	12434	1.03	cps
Iron	57-2	333	267	289	296	11.46	cps
Lead	206-1	3917	3929	3740	3862	2.75	cps
Lead	207-1	3417	3328	3262	3336	2.34	cps
Lead	208-1	15298	15326	15365	15330	0.22	cps
Lithium	6-1	1131969	1109522	1109550	1117013	1.16	cps
Magnesium	24-2	27719	27127	26618	27155	2.03	cps
Manganese	55-2	1940	1777	1750	1822	5.65	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-09	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-11-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:13:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	175	350	289	34.17	cps
Molybdenum	95-1	117	117	150	128	15.06	cps
Molybdenum	96-1	358	200	133	231	50.13	cps
Molybdenum	97-1	117	92	92	100	14.43	cps
Molybdenum	98-1	258	217	200	225	13.35	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1233	1357	1247	1279	5.29	cps
Phosphorus	31-2	167	258	200	208	22.27	cps
Potassium	39-2	8194	8278	8336	8269	0.86	cps
Rhodium	103-1	5237192	5245247	5232145	5238195	0.13	cps
Rhodium	103-2	1366158	1359932	1359492	1361861	0.27	cps
Scandium	45-1	3197119	3229070	3165228	3197139	1.00	cps
Scandium	45-2	25824	25336	25517	25559	0.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-71	13	40	-6	-1042.80	cps
Silicon	28-1	2725883	2691314	2677274	2698157	0.93	cps
Silver	109-1	67	133	117	106	32.87	cps
Silver	107-1	92	75	100	89	14.32	cps
Sodium	23-2	514041	505530	506995	508855	0.89	cps
Strontium	86-1	34820	34829	34962	34870	0.23	cps
Strontium	88-1	309672	310293	306324	308763	0.69	cps
Sulfur	34-1	336203	335366	334433	335334	0.26	cps
Terbium	159-1	7221516	7222047	7221808	7221790	0.00	cps
Terbium	159-2	1469634	1453618	1461867	1461706	0.55	cps
Thallium	203-1	133	108	125	122	10.41	cps
Thallium	205-1	325	325	367	339	7.10	cps
Tin	118-1	667	592	692	650	8.01	cps
Titanium	47-1	358	1044	358	587	67.45	cps
Uranium	238-1	183	200	117	167	26.46	cps
Vanadium	51-2	20	23	27	23	14.29	cps
Yttrium	89-1	5856043	5814090	5760281	5810138	0.83	cps
Yttrium	89-2	176166	175788	175899	175951	0.11	cps
Zinc	66-2	28807	29014	28459	28760	0.97	cps
Zirconium	90-1	558	508	600	556	8.26	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-09	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-11-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:13:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	192	133	153	22.05	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-10 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-12-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:16:55 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	50	39	32.73	cps
Antimony	121-1	317	442	325	361	19.35	cps
Arsenic	75-2	33	31	35	33	5.57	cps
Barium	135-1	19690	19390	20216	19766	2.12	cps
Barium	137-1	34003	33268	32967	33412	1.59	cps
Beryllium	9-1	56	72	50	59	19.51	cps
Bismuth	209-1	4623804	4582720	4588491	4598338	0.48	cps
Bismuth	209-2	1211409	1214788	1204062	1210086	0.45	cps
Boron	10-1	600	692	658	650	7.14	cps
Boron	11-1	2834	2942	2867	2881	1.93	cps
Cadmium	111-1	593	738	676	669	10.89	cps
Cadmium	106-1	825	1000	925	917	9.58	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	89158	89779	87740	88892	1.18	cps
Calcium	44-1	1512995	1500582	1478622	1497400	1.16	cps
Chromium	52-2	443	463	473	460	3.32	cps
Cobalt	59-2	43	37	43	41	9.35	cps
Copper	63-2	307973	307061	306543	307193	0.24	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	67	33	33	44	43.29	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	6807020	6793408	6827220	6809216	0.25	cps
Holmium	165-2	1469758	1456586	1466694	1464346	0.47	cps
Indium	115-1	5581352	5547496	5443704	5524184	1.30	cps
Indium	115-2	239260	236436	239425	238374	0.70	cps
Iron	56-2	13930	13613	14386	13976	2.78	cps
Iron	57-2	383	278	344	335	15.93	cps
Lead	206-1	4479	4662	4323	4488	3.78	cps
Lead	207-1	3867	3712	3539	3706	4.43	cps
Lead	208-1	18017	17333	16710	17353	3.77	cps
Lithium	6-1	1105463	1087233	1083215	1091970	1.09	cps
Magnesium	24-2	26818	25741	26267	26275	2.05	cps
Manganese	55-2	2604	2560	2420	2528	3.79	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-10	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-12-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:16:55	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	258	192	253	23.15	cps
Molybdenum	95-1	150	167	108	142	21.21	cps
Molybdenum	96-1	300	258	225	261	14.39	cps
Molybdenum	97-1	83	83	108	92	15.74	cps
Molybdenum	98-1	242	258	175	225	19.60	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	327	270	297	298	9.52	cps
Phosphorus	31-2	192	175	200	189	6.74	cps
Potassium	39-2	8111	7969	8319	8133	2.17	cps
Rhodium	103-1	5166427	5093212	5125240	5128293	0.72	cps
Rhodium	103-2	1330740	1329256	1331103	1330366	0.07	cps
Scandium	45-1	3149140	3169874	3146873	3155296	0.40	cps
Scandium	45-2	25183	24308	24465	24652	1.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-9	25	-32	-6	-509.98	cps
Silicon	28-1	2875709	2727832	2786323	2796621	2.66	cps
Silver	109-1	108	58	100	89	30.13	cps
Silver	107-1	92	133	83	103	26.06	cps
Sodium	23-2	496021	495509	490728	494086	0.59	cps
Strontium	86-1	35530	34820	33893	34748	2.36	cps
Strontium	88-1	305161	299647	300680	301829	0.97	cps
Sulfur	34-1	333975	335778	334804	334852	0.27	cps
Terbium	159-1	7167126	7012804	7045619	7075183	1.15	cps
Terbium	159-2	1425203	1420049	1428289	1424514	0.29	cps
Thallium	203-1	83	225	142	150	47.46	cps
Thallium	205-1	175	317	275	256	28.49	cps
Tin	118-1	692	542	483	572	18.78	cps
Titanium	47-1	392	375	350	372	5.64	cps
Uranium	238-1	142	158	125	142	11.77	cps
Vanadium	51-2	27	47	23	32	39.17	cps
Yttrium	89-1	5702683	5682781	5700724	5695396	0.19	cps
Yttrium	89-2	172336	171185	173037	172186	0.54	cps
Zinc	66-2	12696	12399	12362	12486	1.47	cps
Zirconium	90-1	408	467	600	492	19.98	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-10	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-12-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:16:55	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	75	150	111	33.82	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-11 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-13-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:20:05 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	67	67	12.49	cps
Antimony	121-1	400	358	483	414	15.38	cps
Arsenic	75-2	22	46	28	32	39.28	cps
Barium	135-1	21243	20892	20492	20876	1.80	cps
Barium	137-1	37153	35240	35641	36011	2.80	cps
Beryllium	9-1	17	67	50	44	57.28	cps
Bismuth	209-1	4670919	4657395	4637269	4655194	0.36	cps
Bismuth	209-2	1218153	1225641	1214928	1219574	0.45	cps
Boron	10-1	608	600	600	603	0.80	cps
Boron	11-1	2784	2692	3117	2864	7.81	cps
Cadmium	111-1	664	689	658	670	2.47	cps
Cadmium	106-1	958	992	925	958	3.48	cps
Cadmium	108-1	33	25	21	26	24.12	cps
Calcium	43-1	108929	106124	106721	107258	1.38	cps
Calcium	44-1	1814277	1758939	1774912	1782710	1.60	cps
Chromium	52-2	543	503	550	532	4.74	cps
Cobalt	59-2	83	53	67	68	22.18	cps
Copper	63-2	107223	107905	107418	107515	0.33	cps
Dysprosium	156-1	8	58	50	39	68.89	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	50	50	83	61	31.50	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	50	83	50	66.67	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	6912743	6920042	6926542	6919776	0.10	cps
Holmium	165-2	1470525	1474993	1475204	1473574	0.18	cps
Indium	115-1	5583367	5643923	5501771	5576354	1.28	cps
Indium	115-2	238308	240427	237982	238906	0.56	cps
Iron	56-2	19536	19570	19981	19696	1.26	cps
Iron	57-2	461	428	628	506	21.20	cps
Lead	206-1	26311	25509	24719	25513	3.12	cps
Lead	207-1	21736	21352	21613	21567	0.91	cps
Lead	208-1	101337	100162	97743	99747	1.84	cps
Lithium	6-1	1115868	1124640	1109849	1116786	0.67	cps
Magnesium	24-2	22811	22844	22602	22752	0.58	cps
Manganese	55-2	3234	3037	3190	3154	3.28	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-11 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-13-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:20:05 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	275	233	261	9.21	cps
Molybdenum	95-1	158	167	133	153	11.35	cps
Molybdenum	96-1	133	275	183	197	36.43	cps
Molybdenum	97-1	108	83	142	111	26.34	cps
Molybdenum	98-1	292	258	242	264	9.65	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	667	687	690	681	1.85	cps
Phosphorus	31-2	217	200	208	208	4.00	cps
Potassium	39-2	8044	8169	8436	8217	2.44	cps
Rhodium	103-1	5245510	5183072	5073307	5167296	1.69	cps
Rhodium	103-2	1345149	1336844	1336866	1339620	0.36	cps
Scandium	45-1	3203389	3168457	3149243	3173696	0.86	cps
Scandium	45-2	25196	25273	24365	24945	2.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-1	-12	-65	-26	-131.39	cps
Silicon	28-1	2784587	2743354	2758192	2762044	0.76	cps
Silver	109-1	108	142	75	108	30.77	cps
Silver	107-1	67	67	108	81	29.86	cps
Sodium	23-2	497194	500647	496123	497988	0.47	cps
Strontium	86-1	41013	41631	41263	41303	0.75	cps
Strontium	88-1	362800	363363	359090	361751	0.64	cps
Sulfur	34-1	335914	333320	334680	334638	0.39	cps
Terbium	159-1	7276957	7120271	7119349	7172192	1.27	cps
Terbium	159-2	1436445	1443596	1430988	1437010	0.44	cps
Thallium	203-1	108	100	108	106	4.56	cps
Thallium	205-1	375	258	308	314	18.65	cps
Tin	118-1	1981	708	592	1094	70.45	cps
Titanium	47-1	367	483	267	372	29.13	cps
Uranium	238-1	258	200	283	247	17.30	cps
Vanadium	51-2	50	37	53	47	18.89	cps
Yttrium	89-1	5819929	5775847	5664699	5753492	1.39	cps
Yttrium	89-2	173037	173549	172483	173023	0.31	cps
Zinc	66-2	3004	2860	2930	2931	2.45	cps
Zirconium	90-1	600	542	492	544	9.96	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-11	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-13-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:20:05	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	133	108	103	32.77	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-12 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-14-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:23:16 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	133	75	94	35.66	cps
Antimony	121-1	417	325	275	339	21.20	cps
Arsenic	75-2	41	46	26	38	27.96	cps
Barium	135-1	22361	21936	21535	21944	1.88	cps
Barium	137-1	37997	38925	37354	38092	2.07	cps
Beryllium	9-1	39	56	33	43	27.16	cps
Bismuth	209-1	4325165	4741723	4723888	4596925	5.12	cps
Bismuth	209-2	1255153	1252924	1248610	1252229	0.27	cps
Boron	10-1	758	650	592	667	12.69	cps
Boron	11-1	2609	3034	3067	2903	8.80	cps
Cadmium	111-1	600	709	676	662	8.45	cps
Cadmium	106-1	833	1000	950	928	9.22	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	109458	109643	109055	109385	0.27	cps
Calcium	44-1	1851651	1822245	1848188	1840695	0.87	cps
Chromium	52-2	530	433	500	488	10.14	cps
Cobalt	59-2	47	40	40	42	9.12	cps
Copper	63-2	70562	70273	69576	70137	0.72	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	7	23	13	14	58.06	cps
Holmium	165-1	6426591	7104986	7036813	6856130	5.45	cps
Holmium	165-2	1516413	1511434	1503137	1510328	0.44	cps
Indium	115-1	5207900	5707903	5732896	5549566	5.34	cps
Indium	115-2	244117	244137	244802	244352	0.16	cps
Iron	56-2	23803	20043	20427	21424	9.66	cps
Iron	57-2	483	450	489	474	4.44	cps
Lead	206-1	3112	3273	3223	3202	2.58	cps
Lead	207-1	3134	2645	2873	2884	8.49	cps
Lead	208-1	13153	12169	12758	12694	3.90	cps
Lithium	6-1	1049860	1143444	1135653	1109652	4.68	cps
Magnesium	24-2	23829	23837	22410	23359	3.52	cps
Manganese	55-2	2717	2880	2994	2864	4.86	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-12 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-14-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:23:16 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	250	242	261	10.26	cps
Molybdenum	95-1	167	158	150	158	5.26	cps
Molybdenum	96-1	242	225	225	231	4.17	cps
Molybdenum	97-1	108	100	92	100	8.33	cps
Molybdenum	98-1	258	225	300	261	14.39	cps
Neodymium	150-1	27	53	13	31	65.48	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	163	177	203	181	11.25	cps
Phosphorus	31-2	200	167	183	183	9.09	cps
Potassium	39-2	8761	8511	8778	8684	1.72	cps
Rhodium	103-1	4847942	5289315	5296034	5144430	4.99	cps
Rhodium	103-2	1387073	1374253	1371270	1377532	0.61	cps
Scandium	45-1	2959254	3265384	3213618	3146086	5.21	cps
Scandium	45-2	25376	25971	25978	25775	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-37	18	-60	-27	-151.27	cps
Silicon	28-1	2837832	2832593	2754355	2808260	1.66	cps
Silver	109-1	50	33	33	39	24.75	cps
Silver	107-1	92	67	75	78	16.37	cps
Sodium	23-2	512429	509785	504528	508914	0.79	cps
Strontium	86-1	42517	43119	42007	42548	1.31	cps
Strontium	88-1	376795	372009	368531	372445	1.11	cps
Sulfur	34-1	336644	337988	337184	337272	0.20	cps
Terbium	159-1	6648165	7322381	7317253	7095933	5.46	cps
Terbium	159-2	1483745	1480044	1462451	1475413	0.77	cps
Thallium	203-1	133	125	200	153	26.91	cps
Thallium	205-1	300	292	242	278	11.36	cps
Tin	118-1	417	558	692	556	24.75	cps
Titanium	47-1	392	400	392	394	1.22	cps
Uranium	238-1	192	300	308	267	24.41	cps
Vanadium	51-2	63	57	97	72	29.67	cps
Yttrium	89-1	5285582	5883663	5945001	5704749	6.39	cps
Yttrium	89-2	178135	178473	177754	178121	0.20	cps
Zinc	66-2	750	750	787	762	2.78	cps
Zirconium	90-1	442	475	550	489	11.35	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-12	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-14-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:23:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	158	150	122	45.40	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-13 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-15-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:26:26 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	100	78	26.96	cps
Antimony	121-1	817	950	850	872	7.96	cps
Arsenic	75-2	26	37	30	31	18.33	cps
Barium	135-1	21059	21118	20333	20837	2.10	cps
Barium	137-1	34830	35750	35858	35479	1.59	cps
Beryllium	9-1	61	17	50	43	54.30	cps
Bismuth	209-1	4764960	4733245	4755390	4751198	0.34	cps
Bismuth	209-2	1243098	1239329	1243714	1242047	0.19	cps
Boron	10-1	767	642	592	667	13.52	cps
Boron	11-1	3117	3184	2859	3053	5.62	cps
Cadmium	111-1	688	710	653	684	4.15	cps
Cadmium	106-1	983	1000	900	961	5.57	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Calcium	43-1	111315	110608	110902	110942	0.32	cps
Calcium	44-1	1880771	1862725	1843103	1862200	1.01	cps
Chromium	52-2	560	510	467	512	9.12	cps
Cobalt	59-2	33	27	27	29	13.31	cps
Copper	63-2	144600	142411	140194	142402	1.55	cps
Dysprosium	156-1	58	17	25	33	66.14	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	67	8	33	90.15	cps
Erbium	164-2	20	3	3	9	108.30	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	7114959	7107451	7037755	7086722	0.60	cps
Holmium	165-2	1510073	1493602	1503377	1502350	0.55	cps
Indium	115-1	5757695	5757838	5693965	5736499	0.64	cps
Indium	115-2	241442	242613	244479	242845	0.63	cps
Iron	56-2	21261	21490	21161	21304	0.79	cps
Iron	57-2	594	517	594	569	7.90	cps
Lead	206-1	27102	27168	28071	27447	1.97	cps
Lead	207-1	22699	23082	22860	22880	0.84	cps
Lead	208-1	107220	108245	107250	107572	0.54	cps
Lithium	6-1	1152470	1152492	1147067	1150676	0.27	cps
Magnesium	24-2	22994	22110	22226	22443	2.14	cps
Manganese	55-2	1503	1460	1617	1527	5.30	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-13	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-15-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:26:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	225	292	258	12.90	cps
Molybdenum	95-1	192	125	158	158	21.05	cps
Molybdenum	96-1	250	200	208	219	12.21	cps
Molybdenum	97-1	100	183	58	114	55.88	cps
Molybdenum	98-1	208	342	292	281	24.01	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	207	210	216	5.86	cps
Phosphorus	31-2	233	217	183	211	12.06	cps
Potassium	39-2	8303	8236	8128	8222	1.07	cps
Rhodium	103-1	5245194	5284573	5269557	5266441	0.38	cps
Rhodium	103-2	1360833	1366133	1366676	1364547	0.24	cps
Scandium	45-1	3210707	3194070	3230539	3211772	0.57	cps
Scandium	45-2	24675	25300	25483	25153	1.68	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-3	16	20	11	107.76	cps
Silicon	28-1	2892174	2884017	2901957	2892716	0.31	cps
Silver	109-1	33	17	117	56	96.44	cps
Silver	107-1	75	50	58	61	20.83	cps
Sodium	23-2	516067	512791	516029	514962	0.37	cps
Strontium	86-1	43863	42408	44122	43465	2.13	cps
Strontium	88-1	379271	376980	370971	375741	1.14	cps
Sulfur	34-1	344691	338422	339603	340905	0.98	cps
Terbium	159-1	7332712	7366428	7269108	7322749	0.67	cps
Terbium	159-2	1465823	1464003	1455573	1461800	0.37	cps
Thallium	203-1	192	150	108	150	27.78	cps
Thallium	205-1	375	325	267	322	16.83	cps
Tin	118-1	750	750	650	717	8.06	cps
Titanium	47-1	292	367	267	308	16.88	cps
Uranium	238-1	192	283	250	242	19.20	cps
Vanadium	51-2	37	40	50	42	16.43	cps
Yttrium	89-1	5936527	5863602	5834490	5878206	0.89	cps
Yttrium	89-2	175886	176488	176079	176151	0.17	cps
Zinc	66-2	2744	2737	2777	2753	0.78	cps
Zirconium	90-1	483	458	567	503	11.28	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-13	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-15-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:26:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	108	106	12.06	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-14 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-16-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:29:36 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	58	86	29.56	cps
Antimony	121-1	267	417	350	344	21.82	cps
Arsenic	75-2	33	41	33	36	11.95	cps
Barium	135-1	21769	21552	20967	21429	1.93	cps
Barium	137-1	37345	36310	36518	36724	1.49	cps
Beryllium	9-1	33	28	50	37	31.22	cps
Bismuth	209-1	4677604	4640225	4697849	4671893	0.63	cps
Bismuth	209-2	1142806	1212163	1204899	1186622	3.21	cps
Boron	10-1	567	675	725	656	12.35	cps
Boron	11-1	2834	3276	2959	3023	7.53	cps
Cadmium	111-1	608	703	738	683	9.89	cps
Cadmium	106-1	858	1008	1025	964	9.52	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	106888	104361	107317	106188	1.50	cps
Calcium	44-1	1805164	1795847	1788170	1796394	0.47	cps
Chromium	52-2	513	563	560	546	5.12	cps
Cobalt	59-2	43	47	70	53	27.24	cps
Copper	63-2	79439	79660	79224	79441	0.27	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	83	8	25	39	101.28	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	58	108	86	29.56	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	6962108	6805113	6927309	6898177	1.20	cps
Holmium	165-2	1400170	1450760	1465433	1438788	2.38	cps
Indium	115-1	5633999	5608596	5549453	5597349	0.78	cps
Indium	115-2	227074	235523	234216	232271	1.96	cps
Iron	56-2	23210	21912	22652	22592	2.88	cps
Iron	57-2	456	533	661	550	18.87	cps
Lead	206-1	12457	13107	13163	12909	3.04	cps
Lead	207-1	10505	11050	11033	10862	2.85	cps
Lead	208-1	50224	50629	50557	50470	0.43	cps
Lithium	6-1	1120829	1127209	1125222	1124420	0.29	cps
Magnesium	24-2	23003	22310	22076	22463	2.15	cps
Manganese	55-2	2957	2870	2937	2921	1.55	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-14 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-16-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:29:36 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	317	267	294	8.65	cps
Molybdenum	95-1	125	150	108	128	16.41	cps
Molybdenum	96-1	233	125	208	189	30.03	cps
Molybdenum	97-1	83	100	100	94	10.19	cps
Molybdenum	98-1	250	317	158	242	32.90	cps
Neodymium	150-1	7	27	27	20	57.73	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	153	177	197	176	12.35	cps
Phosphorus	31-2	217	333	233	261	24.17	cps
Potassium	39-2	8428	8511	8169	8370	2.13	cps
Rhodium	103-1	5176711	5137385	5193482	5169193	0.56	cps
Rhodium	103-2	1277387	1324934	1330706	1311009	2.23	cps
Scandium	45-1	3170089	3164480	3152782	3162451	0.28	cps
Scandium	45-2	23587	24091	24345	24007	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	6	5	-44	-11	-254.56	cps
Silicon	28-1	2777916	2749092	2776698	2767902	0.59	cps
Silver	109-1	50	42	92	61	43.83	cps
Silver	107-1	108	17	92	72	67.61	cps
Sodium	23-2	496669	489309	490386	492122	0.81	cps
Strontium	86-1	43295	42534	41631	42486	1.96	cps
Strontium	88-1	365388	362270	358889	362182	0.90	cps
Sulfur	34-1	347787	344994	346816	346532	0.41	cps
Terbium	159-1	7132825	7069307	7213472	7138535	1.01	cps
Terbium	159-2	1362119	1413130	1417509	1397586	2.20	cps
Thallium	203-1	83	125	125	111	21.65	cps
Thallium	205-1	308	333	358	333	7.50	cps
Tin	118-1	692	683	658	678	2.56	cps
Titanium	47-1	425	417	433	425	1.96	cps
Uranium	238-1	308	358	267	311	14.75	cps
Vanadium	51-2	37	43	63	48	29.04	cps
Yttrium	89-1	5778165	5741145	5774584	5764631	0.35	cps
Yttrium	89-2	164321	170884	170192	168466	2.14	cps
Zinc	66-2	797	700	730	742	6.67	cps
Zirconium	90-1	567	625	600	597	4.90	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-14	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-16-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:29:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	117	117	122	7.87	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-15 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-18-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:32:46 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	50	75	29.40	cps
Antimony	121-1	467	442	525	478	8.95	cps
Arsenic	75-2	26	41	35	34	22.04	cps
Barium	135-1	21201	21243	20867	21104	0.98	cps
Barium	137-1	37688	37746	36869	37435	1.31	cps
Beryllium	9-1	39	67	61	56	26.46	cps
Bismuth	209-1	4820090	4781536	4751721	4784449	0.72	cps
Bismuth	209-2	1225078	984979	1226747	1145601	12.14	cps
Boron	10-1	725	600	592	639	11.69	cps
Boron	11-1	2975	2959	3175	3037	3.97	cps
Cadmium	111-1	740	787	708	745	5.32	cps
Cadmium	106-1	1042	1133	1000	1058	6.45	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Calcium	43-1	110650	108049	109424	109374	1.19	cps
Calcium	44-1	1879637	1860402	1809222	1849754	1.97	cps
Chromium	52-2	507	560	523	530	5.15	cps
Cobalt	59-2	53	40	27	40	33.33	cps
Copper	63-2	86749	88792	86295	87279	1.52	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	75	58	50	60.09	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	7116450	7027321	7030829	7058200	0.72	cps
Holmium	165-2	1490036	1187644	1481389	1386356	12.42	cps
Indium	115-1	5659436	5694613	5644041	5666030	0.46	cps
Indium	115-2	242009	191741	238355	224035	12.51	cps
Iron	56-2	23075	24191	22341	23202	4.02	cps
Iron	57-2	583	589	639	604	5.07	cps
Lead	206-1	14319	14303	14954	14525	2.55	cps
Lead	207-1	12045	11450	11606	11700	2.64	cps
Lead	208-1	55900	54642	55777	55439	1.25	cps
Lithium	6-1	1147632	1150575	1133184	1143797	0.81	cps
Magnesium	24-2	22085	22143	22644	22290	1.38	cps
Manganese	55-2	2814	2640	2427	2627	7.37	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-15	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-18-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:32:46	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	358	217	256	35.17	cps
Molybdenum	95-1	175	175	150	167	8.66	cps
Molybdenum	96-1	167	250	242	219	20.91	cps
Molybdenum	97-1	125	150	142	139	9.16	cps
Molybdenum	98-1	317	267	258	281	11.25	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	427	427	373	409	7.53	cps
Phosphorus	31-2	200	167	158	175	12.60	cps
Potassium	39-2	8620	7969	7761	8117	5.52	cps
Rhodium	103-1	5378649	5218760	5244816	5280742	1.62	cps
Rhodium	103-2	1341846	1078438	1345527	1255270	12.20	cps
Scandium	45-1	3234868	3256108	3212974	3234650	0.67	cps
Scandium	45-2	25624	20162	24655	23480	12.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-63	-4	43	-8	-660.56	cps
Silicon	28-1	2846793	2890042	2811870	2849568	1.37	cps
Silver	109-1	100	75	50	75	33.34	cps
Silver	107-1	117	100	100	106	9.11	cps
Sodium	23-2	502995	511572	500110	504893	1.18	cps
Strontium	86-1	43086	42818	43529	43144	0.83	cps
Strontium	88-1	369951	372551	367782	370095	0.65	cps
Sulfur	34-1	343177	343211	342903	343097	0.05	cps
Terbium	159-1	7365062	7363718	7246829	7325203	0.93	cps
Terbium	159-2	1450747	1149094	1432384	1344075	12.58	cps
Thallium	203-1	125	133	67	108	33.53	cps
Thallium	205-1	275	292	292	286	3.36	cps
Tin	118-1	667	625	450	581	19.80	cps
Titanium	47-1	383	342	383	369	6.51	cps
Uranium	238-1	225	308	283	272	15.71	cps
Vanadium	51-2	83	70	63	72	14.11	cps
Yttrium	89-1	5872543	5939770	5807466	5873260	1.13	cps
Yttrium	89-2	173670	139721	172986	162126	11.97	cps
Zinc	66-2	1503	1440	1507	1483	2.53	cps
Zirconium	90-1	500	525	583	536	7.98	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-15	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-18-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:32:46	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	100	175	136	27.61	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-16 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-19-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:35:56 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	133	97	34.65	cps
Antimony	121-1	433	367	408	403	8.36	cps
Arsenic	75-2	24	33	37	31	21.22	cps
Barium	135-1	22028	21318	22445	21930	2.60	cps
Barium	137-1	37471	37237	38006	37571	1.05	cps
Beryllium	9-1	67	56	11	44	66.15	cps
Bismuth	209-1	4756292	4689418	4494771	4646827	2.92	cps
Bismuth	209-2	1238478	1240978	1235721	1238392	0.21	cps
Boron	10-1	517	458	600	525	13.56	cps
Boron	11-1	3025	2950	2909	2962	2.00	cps
Cadmium	111-1	709	610	606	642	9.10	cps
Cadmium	106-1	1000	867	850	906	9.08	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	109727	108988	109785	109500	0.41	cps
Calcium	44-1	1823645	1827909	1830475	1827343	0.19	cps
Chromium	52-2	493	537	467	499	7.08	cps
Cobalt	59-2	43	33	23	33	30.00	cps
Copper	63-2	74977	76932	76000	75970	1.29	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	67	50	33	50	33.33	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	58	42	92	64	39.85	cps
Gadolinium	160-2	17	0	20	12	87.67	cps
Holmium	165-1	7064630	6882854	6670697	6872727	2.87	cps
Holmium	165-2	1496952	1495228	1486230	1492803	0.39	cps
Indium	115-1	5720971	5608847	5356076	5561964	3.36	cps
Indium	115-2	240403	243383	238914	240900	0.94	cps
Iron	56-2	21090	20967	21791	21283	2.09	cps
Iron	57-2	561	356	544	487	23.44	cps
Lead	206-1	3623	3495	3790	3636	4.06	cps
Lead	207-1	2845	3206	3256	3102	7.23	cps
Lead	208-1	14143	14431	14698	14424	1.93	cps
Lithium	6-1	1122635	1135512	1089250	1115799	2.14	cps
Magnesium	24-2	22418	22727	22811	22652	0.91	cps
Manganese	55-2	2670	2627	2704	2667	1.44	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-16 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-19-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:35:56 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	275	192	247	19.46	cps
Molybdenum	95-1	192	100	158	150	30.94	cps
Molybdenum	96-1	183	233	150	189	22.21	cps
Molybdenum	97-1	142	133	100	125	17.64	cps
Molybdenum	98-1	258	250	233	247	5.15	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	190	223	153	189	18.54	cps
Phosphorus	31-2	233	258	250	247	5.15	cps
Potassium	39-2	8053	8028	8236	8105	1.40	cps
Rhodium	103-1	5281702	5154167	4976360	5137410	2.99	cps
Rhodium	103-2	1363177	1363049	1344715	1356980	0.78	cps
Scandium	45-1	3203303	3136918	3017436	3119219	3.02	cps
Scandium	45-2	25417	25203	25507	25375	0.61	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	48	27	-22	17	207.27	cps
Silicon	28-1	2777740	2748184	2803470	2776465	1.00	cps
Silver	109-1	83	33	33	50	57.75	cps
Silver	107-1	50	125	100	92	41.66	cps
Sodium	23-2	497592	504219	501321	501044	0.66	cps
Strontium	86-1	42743	43086	41873	42567	1.47	cps
Strontium	88-1	375881	367484	374356	372574	1.20	cps
Sulfur	34-1	340070	339441	341520	340343	0.31	cps
Terbium	159-1	7281510	7215022	6886701	7127744	2.97	cps
Terbium	159-2	1451473	1450200	1444492	1448722	0.26	cps
Thallium	203-1	92	108	125	108	15.39	cps
Thallium	205-1	225	333	333	297	21.04	cps
Tin	118-1	575	708	583	622	12.00	cps
Titanium	47-1	425	392	367	394	7.42	cps
Uranium	238-1	308	317	300	308	2.70	cps
Vanadium	51-2	13	67	57	46	62.24	cps
Yttrium	89-1	5967917	5792616	5582633	5781056	3.34	cps
Yttrium	89-2	173864	175973	175860	175232	0.68	cps
Zinc	66-2	807	873	717	799	9.84	cps
Zirconium	90-1	467	533	583	528	11.09	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-16	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-19-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:35:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	233	164	37.48	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-17 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-20-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:39:06 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	67	78	16.37	cps
Antimony	121-1	558	658	567	594	9.33	cps
Arsenic	75-2	31	26	48	35	32.87	cps
Barium	135-1	21059	21110	20709	20959	1.04	cps
Barium	137-1	36518	35407	36067	35997	1.55	cps
Beryllium	9-1	44	33	28	35	24.12	cps
Bismuth	209-1	4806233	4803027	4789111	4799457	0.19	cps
Bismuth	209-2	1242397	1248886	1248241	1246508	0.29	cps
Boron	10-1	533	642	608	594	9.33	cps
Boron	11-1	2759	2834	2817	2803	1.41	cps
Cadmium	111-1	619	804	602	675	16.64	cps
Cadmium	106-1	867	1100	825	931	15.93	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	111793	109157	110004	110318	1.22	cps
Calcium	44-1	1873529	1863396	1844557	1860494	0.79	cps
Chromium	52-2	563	450	497	503	11.32	cps
Cobalt	59-2	107	70	80	86	22.16	cps
Copper	63-2	150218	150774	148995	149996	0.61	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	75	17	47	61.97	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	7093872	6985815	7068455	7049380	0.80	cps
Holmium	165-2	1513110	1510866	1499915	1507964	0.47	cps
Indium	115-1	5766928	5688555	5640107	5698530	1.12	cps
Indium	115-2	248136	245714	242942	245597	1.06	cps
Iron	56-2	20818	21657	20159	20878	3.59	cps
Iron	57-2	506	583	500	530	8.80	cps
Lead	206-1	314377	313693	313088	313719	0.21	cps
Lead	207-1	256671	255234	258012	256639	0.54	cps
Lead	208-1	1206006	1199073	1197188	1200755	0.39	cps
Lithium	6-1	1148750	1153118	1139989	1147286	0.58	cps
Magnesium	24-2	21859	22402	22060	22107	1.24	cps
Manganese	55-2	1907	1820	1787	1838	3.37	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-17	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-20-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:39:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	275	233	247	9.73	cps
Molybdenum	95-1	167	108	192	156	27.49	cps
Molybdenum	96-1	375	192	250	272	34.41	cps
Molybdenum	97-1	125	125	108	119	8.06	cps
Molybdenum	98-1	200	300	275	258	20.15	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1737	1870	1687	1765	5.37	cps
Phosphorus	31-2	208	167	200	192	11.50	cps
Potassium	39-2	7961	8136	8211	8103	1.58	cps
Rhodium	103-1	5311659	5249663	5184145	5248489	1.21	cps
Rhodium	103-2	1373591	1375475	1365727	1371598	0.38	cps
Scandium	45-1	3272951	3236164	3169196	3226104	1.63	cps
Scandium	45-2	25183	25073	25690	25315	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	4	-69	-8	-24	-161.94	cps
Silicon	28-1	2889293	2787547	2782138	2819659	2.14	cps
Silver	109-1	142	158	92	131	26.57	cps
Silver	107-1	208	175	183	189	9.19	cps
Sodium	23-2	521325	513927	510433	515228	1.08	cps
Strontium	86-1	44315	42584	41898	42932	2.90	cps
Strontium	88-1	373661	368220	369289	370390	0.78	cps
Sulfur	34-1	338526	338551	339552	338876	0.17	cps
Terbium	159-1	7312212	7264316	7297858	7291462	0.34	cps
Terbium	159-2	1471873	1476576	1467674	1472041	0.30	cps
Thallium	203-1	67	117	158	114	40.30	cps
Thallium	205-1	325	292	242	286	14.66	cps
Tin	118-1	2417	2559	2442	2473	3.06	cps
Titanium	47-1	367	300	483	383	24.21	cps
Uranium	238-1	225	200	208	211	6.03	cps
Vanadium	51-2	70	70	53	64	14.93	cps
Yttrium	89-1	5942992	5859932	5916217	5906380	0.72	cps
Yttrium	89-2	178230	178513	176673	177805	0.56	cps
Zinc	66-2	10124	10207	9814	10048	2.06	cps
Zirconium	90-1	542	383	542	489	18.70	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-17	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-20-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:39:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	92	183	119	46.45	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	33	50	33	39	24.75	cps
Arsenic	75-2	9	7	2	6	62.47	cps
Barium	135-1	33	58	17	36	58.08	cps
Barium	137-1	58	17	67	47	56.72	cps
Beryllium	9-1	39	6	44	30	70.98	cps
Bismuth	209-1	4433917	4394674	4428610	4419067	0.48	cps
Bismuth	209-2	1150360	1156717	1164057	1157045	0.59	cps
Boron	10-1	233	158	217	203	19.42	cps
Boron	11-1	825	917	783	842	8.10	cps
Cadmium	111-1	583	648	689	640	8.31	cps
Cadmium	106-1	842	908	967	906	6.91	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	1317	975	1117	1136	15.11	cps
Calcium	44-1	12356	12731	12940	12676	2.33	cps
Chromium	52-2	340	497	407	414	18.97	cps
Cobalt	59-2	23	33	50	36	37.90	cps
Copper	63-2	77	133	107	106	26.86	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	6448577	6457093	6470497	6458722	0.17	cps
Holmium	165-2	1396495	1393424	1386980	1392299	0.35	cps
Indium	115-1	5277606	5201915	5231726	5237083	0.73	cps
Indium	115-2	227012	226441	224824	226093	0.50	cps
Iron	56-2	1072	1017	895	995	9.15	cps
Iron	57-2	11	22	17	17	33.33	cps
Lead	206-1	2174857	2224004	2186442	2195101	1.17	cps
Lead	207-1	1993043	1991487	2028095	2004209	1.03	cps
Lead	208-1	8890123	8983477	8995970	8956523	0.65	cps
Lithium	6-1	1023139	1044317	1039404	1035620	1.07	cps
Magnesium	24-2	100	33	83	72	48.05	cps
Manganese	55-2	17	27	7	17	59.99	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	183	100	139	30.20	cps
Molybdenum	95-1	8	25	25	19	49.50	cps
Molybdenum	96-1	75	33	42	50	44.10	cps
Molybdenum	97-1	50	50	17	39	49.48	cps
Molybdenum	98-1	42	42	33	39	12.38	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	63	60	64	7.90	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2150	2042	2017	2070	3.43	cps
Rhodium	103-1	4884817	4839488	4854934	4859746	0.47	cps
Rhodium	103-2	1287075	1268478	1278472	1278008	0.73	cps
Scandium	45-1	2949523	2947075	2997183	2964594	0.95	cps
Scandium	45-2	23994	23306	23279	23527	1.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-31	19	-23	-12	-226.85	cps
Silicon	28-1	359421	358787	359633	359280	0.12	cps
Silver	109-1	50	25	33	36	35.25	cps
Silver	107-1	33	58	33	42	34.65	cps
Sodium	23-2	4459	4526	4476	4487	0.77	cps
Strontium	86-1	467	367	517	450	16.97	cps
Strontium	88-1	142	167	167	158	9.12	cps
Sulfur	34-1	325134	322587	318882	322201	0.98	cps
Terbium	159-1	6713927	6724031	6703476	6713811	0.15	cps
Terbium	159-2	1355319	1361509	1351306	1356044	0.38	cps
Thallium	203-1	92	108	167	122	32.22	cps
Thallium	205-1	292	383	350	342	13.58	cps
Tin	118-1	333	192	425	317	37.12	cps
Titanium	47-1	225	117	150	164	33.86	cps
Uranium	238-1	58	67	67	64	7.53	cps
Vanadium	51-2	17	3	0	7	132.33	cps
Yttrium	89-1	5391568	5421675	5364614	5392619	0.53	cps
Yttrium	89-2	164308	161660	164267	163411	0.93	cps
Zinc	66-2	33	30	43	36	19.51	cps
Zirconium	90-1	292	392	333	339	14.82	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:42:16	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	50	86	39.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	42	17	58	39	53.93	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	33	42	83	53	50.76	cps
Beryllium	9-1	44	33	67	48	35.25	cps
Bismuth	209-1	4426294	4363304	4391848	4393815	0.72	cps
Bismuth	209-2	1147608	1152470	1149390	1149823	0.21	cps
Boron	10-1	142	183	183	169	14.20	cps
Boron	11-1	683	550	642	625	10.91	cps
Cadmium	111-1	595	705	708	670	9.65	cps
Cadmium	106-1	850	1000	1008	953	9.35	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	1133	1033	1208	1125	7.81	cps
Calcium	44-1	12915	12773	12139	12609	3.28	cps
Chromium	52-2	620	567	550	579	6.32	cps
Cobalt	59-2	20	33	47	33	40.01	cps
Copper	63-2	107	43	77	76	41.93	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	25	58	17	33	66.14	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6498523	6441694	6458485	6466234	0.45	cps
Holmium	165-2	1388215	1390565	1377244	1385341	0.51	cps
Indium	115-1	5226129	5226458	5239797	5230795	0.15	cps
Indium	115-2	225976	223647	222496	224040	0.79	cps
Iron	56-2	861	945	933	913	4.96	cps
Iron	57-2	28	33	39	33	16.67	cps
Lead	206-1	456	494	417	456	8.54	cps
Lead	207-1	433	367	389	396	8.57	cps
Lead	208-1	1845	1872	1683	1800	5.67	cps
Lithium	6-1	1039624	1037622	1033720	1036988	0.29	cps
Magnesium	24-2	108	50	92	83	36.06	cps
Manganese	55-2	10	13	17	13	25.01	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	58	92	97	43.14	cps
Molybdenum	95-1	25	33	0	19	89.21	cps
Molybdenum	96-1	42	75	83	67	33.07	cps
Molybdenum	97-1	8	8	25	14	69.31	cps
Molybdenum	98-1	50	58	8	39	68.89	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	40	53	54	27.61	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2025	2100	2300	2142	6.64	cps
Rhodium	103-1	4878361	4816565	4852789	4849239	0.64	cps
Rhodium	103-2	1269384	1267792	1271056	1269410	0.13	cps
Scandium	45-1	2961092	2953912	2968384	2961130	0.24	cps
Scandium	45-2	23193	23710	23450	23451	1.10	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-34	-21	-92	-49	-77.83	cps
Silicon	28-1	356581	358595	362274	359150	0.80	cps
Silver	109-1	33	58	33	42	34.65	cps
Silver	107-1	42	17	50	36	48.03	cps
Sodium	23-2	4768	4226	4293	4429	6.67	cps
Strontium	86-1	500	375	433	436	14.34	cps
Strontium	88-1	117	100	150	122	20.83	cps
Sulfur	34-1	326797	326126	326673	326532	0.11	cps
Terbium	159-1	6686922	6740021	6728725	6718556	0.42	cps
Terbium	159-2	1355775	1353781	1345284	1351613	0.41	cps
Thallium	203-1	108	133	100	114	15.23	cps
Thallium	205-1	275	267	308	283	7.78	cps
Tin	118-1	400	375	2757	1177	116.20	cps
Titanium	47-1	92	117	167	125	30.55	cps
Uranium	238-1	33	58	42	44	28.64	cps
Vanadium	51-2	3	17	3	8	99.04	cps
Yttrium	89-1	5361252	5414036	5403623	5392970	0.52	cps
Yttrium	89-2	162936	163731	161833	162833	0.59	cps
Zinc	66-2	33	23	27	28	18.33	cps
Zirconium	90-1	308	358	333	333	7.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:45:25	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	58	108	86	29.56	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-18 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-21-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:48:36 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	83	158	128	30.82	cps
Antimony	121-1	408	358	417	394	8.00	cps
Arsenic	75-2	28	30	33	30	9.34	cps
Barium	135-1	22245	21610	21510	21788	1.83	cps
Barium	137-1	39017	38014	37370	38134	2.18	cps
Beryllium	9-1	44	17	22	28	52.92	cps
Bismuth	209-1	4690333	4630774	4611301	4644136	0.89	cps
Bismuth	209-2	1220786	1207138	1216079	1214668	0.57	cps
Boron	10-1	558	700	625	628	11.29	cps
Boron	11-1	2642	2650	2709	2667	1.36	cps
Cadmium	111-1	708	692	634	678	5.79	cps
Cadmium	106-1	1008	975	858	947	8.32	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	106611	106947	106730	106763	0.16	cps
Calcium	44-1	1805164	1800948	1787645	1797919	0.51	cps
Chromium	52-2	513	463	537	504	7.43	cps
Cobalt	59-2	17	27	43	29	46.62	cps
Copper	63-2	77156	77424	75866	76815	1.08	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6892587	6910156	6775652	6859465	1.07	cps
Holmium	165-2	1466829	1458370	1463169	1462789	0.29	cps
Indium	115-1	5684052	5616673	5497486	5599403	1.69	cps
Indium	115-2	239354	233838	236942	236711	1.17	cps
Iron	56-2	22619	20188	19275	20694	8.35	cps
Iron	57-2	578	594	550	574	3.91	cps
Lead	206-1	4229	4140	4345	4238	2.43	cps
Lead	207-1	3434	3673	3523	3543	3.41	cps
Lead	208-1	16121	16810	16266	16399	2.22	cps
Lithium	6-1	1120982	1116982	1112143	1116702	0.40	cps
Magnesium	24-2	22811	22811	22535	22719	0.70	cps
Manganese	55-2	2380	2447	2250	2359	4.24	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-18 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-21-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:48:36 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	367	317	322	13.02	cps
Molybdenum	95-1	217	75	208	167	47.70	cps
Molybdenum	96-1	225	183	250	219	15.35	cps
Molybdenum	97-1	125	83	142	117	25.75	cps
Molybdenum	98-1	250	250	183	228	16.90	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	320	347	293	320	8.33	cps
Phosphorus	31-2	225	183	217	208	10.58	cps
Potassium	39-2	8286	8061	8203	8183	1.39	cps
Rhodium	103-1	5240799	5084001	5147458	5157419	1.53	cps
Rhodium	103-2	1337545	1324699	1327552	1329932	0.51	cps
Scandium	45-1	3209633	3121252	3137262	3156049	1.49	cps
Scandium	45-2	25520	24482	24628	24877	2.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-56	-60	-21	-46	-46.95	cps
Silicon	28-1	2720176	2771569	2724982	2738909	1.04	cps
Silver	109-1	75	50	42	56	31.22	cps
Silver	107-1	92	50	142	94	48.60	cps
Sodium	23-2	492750	486760	488923	489478	0.62	cps
Strontium	86-1	42383	42116	41046	41848	1.69	cps
Strontium	88-1	364748	362082	361315	362715	0.50	cps
Sulfur	34-1	352311	349671	349766	350583	0.43	cps
Terbium	159-1	7197589	7121095	7107338	7142007	0.68	cps
Terbium	159-2	1428287	1410809	1422058	1420385	0.62	cps
Thallium	203-1	150	150	100	133	21.65	cps
Thallium	205-1	358	325	350	344	5.04	cps
Tin	118-1	642	575	642	619	6.21	cps
Titanium	47-1	258	417	350	342	23.27	cps
Uranium	238-1	267	217	242	242	10.34	cps
Vanadium	51-2	60	47	77	61	24.60	cps
Yttrium	89-1	5722168	5668170	5784829	5725056	1.02	cps
Yttrium	89-2	171822	170579	173422	171941	0.83	cps
Zinc	66-2	1257	1120	1257	1211	6.52	cps
Zirconium	90-1	583	533	450	522	12.90	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-18	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-21-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:48:36	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	92	106	12.06	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-19 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-23-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:51:45 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	58	67	21.65	cps
Antimony	121-1	683	633	558	625	10.07	cps
Arsenic	75-2	30	33	35	33	8.65	cps
Barium	135-1	20733	19674	20567	20325	2.80	cps
Barium	137-1	35148	35073	35407	35209	0.50	cps
Beryllium	9-1	33	67	22	41	56.78	cps
Bismuth	209-1	4675455	4723936	4604105	4667832	1.29	cps
Bismuth	209-2	1214967	1219013	1219082	1217687	0.19	cps
Boron	10-1	617	708	525	617	14.87	cps
Boron	11-1	2825	2984	2784	2864	3.68	cps
Cadmium	111-1	759	748	762	756	1.01	cps
Cadmium	106-1	1067	1017	1042	1042	2.40	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	106762	108585	108307	107885	0.91	cps
Calcium	44-1	1837280	1856841	1848514	1847545	0.53	cps
Chromium	52-2	510	503	557	523	5.55	cps
Cobalt	59-2	117	120	130	122	5.68	cps
Copper	63-2	149171	148894	148978	149014	0.10	cps
Dysprosium	156-1	33	33	50	39	24.74	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	42	92	53	65.74	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	6941568	6992665	6910726	6948320	0.60	cps
Holmium	165-2	1473792	1473316	1464865	1470658	0.34	cps
Indium	115-1	5618870	5563538	5554839	5579082	0.62	cps
Indium	115-2	236551	234718	238279	236516	0.75	cps
Iron	56-2	22781	21306	23099	22395	4.27	cps
Iron	57-2	656	633	561	617	8.01	cps
Lead	206-1	39930	40247	39467	39882	0.98	cps
Lead	207-1	33656	33200	33979	33612	1.17	cps
Lead	208-1	154538	155746	153956	154747	0.59	cps
Lithium	6-1	1113707	1123292	1107455	1114818	0.72	cps
Magnesium	24-2	21968	22218	21692	21959	1.20	cps
Manganese	55-2	2110	2224	2187	2174	2.66	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-19 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-23-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:51:45 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	350	350	322	14.93	cps
Molybdenum	95-1	242	133	117	164	41.41	cps
Molybdenum	96-1	367	258	317	314	17.27	cps
Molybdenum	97-1	108	117	92	106	12.06	cps
Molybdenum	98-1	267	258	358	294	18.85	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	813	787	810	803	1.81	cps
Phosphorus	31-2	217	192	233	214	9.81	cps
Potassium	39-2	7903	7936	8003	7947	0.64	cps
Rhodium	103-1	5224837	5209843	5173609	5202763	0.51	cps
Rhodium	103-2	1336666	1325396	1330715	1330926	0.42	cps
Scandium	45-1	3178068	3176273	3133998	3162780	0.79	cps
Scandium	45-2	24502	24488	24074	24355	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	44	5	-86	-12	-539.10	cps
Silicon	28-1	2869672	2802349	2793023	2821682	1.48	cps
Silver	109-1	92	92	133	106	22.79	cps
Silver	107-1	50	133	117	100	44.10	cps
Sodium	23-2	501627	498543	494101	498090	0.76	cps
Strontium	86-1	41991	42710	40770	41824	2.34	cps
Strontium	88-1	367547	364914	361564	364675	0.82	cps
Sulfur	34-1	350995	347060	350404	349486	0.61	cps
Terbium	159-1	7246905	7225071	7082382	7184786	1.24	cps
Terbium	159-2	1425185	1426193	1428384	1426587	0.11	cps
Thallium	203-1	183	125	92	133	34.80	cps
Thallium	205-1	250	300	292	281	9.55	cps
Tin	118-1	1042	1058	1083	1061	1.98	cps
Titanium	47-1	358	325	300	328	8.93	cps
Uranium	238-1	175	233	250	219	17.95	cps
Vanadium	51-2	50	30	33	38	28.37	cps
Yttrium	89-1	5853556	5796843	5731338	5793913	1.06	cps
Yttrium	89-2	171785	169347	170817	170650	0.72	cps
Zinc	66-2	4441	4274	4047	4254	4.64	cps
Zirconium	90-1	625	642	542	603	8.89	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-19	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-23-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:51:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	200	108	156	29.50	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-20 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-24-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:54:55 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	108	97	9.90	cps
Antimony	121-1	433	425	408	422	3.01	cps
Arsenic	75-2	22	26	28	25	11.19	cps
Barium	135-1	22520	21560	21076	21719	3.38	cps
Barium	137-1	36611	37028	37755	37131	1.56	cps
Beryllium	9-1	50	22	67	46	48.50	cps
Bismuth	209-1	4120923	4705721	4625537	4484060	7.07	cps
Bismuth	209-2	1203971	1200179	1204644	1202931	0.20	cps
Boron	10-1	483	583	650	572	14.66	cps
Boron	11-1	2742	2842	2959	2848	3.81	cps
Cadmium	111-1	643	564	780	662	16.46	cps
Cadmium	106-1	917	800	1100	939	16.11	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	109887	104992	105688	106855	2.48	cps
Calcium	44-1	1813830	1769744	1780934	1788169	1.28	cps
Chromium	52-2	493	433	487	471	6.98	cps
Cobalt	59-2	57	43	43	48	16.12	cps
Copper	63-2	60863	61104	61602	61190	0.62	cps
Dysprosium	156-1	33	17	25	25	33.34	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	6129064	6925731	6875094	6643296	6.71	cps
Holmium	165-2	1461618	1458025	1451474	1457039	0.35	cps
Indium	115-1	4976098	5532418	5565265	5357927	6.18	cps
Indium	115-2	234562	235875	233649	234695	0.48	cps
Iron	56-2	20343	20922	20421	20562	1.53	cps
Iron	57-2	572	606	478	552	12.01	cps
Lead	206-1	3278	3384	3195	3286	2.88	cps
Lead	207-1	2761	2550	2739	2684	4.32	cps
Lead	208-1	12419	12497	12258	12392	0.98	cps
Lithium	6-1	995994	1110133	1106042	1070723	6.05	cps
Magnesium	24-2	22352	21551	21734	21879	1.92	cps
Manganese	55-2	2420	2600	2624	2548	4.37	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-20 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-24-BS Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:54:55 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	325	175	244	30.93	cps
Molybdenum	95-1	192	192	183	189	2.55	cps
Molybdenum	96-1	283	275	225	261	12.08	cps
Molybdenum	97-1	100	142	117	119	17.56	cps
Molybdenum	98-1	183	175	217	192	11.50	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	223	193	203	8.52	cps
Phosphorus	31-2	217	250	175	214	17.57	cps
Potassium	39-2	8211	8186	8028	8142	1.22	cps
Rhodium	103-1	4546501	5178593	5108942	4944679	7.01	cps
Rhodium	103-2	1333051	1326019	1319551	1326207	0.51	cps
Scandium	45-1	2799292	3130554	3135553	3021800	6.38	cps
Scandium	45-2	24258	24819	24976	24684	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-8	39	-35	-1	-2948.47	cps
Silicon	28-1	2731731	2774432	2691759	2732641	1.51	cps
Silver	109-1	133	67	67	89	43.30	cps
Silver	107-1	75	42	75	64	30.12	cps
Sodium	23-2	486981	481140	487465	485195	0.73	cps
Strontium	86-1	42543	42308	41247	42032	1.64	cps
Strontium	88-1	364667	358952	358500	360706	0.95	cps
Sulfur	34-1	350073	349367	351539	350327	0.32	cps
Terbium	159-1	6318803	7229321	7148740	6898955	7.31	cps
Terbium	159-2	1412443	1423648	1409883	1415325	0.52	cps
Thallium	203-1	100	133	108	114	15.23	cps
Thallium	205-1	242	250	283	258	8.53	cps
Tin	118-1	542	675	533	583	13.63	cps
Titanium	47-1	350	283	408	347	18.01	cps
Uranium	238-1	342	317	275	311	10.83	cps
Vanadium	51-2	60	53	77	63	18.98	cps
Yttrium	89-1	5098614	5730155	5690668	5506479	6.42	cps
Yttrium	89-2	170627	168596	168818	169347	0.66	cps
Zinc	66-2	740	847	833	807	7.21	cps
Zirconium	90-1	709	467	642	606	20.62	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-20	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-24-BS	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:54:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	92	106	12.06	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-21 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-25-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:58:05 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	133	100	30.05	cps
Antimony	121-1	1342	1267	1350	1320	3.48	cps
Arsenic	75-2	33	39	35	36	7.91	cps
Barium	135-1	20517	19607	19640	19921	2.59	cps
Barium	137-1	34939	34755	35090	34928	0.48	cps
Beryllium	9-1	44	39	28	37	22.91	cps
Bismuth	209-1	4791593	4734029	4771562	4765728	0.61	cps
Bismuth	209-2	1216336	1217402	1233154	1222298	0.77	cps
Boron	10-1	700	708	575	661	11.30	cps
Boron	11-1	2859	2967	3067	2964	3.52	cps
Cadmium	111-1	821	788	760	790	3.83	cps
Cadmium	106-1	1133	1108	1025	1089	5.21	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	107459	106333	106939	106911	0.53	cps
Calcium	44-1	1842303	1812531	1842716	1832517	0.94	cps
Chromium	52-2	583	560	587	577	2.52	cps
Cobalt	59-2	57	37	50	48	21.31	cps
Copper	63-2	197278	196447	196890	196872	0.21	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	7146919	6936779	7020416	7034705	1.50	cps
Holmium	165-2	1466596	1473492	1485127	1475072	0.63	cps
Indium	115-1	5687154	5552963	5604532	5614883	1.21	cps
Indium	115-2	236545	235405	237638	236529	0.47	cps
Iron	56-2	19219	19204	20701	19708	4.36	cps
Iron	57-2	478	500	461	480	4.07	cps
Lead	206-1	16912	16517	16900	16776	1.34	cps
Lead	207-1	13997	13969	14142	14036	0.66	cps
Lead	208-1	64492	64153	64776	64474	0.48	cps
Lithium	6-1	1153703	1121710	1139711	1138375	1.41	cps
Magnesium	24-2	21609	21367	21701	21559	0.80	cps
Manganese	55-2	2480	2524	2510	2505	0.89	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-21 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-25-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 13:58:05 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	275	267	253	12.48	cps
Molybdenum	95-1	225	142	150	172	26.65	cps
Molybdenum	96-1	175	217	200	197	10.63	cps
Molybdenum	97-1	108	67	117	97	27.55	cps
Molybdenum	98-1	350	233	267	283	21.21	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2040	2030	2027	2032	0.34	cps
Phosphorus	31-2	183	183	233	200	14.44	cps
Potassium	39-2	8028	7736	8353	8039	3.84	cps
Rhodium	103-1	5208792	5116986	5217067	5180948	1.07	cps
Rhodium	103-2	1347115	1339014	1340059	1342063	0.33	cps
Scandium	45-1	3205983	3185867	3131000	3174283	1.22	cps
Scandium	45-2	25179	24542	24208	24643	2.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	46	-71	-11	-12	-474.43	cps
Silicon	28-1	2787577	2811992	2809555	2803042	0.48	cps
Silver	109-1	50	83	33	56	45.83	cps
Silver	107-1	75	100	125	100	25.00	cps
Sodium	23-2	502121	503120	502093	502445	0.12	cps
Strontium	86-1	41606	40971	41188	41255	0.78	cps
Strontium	88-1	362821	355780	360021	359541	0.99	cps
Sulfur	34-1	358716	362081	353961	358253	1.14	cps
Terbium	159-1	7399211	7232530	7288351	7306697	1.16	cps
Terbium	159-2	1435189	1426343	1437582	1433038	0.41	cps
Thallium	203-1	133	175	100	136	27.61	cps
Thallium	205-1	325	342	292	319	7.97	cps
Tin	118-1	1225	1175	992	1131	10.87	cps
Titanium	47-1	350	994	292	545	71.49	cps
Uranium	238-1	242	217	192	217	11.54	cps
Vanadium	51-2	60	37	60	52	25.79	cps
Yttrium	89-1	5817899	5762400	5847608	5809303	0.74	cps
Yttrium	89-2	171953	172770	172000	172241	0.27	cps
Zinc	66-2	16053	15492	15329	15625	2.43	cps
Zirconium	90-1	450	342	458	417	15.62	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-21	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-25-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 13:58:05	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	67	100	30.05	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-22 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-26-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:01:15 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	192	161	16.63	cps
Antimony	121-1	1117	1192	1042	1117	6.72	cps
Arsenic	75-2	31	15	30	25	36.11	cps
Barium	135-1	23939	23288	23422	23550	1.46	cps
Barium	137-1	40939	41617	40789	41115	1.07	cps
Beryllium	9-1	33	33	17	28	34.63	cps
Bismuth	209-1	4907470	4817098	4862515	4862361	0.93	cps
Bismuth	209-2	1128198	1217119	1243522	1196280	5.05	cps
Boron	10-1	1067	967	1025	1020	4.93	cps
Boron	11-1	4759	4184	4301	4415	6.89	cps
Cadmium	111-1	624	859	756	746	15.79	cps
Cadmium	106-1	883	1183	1058	1042	14.47	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	108685	109709	109022	109138	0.48	cps
Calcium	44-1	1871276	1867336	1853090	1863901	0.51	cps
Chromium	52-2	453	550	573	526	12.11	cps
Cobalt	59-2	40	20	37	32	33.25	cps
Copper	63-2	171075	170245	168825	170048	0.67	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	92	58	58	69	27.71	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	100	83	83	89	10.82	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	7160389	7086156	7108537	7118361	0.53	cps
Holmium	165-2	1359000	1462152	1493180	1438111	4.88	cps
Indium	115-1	5689242	5727515	5814670	5743809	1.12	cps
Indium	115-2	220606	235415	240002	232008	4.37	cps
Iron	56-2	19475	19408	19774	19553	1.00	cps
Iron	57-2	489	633	472	532	16.67	cps
Lead	206-1	4584	4579	4584	4582	0.07	cps
Lead	207-1	3617	3439	3728	3595	4.05	cps
Lead	208-1	17500	17750	17555	17602	0.75	cps
Lithium	6-1	1163107	1148275	1155546	1155643	0.64	cps
Magnesium	24-2	23153	23011	23069	23078	0.31	cps
Manganese	55-2	2130	2627	2447	2401	10.47	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-22	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-26-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:01:15	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	267	158	214	25.35	cps
Molybdenum	95-1	150	192	92	144	34.78	cps
Molybdenum	96-1	333	283	217	278	21.07	cps
Molybdenum	97-1	100	117	92	103	12.38	cps
Molybdenum	98-1	267	200	267	244	15.75	cps
Neodymium	150-1	40	40	20	33	34.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	240	220	213	224	6.18	cps
Phosphorus	31-2	208	192	192	197	4.88	cps
Potassium	39-2	8211	8778	8495	8495	3.34	cps
Rhodium	103-1	5319924	5275950	5346663	5314179	0.67	cps
Rhodium	103-2	1237082	1341176	1361226	1313161	5.08	cps
Scandium	45-1	3242555	3268124	3215104	3241928	0.82	cps
Scandium	45-2	23387	24121	24986	24165	3.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	27	-73	-15	-20	-248.31	cps
Silicon	28-1	2993938	2811797	2762408	2856047	4.27	cps
Silver	109-1	92	58	142	97	43.14	cps
Silver	107-1	50	75	67	64	19.92	cps
Sodium	23-2	512921	506199	500934	506685	1.19	cps
Strontium	86-1	45058	44156	44307	44507	1.09	cps
Strontium	88-1	384527	380355	378419	381100	0.82	cps
Sulfur	34-1	358987	356110	356759	357285	0.42	cps
Terbium	159-1	7488411	7341212	7346892	7392172	1.13	cps
Terbium	159-2	1324744	1420748	1455330	1400274	4.83	cps
Thallium	203-1	83	92	117	97	17.84	cps
Thallium	205-1	292	308	242	281	12.37	cps
Tin	118-1	11989	12356	12331	12226	1.68	cps
Titanium	47-1	392	383	442	406	7.78	cps
Uranium	238-1	250	242	333	275	18.43	cps
Vanadium	51-2	97	57	60	71	31.21	cps
Yttrium	89-1	5894753	5926153	5965799	5928902	0.60	cps
Yttrium	89-2	160345	171137	173074	168185	4.08	cps
Zinc	66-2	1393	1330	1443	1389	4.09	cps
Zirconium	90-1	517	442	408	456	12.18	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-22	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-26-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:01:15	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	208	158	142	53.92	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-23	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-27-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:04:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	83	92	24.05	cps
Antimony	121-1	4668	4543	4926	4712	4.15	cps
Arsenic	75-2	31	22	31	28	18.83	cps
Barium	135-1	22311	22094	22462	22289	0.83	cps
Barium	137-1	37813	37880	36911	37535	1.44	cps
Beryllium	9-1	33	50	28	37	31.22	cps
Bismuth	209-1	4872561	4861233	4824780	4852858	0.51	cps
Bismuth	209-2	1124305	1205472	1219575	1183117	4.35	cps
Boron	10-1	650	700	758	703	7.72	cps
Boron	11-1	2850	2717	3009	2859	5.11	cps
Cadmium	111-1	808	759	731	766	5.12	cps
Cadmium	106-1	1150	1042	983	1058	7.99	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	107980	108274	107493	107916	0.37	cps
Calcium	44-1	1840907	1823209	1796994	1820370	1.21	cps
Chromium	52-2	537	513	457	502	8.19	cps
Cobalt	59-2	23	37	43	34	29.57	cps
Copper	63-2	245654	242152	243061	243622	0.75	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	83	58	50	64	27.15	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7210434	7131005	7131466	7157635	0.64	cps
Holmium	165-2	1359551	1462943	1475489	1432661	4.44	cps
Indium	115-1	5746948	5736356	5668061	5717122	0.75	cps
Indium	115-2	219597	235175	240064	231612	4.61	cps
Iron	56-2	18068	18398	17255	17907	3.28	cps
Iron	57-2	450	506	389	448	13.02	cps
Lead	206-1	13914	13758	13391	13687	1.96	cps
Lead	207-1	10927	11305	11350	11194	2.07	cps
Lead	208-1	52661	51608	52015	52095	1.02	cps
Lithium	6-1	1164768	1165502	1143685	1157985	1.07	cps
Magnesium	24-2	22168	22051	21943	22054	0.51	cps
Manganese	55-2	1800	1613	1717	1710	5.47	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-23	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-27-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:04:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	242	283	281	13.39	cps
Molybdenum	95-1	183	158	192	178	9.76	cps
Molybdenum	96-1	267	233	258	253	6.86	cps
Molybdenum	97-1	83	117	100	100	16.66	cps
Molybdenum	98-1	300	308	183	264	26.48	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1813	1740	1863	1806	3.44	cps
Phosphorus	31-2	192	183	167	181	7.05	cps
Potassium	39-2	7752	7427	7969	7716	3.54	cps
Rhodium	103-1	5314445	5273721	5279673	5289280	0.42	cps
Rhodium	103-2	1233691	1332799	1353013	1306501	4.89	cps
Scandium	45-1	3240828	3244161	3197686	3227558	0.80	cps
Scandium	45-2	22649	24718	25213	24193	5.62	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-44	-3	34	-5	-855.29	cps
Silicon	28-1	2888324	2871353	2889152	2882943	0.35	cps
Silver	109-1	58	125	100	94	35.66	cps
Silver	107-1	108	117	133	119	10.66	cps
Sodium	23-2	517793	504238	507789	509940	1.38	cps
Strontium	86-1	43161	41924	43169	42751	1.68	cps
Strontium	88-1	370310	367558	366648	368172	0.52	cps
Sulfur	34-1	355465	354069	356488	355340	0.34	cps
Terbium	159-1	7474979	7310196	7437317	7407497	1.17	cps
Terbium	159-2	1343518	1420954	1450627	1405033	3.94	cps
Thallium	203-1	150	167	117	144	17.63	cps
Thallium	205-1	275	233	308	272	13.80	cps
Tin	118-1	767	1075	892	911	17.02	cps
Titanium	47-1	200	425	292	306	37.03	cps
Uranium	238-1	133	175	208	172	21.82	cps
Vanadium	51-2	33	47	43	41	16.89	cps
Yttrium	89-1	5938447	5884857	5870057	5897787	0.61	cps
Yttrium	89-2	158419	171363	173817	167866	4.93	cps
Zinc	66-2	22468	22682	22378	22510	0.69	cps
Zirconium	90-1	533	617	467	539	13.95	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-23	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-27-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:04:25	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	167	117	144	17.63	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-24 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-28-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:07:35 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	75	83	10.00	cps
Antimony	121-1	883	1008	967	953	6.68	cps
Arsenic	75-2	41	28	20	30	34.80	cps
Barium	135-1	21009	20216	21051	20759	2.27	cps
Barium	137-1	36334	36401	37563	36766	1.88	cps
Beryllium	9-1	39	11	33	28	52.92	cps
Bismuth	209-1	4534691	4790489	4702682	4675954	2.78	cps
Bismuth	209-2	1217179	1218155	1214400	1216578	0.16	cps
Boron	10-1	608	608	550	589	5.72	cps
Boron	11-1	2659	2642	2925	2742	5.80	cps
Cadmium	111-1	642	768	784	732	10.64	cps
Cadmium	106-1	900	1100	1108	1036	11.38	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	107249	105579	105143	105990	1.05	cps
Calcium	44-1	1804505	1793520	1805886	1801304	0.38	cps
Chromium	52-2	510	447	570	509	12.12	cps
Cobalt	59-2	33	47	17	32	46.65	cps
Copper	63-2	185375	184767	184308	184816	0.29	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	6690195	6960223	6870173	6840197	2.01	cps
Holmium	165-2	1469218	1472308	1464079	1468535	0.28	cps
Indium	115-1	5329419	5562729	5657128	5516425	3.06	cps
Indium	115-2	237699	236629	234398	236242	0.71	cps
Iron	56-2	17489	17523	18346	17786	2.73	cps
Iron	57-2	456	511	456	474	6.76	cps
Lead	206-1	2284	2178	2050	2171	5.38	cps
Lead	207-1	1872	1995	2067	1978	4.97	cps
Lead	208-1	8818	8729	8696	8748	0.72	cps
Lithium	6-1	1074602	1137243	1112229	1108025	2.85	cps
Magnesium	24-2	21734	21951	21308	21665	1.51	cps
Manganese	55-2	1547	1713	1513	1591	6.73	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-24 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-28-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:07:35 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	200	225	242	21.54	cps
Molybdenum	95-1	167	192	100	153	31.02	cps
Molybdenum	96-1	142	158	183	161	13.02	cps
Molybdenum	97-1	75	133	108	106	27.73	cps
Molybdenum	98-1	200	258	233	231	12.69	cps
Neodymium	150-1	33	20	7	20	66.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	230	240	233	234	2.17	cps
Phosphorus	31-2	258	217	250	242	9.12	cps
Potassium	39-2	7903	8186	8294	8128	2.49	cps
Rhodium	103-1	4909212	5190243	5112254	5070570	2.86	cps
Rhodium	103-2	1346935	1339501	1324209	1336881	0.87	cps
Scandium	45-1	2982866	3213086	3166095	3120682	3.90	cps
Scandium	45-2	24849	24792	24121	24587	1.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-16	17	20	7	285.81	cps
Silicon	28-1	2764077	2716411	2662550	2714346	1.87	cps
Silver	109-1	42	75	92	69	36.66	cps
Silver	107-1	33	75	92	67	45.07	cps
Sodium	23-2	496656	493263	492372	494097	0.46	cps
Strontium	86-1	43946	42551	41389	42629	3.00	cps
Strontium	88-1	368224	361208	361681	363704	1.08	cps
Sulfur	34-1	355564	357986	354957	356169	0.45	cps
Terbium	159-1	6906995	7296449	7140641	7114695	2.76	cps
Terbium	159-2	1436523	1433704	1428862	1433030	0.27	cps
Thallium	203-1	133	133	108	125	11.55	cps
Thallium	205-1	233	233	275	247	9.73	cps
Tin	118-1	725	692	567	661	12.63	cps
Titanium	47-1	425	392	442	419	6.07	cps
Uranium	238-1	292	125	183	200	42.29	cps
Vanadium	51-2	67	63	67	66	2.94	cps
Yttrium	89-1	5532902	5761863	5777269	5690678	2.40	cps
Yttrium	89-2	170816	172267	170354	171146	0.58	cps
Zinc	66-2	1857	2037	1763	1886	7.37	cps
Zirconium	90-1	367	600	342	436	32.67	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-24	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-28-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:07:35	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	117	94	22.21	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-25 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-29-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:10:45 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	50	75	75	67	21.65	cps
Arsenic	75-2	6	9	6	7	31.45	cps
Barium	135-1	2084	2434	2334	2284	7.90	cps
Barium	137-1	3726	3817	3967	3837	3.18	cps
Beryllium	9-1	22	39	28	30	28.65	cps
Bismuth	209-1	4453438	4795511	4819829	4689593	4.37	cps
Bismuth	209-2	1238592	1237768	1237232	1237864	0.06	cps
Boron	10-1	450	417	483	450	7.41	cps
Boron	11-1	2217	2234	2084	2178	3.78	cps
Cadmium	111-1	553	624	830	669	21.58	cps
Cadmium	106-1	800	883	1175	953	20.67	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	68685	68434	67629	68250	0.81	cps
Calcium	44-1	1123721	1113119	1108908	1115249	0.68	cps
Chromium	52-2	583	420	483	496	16.62	cps
Cobalt	59-2	20	27	10	19	44.42	cps
Copper	63-2	160	143	140	148	7.25	cps
Dysprosium	156-1	125	83	75	94	28.37	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	92	75	133	100	30.05	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	6593592	7081651	7006847	6894030	3.81	cps
Holmium	165-2	1496212	1483866	1482986	1487688	0.50	cps
Indium	115-1	5288030	5729130	5730720	5582627	4.57	cps
Indium	115-2	241601	238875	238826	239767	0.66	cps
Iron	56-2	2217	2139	2178	2178	1.79	cps
Iron	57-2	44	78	39	54	39.16	cps
Lead	206-1	344	378	356	359	4.72	cps
Lead	207-1	311	383	311	335	12.44	cps
Lead	208-1	1550	1456	1522	1509	3.22	cps
Lithium	6-1	1059280	1146967	1130658	1112302	4.19	cps
Magnesium	24-2	16277	15884	16160	16107	1.25	cps
Manganese	55-2	73	43	93	70	35.96	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-25	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-29-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:10:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	875	608	736	18.16	cps
Molybdenum	95-1	1367	1150	1067	1195	12.97	cps
Molybdenum	96-1	1325	1033	1192	1183	12.34	cps
Molybdenum	97-1	767	725	808	767	5.43	cps
Molybdenum	98-1	1992	1609	1550	1717	13.98	cps
Neodymium	150-1	140	87	100	109	25.49	cps
Neodymium	150-2	33	13	27	24	41.66	cps
Nickel	60-2	103	177	130	137	27.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8995	8728	8670	8798	1.97	cps
Rhodium	103-1	4869802	5335107	5289599	5164836	4.97	cps
Rhodium	103-2	1363529	1346531	1341526	1350528	0.85	cps
Scandium	45-1	2983192	3218316	3199618	3133709	4.17	cps
Scandium	45-2	24195	24725	23964	24295	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	2	-38	13	-8	-344.46	cps
Silicon	28-1	13743466	13654288	13432991	13610248	1.17	cps
Silver	109-1	17	58	33	36	58.08	cps
Silver	107-1	83	58	0	47	90.56	cps
Sodium	23-2	191048	187925	191819	190264	1.08	cps
Strontium	86-1	74110	74135	73004	73750	0.88	cps
Strontium	88-1	647591	637954	641515	642353	0.76	cps
Sulfur	34-1	332852	333245	328888	331662	0.73	cps
Terbium	159-1	6858850	7268392	7292329	7139857	3.41	cps
Terbium	159-2	1447378	1448422	1440253	1445351	0.31	cps
Thallium	203-1	142	117	125	128	9.96	cps
Thallium	205-1	233	367	217	272	30.20	cps
Tin	118-1	467	633	900	667	32.79	cps
Titanium	47-1	250	242	225	239	5.33	cps
Uranium	238-1	7036	7536	6627	7066	6.44	cps
Vanadium	51-2	47	90	90	76	33.11	cps
Yttrium	89-1	5461390	5805407	5847579	5704792	3.71	cps
Yttrium	89-2	173159	171632	171157	171983	0.61	cps
Zinc	66-2	50	43	57	50	13.34	cps
Zirconium	90-1	358	358	258	325	17.76	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-25	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-29-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:10:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	125	86	40.29	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-26 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-30-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:13:55 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.74	cps
Antimony	121-1	25	75	42	47	53.91	cps
Arsenic	75-2	15	11	2	9	72.12	cps
Barium	135-1	2325	2225	2042	2198	6.54	cps
Barium	137-1	3867	4067	4017	3984	2.61	cps
Beryllium	9-1	11	39	39	30	54.13	cps
Bismuth	209-1	4771312	4801318	4766824	4779818	0.39	cps
Bismuth	209-2	1226811	1228760	1227367	1227646	0.08	cps
Boron	10-1	383	383	442	403	8.36	cps
Boron	11-1	1800	2092	2292	2061	12.00	cps
Cadmium	111-1	698	738	687	708	3.82	cps
Cadmium	106-1	1000	1025	950	992	3.85	cps
Cadmium	108-1	21	0	4	8	132.26	cps
Calcium	43-1	66961	67346	66743	67016	0.46	cps
Calcium	44-1	1102169	1092512	1096952	1097211	0.44	cps
Chromium	52-2	483	587	503	524	10.45	cps
Cobalt	59-2	30	30	13	24	39.37	cps
Copper	63-2	160	150	200	170	15.57	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	33	8	33	75.02	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	7021600	6984861	6926038	6977500	0.69	cps
Holmium	165-2	1488214	1474764	1477594	1480190	0.48	cps
Indium	115-1	5649597	5717551	5587565	5651571	1.15	cps
Indium	115-2	236284	238963	237821	237689	0.57	cps
Iron	56-2	2078	2006	2161	2082	3.74	cps
Iron	57-2	61	67	33	54	33.26	cps
Lead	206-1	444	311	428	394	18.42	cps
Lead	207-1	400	328	306	344	14.34	cps
Lead	208-1	1589	1411	1556	1519	6.22	cps
Lithium	6-1	1107492	1103167	1107257	1105972	0.22	cps
Magnesium	24-2	15976	16026	15918	15973	0.34	cps
Manganese	55-2	80	93	67	80	16.67	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-26 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-30-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:13:55 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	625	725	733	15.37	cps
Molybdenum	95-1	883	992	1142	1006	12.90	cps
Molybdenum	96-1	1242	1208	1117	1189	5.44	cps
Molybdenum	97-1	708	708	708	708	0.00	cps
Molybdenum	98-1	1725	1742	1875	1781	4.62	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	10	0	17	9	94.38	cps
Nickel	60-2	57	53	77	62	20.29	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8795	8937	8578	8770	2.06	cps
Rhodium	103-1	5246488	5203303	5135198	5194996	1.08	cps
Rhodium	103-2	1346898	1352006	1342294	1347066	0.36	cps
Scandium	45-1	3152559	3175311	3156141	3161337	0.39	cps
Scandium	45-2	24401	23760	23964	24042	1.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	-15	28	2	5	427.60	cps
Silicon	28-1	13421667	13236152	13251990	13303270	0.77	cps
Silver	109-1	42	33	25	33	25.01	cps
Silver	107-1	67	33	67	56	34.65	cps
Sodium	23-2	186844	187157	187695	187232	0.23	cps
Strontium	86-1	71981	73832	71940	72585	1.49	cps
Strontium	88-1	630443	630842	622885	628057	0.71	cps
Sulfur	34-1	328998	325392	326341	326910	0.57	cps
Terbium	159-1	7301089	7284166	7191800	7259018	0.81	cps
Terbium	159-2	1441717	1439379	1440145	1440414	0.08	cps
Thallium	203-1	92	75	67	78	16.37	cps
Thallium	205-1	183	175	217	192	11.50	cps
Tin	118-1	725	625	617	656	9.20	cps
Titanium	47-1	200	208	308	239	25.24	cps
Uranium	238-1	6994	7195	7252	7147	1.90	cps
Vanadium	51-2	80	60	70	70	14.29	cps
Yttrium	89-1	5880043	5866138	5821808	5855997	0.52	cps
Yttrium	89-2	171224	170974	171728	171309	0.22	cps
Zinc	66-2	37	57	47	47	21.43	cps
Zirconium	90-1	267	250	308	275	10.92	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-26	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-30-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:13:55	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	67	86	24.35	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-27 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-32-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:17:06 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	67	69	6.93	cps
Antimony	121-1	758	542	733	678	17.49	cps
Arsenic	75-2	22	35	30	29	22.43	cps
Barium	135-1	20533	20492	20433	20486	0.25	cps
Barium	137-1	34647	36326	35925	35633	2.46	cps
Beryllium	9-1	39	33	33	35	9.12	cps
Bismuth	209-1	4506894	4494070	4490734	4497233	0.19	cps
Bismuth	209-2	1150177	1089481	1144727	1128129	2.98	cps
Boron	10-1	625	525	583	578	8.69	cps
Boron	11-1	2292	2650	2767	2570	9.63	cps
Cadmium	111-1	710	723	728	721	1.28	cps
Cadmium	106-1	992	992	1033	1006	2.39	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	99334	96834	98141	98103	1.27	cps
Calcium	44-1	1664908	1627293	1634722	1642308	1.21	cps
Chromium	52-2	520	497	563	527	6.42	cps
Cobalt	59-2	20	50	43	38	41.70	cps
Copper	63-2	178985	179506	178368	178953	0.32	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	25	50	75	50	50.00	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	58	117	50	75	48.43	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6616071	6629355	6600233	6615220	0.22	cps
Holmium	165-2	1388428	1318305	1388016	1364916	2.96	cps
Indium	115-1	5390714	5373456	5326593	5363588	0.62	cps
Indium	115-2	227386	212906	223657	221316	3.40	cps
Iron	56-2	16205	16305	16082	16197	0.69	cps
Iron	57-2	522	461	444	476	8.60	cps
Lead	206-1	5818	5924	5751	5831	1.49	cps
Lead	207-1	4757	4962	5212	4977	4.59	cps
Lead	208-1	22687	22736	22614	22679	0.27	cps
Lithium	6-1	1059946	1049302	1051712	1053654	0.53	cps
Magnesium	24-2	21000	21083	20073	20719	2.71	cps
Manganese	55-2	2637	2440	2497	2525	4.01	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-27 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-32-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:17:06 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	300	233	264	12.76	cps
Molybdenum	95-1	108	125	125	119	8.06	cps
Molybdenum	96-1	225	158	250	211	22.45	cps
Molybdenum	97-1	58	42	100	67	45.07	cps
Molybdenum	98-1	275	167	133	192	38.64	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	420	387	420	409	4.71	cps
Phosphorus	31-2	175	142	242	186	27.36	cps
Potassium	39-2	7794	8028	6894	7572	7.91	cps
Rhodium	103-1	4931146	4946372	4867142	4914887	0.86	cps
Rhodium	103-2	1272670	1186984	1258744	1239466	3.71	cps
Scandium	45-1	3022624	3029951	3002741	3018438	0.47	cps
Scandium	45-2	22946	22001	22942	22630	2.41	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	-67	58	-57	-22	-315.65	cps
Silicon	28-1	2551412	2552837	2581881	2562043	0.67	cps
Silver	109-1	100	58	100	86	27.94	cps
Silver	107-1	117	92	67	92	27.27	cps
Sodium	23-2	454311	454968	450102	453127	0.58	cps
Strontium	86-1	39776	38765	39190	39244	1.29	cps
Strontium	88-1	336804	334412	337425	336214	0.47	cps
Sulfur	34-1	348098	352288	351678	350688	0.65	cps
Terbium	159-1	6823757	6786996	6843510	6818088	0.42	cps
Terbium	159-2	1358689	1277710	1338487	1324962	3.18	cps
Thallium	203-1	117	92	117	108	13.32	cps
Thallium	205-1	183	167	175	175	4.76	cps
Tin	118-1	917	725	708	783	14.78	cps
Titanium	47-1	317	383	333	344	10.07	cps
Uranium	238-1	233	233	133	200	28.87	cps
Vanadium	51-2	27	70	50	49	44.36	cps
Yttrium	89-1	5543048	5467158	5464393	5491533	0.81	cps
Yttrium	89-2	163946	154055	160932	159644	3.18	cps
Zinc	66-2	4881	4798	4731	4803	1.57	cps
Zirconium	90-1	483	492	500	492	1.70	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-27	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-32-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:17:06	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	83	75	86	14.78	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	33	14	124.91	cps
Antimony	121-1	42	17	67	42	60.00	cps
Arsenic	75-2	9	2	4	5	78.12	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	33	67	33	44	43.31	cps
Beryllium	9-1	28	17	33	26	32.72	cps
Bismuth	209-1	4384510	4400837	4356512	4380620	0.51	cps
Bismuth	209-2	1140986	1126377	1139083	1135482	0.70	cps
Boron	10-1	250	192	150	197	25.47	cps
Boron	11-1	808	775	700	761	7.29	cps
Cadmium	111-1	601	690	669	653	7.14	cps
Cadmium	106-1	867	958	967	931	5.96	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	1175	1117	1050	1114	5.62	cps
Calcium	44-1	12773	12915	13582	13090	3.30	cps
Chromium	52-2	427	427	390	414	5.11	cps
Cobalt	59-2	27	37	37	33	17.32	cps
Copper	63-2	67	110	90	89	24.40	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	58	25	44	39.04	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	6472349	6430383	6473500	6458744	0.38	cps
Holmium	165-2	1377388	1360525	1371752	1369888	0.63	cps
Indium	115-1	5161474	5249220	5187950	5199548	0.87	cps
Indium	115-2	221552	219889	222003	221148	0.50	cps
Iron	56-2	867	889	895	883	1.66	cps
Iron	57-2	39	11	17	22	66.14	cps
Lead	206-1	2208883	2189132	2204572	2200862	0.47	cps
Lead	207-1	2000230	1977939	2010107	1996092	0.83	cps
Lead	208-1	9001663	8929669	8953371	8961568	0.41	cps
Lithium	6-1	1035489	1005533	1041378	1027467	1.87	cps
Magnesium	24-2	108	92	92	97	9.90	cps
Manganese	55-2	13	20	17	17	20.01	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	100	133	125	17.64	cps
Molybdenum	95-1	33	25	42	33	25.01	cps
Molybdenum	96-1	100	83	125	103	20.41	cps
Molybdenum	97-1	50	42	25	39	32.73	cps
Molybdenum	98-1	17	42	75	44	65.84	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	67	47	63	24.12	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2142	2192	1967	2100	5.63	cps
Rhodium	103-1	4853977	4818427	4743308	4805237	1.18	cps
Rhodium	103-2	1261572	1242913	1254606	1253030	0.75	cps
Scandium	45-1	2917941	2922648	2886634	2909074	0.67	cps
Scandium	45-2	23006	22478	22685	22723	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-20	-57	-27	-35	-56.21	cps
Silicon	28-1	355229	352807	354310	354115	0.35	cps
Silver	109-1	25	67	17	36	74.18	cps
Silver	107-1	50	42	42	44	10.82	cps
Sodium	23-2	4251	4468	4551	4423	3.50	cps
Strontium	86-1	467	433	567	489	14.19	cps
Strontium	88-1	100	117	125	114	11.18	cps
Sulfur	34-1	331438	329903	328625	329989	0.43	cps
Terbium	159-1	6678064	6627459	6674650	6660058	0.42	cps
Terbium	159-2	1334667	1329848	1341761	1335425	0.45	cps
Thallium	203-1	75	75	142	97	39.60	cps
Thallium	205-1	200	342	367	303	29.69	cps
Tin	118-1	450	433	467	450	3.70	cps
Titanium	47-1	150	167	100	139	24.98	cps
Uranium	238-1	33	25	42	33	25.01	cps
Vanadium	51-2	0	10	3	4	114.60	cps
Yttrium	89-1	5341121	5351992	5347188	5346767	0.10	cps
Yttrium	89-2	161242	158383	160631	160085	0.94	cps
Zinc	66-2	60	47	43	50	17.64	cps
Zirconium	90-1	250	333	267	283	15.56	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:20:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	58	33	36	58.08	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:23:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	17	11	86.60	cps
Antimony	121-1	25	42	17	28	45.82	cps
Arsenic	75-2	2	7	7	6	57.77	cps
Barium	135-1	17	0	33	17	99.99	cps
Barium	137-1	8	42	17	22	78.07	cps
Beryllium	9-1	0	44	22	22	100.01	cps
Bismuth	209-1	4379761	4346918	4349720	4358799	0.42	cps
Bismuth	209-2	1142010	1137342	1140035	1139796	0.21	cps
Boron	10-1	133	175	125	144	18.54	cps
Boron	11-1	567	600	592	586	2.96	cps
Cadmium	111-1	598	648	571	605	6.43	cps
Cadmium	106-1	850	925	800	858	7.33	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	967	1017	1008	997	2.69	cps
Calcium	44-1	12231	11956	12957	12381	4.18	cps
Chromium	52-2	570	507	610	562	9.27	cps
Cobalt	59-2	17	23	27	22	22.91	cps
Copper	63-2	70	63	70	68	5.68	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	25	33	25.00	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6441990	6460151	6410895	6437679	0.39	cps
Holmium	165-2	1377398	1376122	1375833	1376451	0.06	cps
Indium	115-1	5187306	5192223	5108623	5162717	0.91	cps
Indium	115-2	219826	222624	221379	221276	0.63	cps
Iron	56-2	828	1017	989	945	10.80	cps
Iron	57-2	22	6	50	26	86.59	cps
Lead	206-1	428	439	411	426	3.28	cps
Lead	207-1	306	267	406	326	21.98	cps
Lead	208-1	1583	1706	1650	1646	3.72	cps
Lithium	6-1	1020363	1027186	1028905	1025485	0.44	cps
Magnesium	24-2	25	58	100	61	61.49	cps
Manganese	55-2	13	20	30	21	39.75	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:23:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	100	108	128	32.17	cps
Molybdenum	95-1	33	17	17	22	43.28	cps
Molybdenum	96-1	42	108	42	64	60.24	cps
Molybdenum	97-1	33	42	8	28	62.46	cps
Molybdenum	98-1	8	50	17	25	88.19	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	73	53	56	30.20	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2059	1659	1967	1895	11.06	cps
Rhodium	103-1	4806955	4840623	4706674	4784751	1.46	cps
Rhodium	103-2	1251169	1253541	1254718	1253142	0.14	cps
Scandium	45-1	2890473	2885672	2935506	2903884	0.95	cps
Scandium	45-2	23039	22518	22815	22791	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-12	15	8	4	369.04	cps
Silicon	28-1	353362	349013	346303	349559	1.02	cps
Silver	109-1	67	58	17	47	56.72	cps
Silver	107-1	17	33	75	42	72.11	cps
Sodium	23-2	4401	4476	4584	4487	2.06	cps
Strontium	86-1	475	450	458	461	2.76	cps
Strontium	88-1	67	67	83	72	13.33	cps
Sulfur	34-1	329406	329371	327993	328923	0.24	cps
Terbium	159-1	6617669	6679507	6643059	6646745	0.47	cps
Terbium	159-2	1345178	1334913	1331582	1337224	0.53	cps
Thallium	203-1	92	108	100	100	8.33	cps
Thallium	205-1	175	192	158	175	9.53	cps
Tin	118-1	408	442	317	389	16.65	cps
Titanium	47-1	125	142	150	139	9.16	cps
Uranium	238-1	33	25	58	39	44.61	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	5312685	5385839	5268235	5322253	1.12	cps
Yttrium	89-2	162062	159600	159738	160467	0.86	cps
Zinc	66-2	33	20	57	37	50.62	cps
Zirconium	90-1	275	292	275	281	3.43	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:23:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	83	78	22.30	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-28 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-33-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:26:35 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	75	64	19.93	cps
Antimony	121-1	733	808	667	736	9.63	cps
Arsenic	75-2	26	26	31	28	11.53	cps
Barium	135-1	23889	22996	23614	23499	1.95	cps
Barium	137-1	41382	41173	40973	41176	0.50	cps
Beryllium	9-1	28	39	28	31	20.37	cps
Bismuth	209-1	4919106	4892722	4788814	4866881	1.42	cps
Bismuth	209-2	1250493	1252032	1261283	1254603	0.47	cps
Boron	10-1	533	517	400	483	15.03	cps
Boron	11-1	2875	2825	2600	2767	5.30	cps
Cadmium	111-1	764	603	709	692	11.79	cps
Cadmium	106-1	1092	858	992	981	11.94	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	107987	107954	108577	108173	0.32	cps
Calcium	44-1	1836092	1869003	1830518	1845205	1.13	cps
Chromium	52-2	537	480	570	529	8.60	cps
Cobalt	59-2	27	27	33	29	13.31	cps
Copper	63-2	141201	141027	140848	141025	0.13	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	42	17	67	42	60.00	cps
Gadolinium	160-2	0	17	7	8	107.84	cps
Holmium	165-1	7349607	7198542	7139675	7229275	1.50	cps
Holmium	165-2	1516225	1518087	1513911	1516074	0.14	cps
Indium	115-1	5922866	5760745	5754286	5812632	1.64	cps
Indium	115-2	243543	244612	245525	244560	0.41	cps
Iron	56-2	15454	15554	15426	15478	0.44	cps
Iron	57-2	400	356	394	383	6.32	cps
Lead	206-1	2989	2828	2873	2897	2.87	cps
Lead	207-1	2511	2373	2584	2489	4.31	cps
Lead	208-1	11386	11375	11230	11330	0.77	cps
Lithium	6-1	1153092	1120123	1133374	1135530	1.46	cps
Magnesium	24-2	23203	22978	23378	23186	0.87	cps
Manganese	55-2	2187	2227	2034	2149	4.75	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-28 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-33-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:26:35 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	208	217	222	7.81	cps
Molybdenum	95-1	142	125	217	161	30.31	cps
Molybdenum	96-1	250	208	258	239	11.21	cps
Molybdenum	97-1	75	108	125	103	24.77	cps
Molybdenum	98-1	200	250	233	228	11.18	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	197	157	174	11.68	cps
Phosphorus	31-2	192	233	267	231	16.30	cps
Potassium	39-2	8019	8470	8194	8228	2.76	cps
Rhodium	103-1	5386641	5376546	5306117	5356435	0.82	cps
Rhodium	103-2	1372384	1374612	1377163	1374719	0.17	cps
Scandium	45-1	3291409	3250053	3217930	3253131	1.13	cps
Scandium	45-2	24869	24882	25330	25027	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	37	-7	-78	-16	-360.45	cps
Silicon	28-1	2800187	2796331	2769413	2788643	0.60	cps
Silver	109-1	92	33	58	61	47.89	cps
Silver	107-1	75	67	67	69	6.93	cps
Sodium	23-2	502500	504084	503087	503224	0.16	cps
Strontium	86-1	42969	43930	42041	42980	2.20	cps
Strontium	88-1	379079	373453	374906	375813	0.78	cps
Sulfur	34-1	361169	362025	365606	362934	0.65	cps
Terbium	159-1	7612531	7475608	7333547	7473895	1.87	cps
Terbium	159-2	1475156	1476250	1481714	1477707	0.24	cps
Thallium	203-1	183	117	125	142	25.64	cps
Thallium	205-1	250	267	200	239	14.52	cps
Tin	118-1	783	625	492	633	23.05	cps
Titanium	47-1	392	225	283	300	28.19	cps
Uranium	238-1	183	167	233	194	17.84	cps
Vanadium	51-2	90	30	40	53	60.27	cps
Yttrium	89-1	5969459	6025217	5912070	5968915	0.95	cps
Yttrium	89-2	177021	175913	177686	176873	0.51	cps
Zinc	66-2	887	853	900	880	2.73	cps
Zirconium	90-1	625	567	475	556	13.61	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-28	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-33-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:26:35	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	100	133	108	20.35	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-29 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-34-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:29:44 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	83	83	10.00	cps
Antimony	121-1	592	808	717	706	15.42	cps
Arsenic	75-2	44	33	35	38	15.80	cps
Barium	135-1	22562	22729	22270	22520	1.03	cps
Barium	137-1	38749	39443	39151	39114	0.89	cps
Beryllium	9-1	28	39	39	35	18.23	cps
Bismuth	209-1	4922003	4855260	4849656	4875640	0.83	cps
Bismuth	209-2	1254487	1251784	1254031	1253434	0.12	cps
Boron	10-1	667	417	633	572	23.72	cps
Boron	11-1	2725	2875	2567	2723	5.66	cps
Cadmium	111-1	807	698	758	754	7.22	cps
Cadmium	106-1	1142	958	1067	1056	8.73	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	111473	110113	112053	111213	0.90	cps
Calcium	44-1	1861817	1871491	1876067	1869792	0.39	cps
Chromium	52-2	507	517	467	497	5.33	cps
Cobalt	59-2	823	810	890	841	5.10	cps
Copper	63-2	204186	202624	201755	202855	0.61	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	17	58	39	53.93	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7204516	7130874	7167546	7167645	0.51	cps
Holmium	165-2	1516414	1511197	1512118	1513243	0.18	cps
Indium	115-1	5810043	5788918	5693604	5764189	1.08	cps
Indium	115-2	243366	241824	242065	242418	0.34	cps
Iron	56-2	18774	18385	18848	18669	1.33	cps
Iron	57-2	411	400	461	424	7.68	cps
Lead	206-1	15415	15015	14993	15141	1.57	cps
Lead	207-1	12534	12545	12696	12592	0.72	cps
Lead	208-1	58983	58281	57562	58276	1.22	cps
Lithium	6-1	1159341	1134983	1142569	1145631	1.09	cps
Magnesium	24-2	23528	21692	22594	22605	4.06	cps
Manganese	55-2	2574	2250	2577	2467	7.61	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-29 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-34-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:29:44 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	300	225	253	16.26	cps
Molybdenum	95-1	208	142	133	161	25.52	cps
Molybdenum	96-1	225	250	242	239	5.33	cps
Molybdenum	97-1	108	108	133	117	12.37	cps
Molybdenum	98-1	267	225	242	244	8.58	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1977	1863	1900	1914	3.02	cps
Phosphorus	31-2	292	167	300	253	29.55	cps
Potassium	39-2	8520	8061	7844	8142	4.24	cps
Rhodium	103-1	5330807	5330312	5345769	5335629	0.16	cps
Rhodium	103-2	1373314	1370011	1372239	1371854	0.12	cps
Scandium	45-1	3271860	3284675	3268760	3275098	0.26	cps
Scandium	45-2	25143	24435	25437	25005	2.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-58	6	14	-13	-302.57	cps
Silicon	28-1	2785324	2787309	2767604	2780079	0.39	cps
Silver	109-1	92	100	75	89	14.33	cps
Silver	107-1	150	133	83	122	28.39	cps
Sodium	23-2	511601	505017	507002	507873	0.67	cps
Strontium	86-1	43270	43178	42969	43139	0.36	cps
Strontium	88-1	378204	372986	372221	374470	0.87	cps
Sulfur	34-1	363945	364157	362501	363534	0.25	cps
Terbium	159-1	7551691	7443562	7505887	7500380	0.72	cps
Terbium	159-2	1487065	1472895	1476680	1478880	0.50	cps
Thallium	203-1	133	150	108	131	16.06	cps
Thallium	205-1	383	350	300	344	12.18	cps
Tin	118-1	533	667	633	611	11.35	cps
Titanium	47-1	200	333	442	325	37.25	cps
Uranium	238-1	175	142	225	181	23.23	cps
Vanadium	51-2	30	43	33	36	19.51	cps
Yttrium	89-1	5927596	5891958	5975625	5931726	0.71	cps
Yttrium	89-2	177682	174869	178790	177114	1.14	cps
Zinc	66-2	6235	6118	6241	6198	1.12	cps
Zirconium	90-1	525	442	408	458	13.11	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-29	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-34-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:29:44	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	108	114	8.45	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-30	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-35-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:32:54	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	75	61	28.38	cps
Antimony	121-1	542	608	683	611	11.60	cps
Arsenic	75-2	31	22	33	29	20.52	cps
Barium	135-1	22720	22036	22954	22570	2.11	cps
Barium	137-1	39753	37964	39143	38953	2.33	cps
Beryllium	9-1	39	33	17	30	39.02	cps
Bismuth	209-1	4910213	5066235	4880777	4952408	2.01	cps
Bismuth	209-2	1243533	1249448	1249274	1247418	0.27	cps
Boron	10-1	558	483	567	536	8.56	cps
Boron	11-1	2459	2675	2592	2575	4.24	cps
Cadmium	111-1	764	706	725	732	4.03	cps
Cadmium	106-1	1092	1008	1017	1039	4.42	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	110635	108845	109012	109497	0.90	cps
Calcium	44-1	1864471	1844944	1828600	1846005	0.97	cps
Chromium	52-2	450	467	443	453	2.65	cps
Cobalt	59-2	53	57	70	60	14.70	cps
Copper	63-2	204061	200757	205492	203437	1.19	cps
Dysprosium	156-1	8	58	8	25	115.49	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	3	17	0	7	132.33	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	0	7	17	8	107.84	cps
Holmium	165-1	7375616	7499707	7191243	7355522	2.11	cps
Holmium	165-2	1504011	1500293	1501877	1502060	0.12	cps
Indium	115-1	5873671	6034880	5669014	5859188	3.13	cps
Indium	115-2	241271	240112	242389	241257	0.47	cps
Iron	56-2	17901	17929	17728	17853	0.61	cps
Iron	57-2	428	494	428	450	8.55	cps
Lead	206-1	1745	1750	1906	1800	5.08	cps
Lead	207-1	1495	1550	1650	1565	5.04	cps
Lead	208-1	7018	7340	7301	7220	2.44	cps
Lithium	6-1	1150176	1194765	1136060	1160334	2.64	cps
Magnesium	24-2	22552	23228	22318	22699	2.08	cps
Manganese	55-2	2050	2107	2160	2106	2.61	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-30 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-35-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:32:54 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	275	283	311	17.84	cps
Molybdenum	95-1	150	150	158	153	3.15	cps
Molybdenum	96-1	208	267	125	200	35.60	cps
Molybdenum	97-1	92	117	125	111	15.61	cps
Molybdenum	98-1	192	325	158	225	39.20	cps
Neodymium	150-1	20	47	27	31	44.61	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	243	210	203	219	9.79	cps
Phosphorus	31-2	192	183	225	200	11.02	cps
Potassium	39-2	8219	7886	8336	8147	2.87	cps
Rhodium	103-1	5416608	5524186	5311953	5417582	1.96	cps
Rhodium	103-2	1372841	1374374	1368640	1371951	0.22	cps
Scandium	45-1	3296605	3355062	3211291	3287653	2.20	cps
Scandium	45-2	24295	24732	25166	24731	1.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-19	29	-6	1	2068.47	cps
Silicon	28-1	2816238	2791909	2785878	2798008	0.57	cps
Silver	109-1	92	58	142	97	43.14	cps
Silver	107-1	92	67	83	81	15.80	cps
Sodium	23-2	505556	496189	499081	500275	0.96	cps
Strontium	86-1	43821	42292	42592	42902	1.89	cps
Strontium	88-1	380541	372490	372002	375011	1.28	cps
Sulfur	34-1	368353	364681	364813	365949	0.57	cps
Terbium	159-1	7596475	7660925	7397921	7551774	1.82	cps
Terbium	159-2	1457004	1463908	1464718	1461877	0.29	cps
Thallium	203-1	67	83	67	72	13.33	cps
Thallium	205-1	283	333	325	314	8.53	cps
Tin	118-1	742	667	558	656	14.06	cps
Titanium	47-1	358	425	400	394	8.54	cps
Uranium	238-1	192	150	133	158	18.98	cps
Vanadium	51-2	70	70	50	63	18.23	cps
Yttrium	89-1	6048590	6163061	5961373	6057674	1.67	cps
Yttrium	89-2	175036	173692	175423	174717	0.52	cps
Zinc	66-2	523	590	600	571	7.30	cps
Zirconium	90-1	667	458	442	522	24.01	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-30	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-35-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:32:54	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	133	42	117	58.47	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-31	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-36-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:36:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	83	89	5.41	cps
Antimony	121-1	525	517	592	544	7.55	cps
Arsenic	75-2	37	35	26	33	18.19	cps
Barium	135-1	22420	23079	22069	22523	2.28	cps
Barium	137-1	39075	38566	38315	38652	1.00	cps
Beryllium	9-1	44	33	33	37	17.33	cps
Bismuth	209-1	4984151	4954098	4829292	4922514	1.67	cps
Bismuth	209-2	1254800	1266331	1247266	1256133	0.76	cps
Boron	10-1	708	600	558	622	12.44	cps
Boron	11-1	2817	2800	2642	2753	3.51	cps
Cadmium	111-1	717	625	782	708	11.12	cps
Cadmium	106-1	1017	883	1083	995	10.24	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	109794	108710	107577	108694	1.02	cps
Calcium	44-1	1849675	1862011	1830125	1847270	0.87	cps
Chromium	52-2	473	430	447	450	4.86	cps
Cobalt	59-2	33	30	40	34	14.78	cps
Copper	63-2	131713	132208	131007	131643	0.46	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	42	17	58	39	53.93	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	7276875	7240750	7247271	7254965	0.27	cps
Holmium	165-2	1509470	1518441	1500348	1509420	0.60	cps
Indium	115-1	5940674	5824819	5796832	5854108	1.30	cps
Indium	115-2	242066	242474	241718	242086	0.16	cps
Iron	56-2	14805	14658	14263	14575	1.92	cps
Iron	57-2	417	344	400	387	9.77	cps
Lead	206-1	4412	4212	4034	4219	4.48	cps
Lead	207-1	3640	3362	3467	3489	4.02	cps
Lead	208-1	16777	16377	16199	16451	1.80	cps
Lithium	6-1	1172916	1150178	1139557	1154217	1.48	cps
Magnesium	24-2	23729	24355	22343	23476	4.39	cps
Manganese	55-2	2197	2094	2164	2151	2.45	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-31	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-36-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:36:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	275	225	278	19.52	cps
Molybdenum	95-1	158	75	125	119	35.12	cps
Molybdenum	96-1	175	183	225	194	13.78	cps
Molybdenum	97-1	175	133	108	139	24.25	cps
Molybdenum	98-1	183	225	275	228	20.15	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	407	473	423	434	7.99	cps
Phosphorus	31-2	142	183	267	197	32.27	cps
Potassium	39-2	7677	7852	8311	7947	4.12	cps
Rhodium	103-1	5403107	5399637	5335086	5379277	0.71	cps
Rhodium	103-2	1381114	1384785	1357721	1374540	1.07	cps
Scandium	45-1	3231346	3224166	3233948	3229820	0.16	cps
Scandium	45-2	25988	25022	24939	25316	2.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	18	33	-51	0	-53990.63	cps
Silicon	28-1	2766062	2887301	2782132	2811832	2.34	cps
Silver	109-1	50	17	75	47	61.97	cps
Silver	107-1	125	67	108	100	30.05	cps
Sodium	23-2	494963	501934	492408	496435	0.99	cps
Strontium	86-1	42635	43127	42208	42657	1.08	cps
Strontium	88-1	371544	369783	367201	369509	0.59	cps
Sulfur	34-1	367100	368990	364332	366807	0.64	cps
Terbium	159-1	7568223	7495165	7442662	7502017	0.84	cps
Terbium	159-2	1474388	1472436	1462270	1469698	0.44	cps
Thallium	203-1	92	125	67	94	30.99	cps
Thallium	205-1	233	308	283	275	13.89	cps
Tin	118-1	583	583	542	569	4.22	cps
Titanium	47-1	333	375	325	344	7.77	cps
Uranium	238-1	225	275	242	247	10.30	cps
Vanadium	51-2	43	47	57	49	14.20	cps
Yttrium	89-1	6003206	5953386	5904272	5953621	0.83	cps
Yttrium	89-2	175521	177399	174493	175804	0.84	cps
Zinc	66-2	1333	1273	1553	1387	10.63	cps
Zirconium	90-1	383	458	450	431	9.55	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-31	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-36-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:36:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	175	192	153	35.07	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-32	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-37-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:39:14	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	125	125	106	31.91	cps
Antimony	121-1	1692	1759	1650	1700	3.21	cps
Arsenic	75-2	24	15	26	22	27.57	cps
Barium	135-1	22170	21602	22245	22005	1.60	cps
Barium	137-1	36877	37429	37579	37295	0.99	cps
Beryllium	9-1	11	6	28	15	78.05	cps
Bismuth	209-1	4917444	4849786	4819271	4862167	1.03	cps
Bismuth	209-2	1240855	1242321	1237278	1240152	0.21	cps
Boron	10-1	533	617	658	603	10.56	cps
Boron	11-1	2942	2784	2817	2848	2.93	cps
Cadmium	111-1	758	580	724	687	13.69	cps
Cadmium	106-1	1067	842	1017	975	12.12	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	111071	108526	109668	109755	1.16	cps
Calcium	44-1	1855370	1869323	1873392	1866028	0.51	cps
Chromium	52-2	470	407	567	481	16.75	cps
Cobalt	59-2	220	233	200	218	7.71	cps
Copper	63-2	182095	182921	180664	181893	0.63	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	58	25	50	44.10	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	75	83	100	86	14.79	cps
Gadolinium	160-2	23	3	7	11	96.43	cps
Holmium	165-1	7210215	7174879	7274310	7219801	0.70	cps
Holmium	165-2	1508491	1492914	1489828	1497077	0.67	cps
Indium	115-1	5855221	5728837	5733558	5772539	1.24	cps
Indium	115-2	240059	242759	239357	240725	0.75	cps
Iron	56-2	18331	17662	17150	17714	3.34	cps
Iron	57-2	533	328	506	456	24.48	cps
Lead	206-1	17924	17824	17980	17909	0.44	cps
Lead	207-1	14981	15282	14842	15035	1.49	cps
Lead	208-1	69860	70601	70523	70328	0.58	cps
Lithium	6-1	1140109	1134844	1150838	1141930	0.71	cps
Magnesium	24-2	22394	22777	22168	22446	1.37	cps
Manganese	55-2	2120	2050	2064	2078	1.79	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-32	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-37-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:39:14	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	225	175	225	22.22	cps
Molybdenum	95-1	158	117	142	139	15.10	cps
Molybdenum	96-1	183	242	292	239	22.70	cps
Molybdenum	97-1	117	67	75	86	31.11	cps
Molybdenum	98-1	217	208	208	211	2.28	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	5071	5101	4994	5055	1.09	cps
Phosphorus	31-2	208	242	192	214	11.90	cps
Potassium	39-2	8278	8003	8111	8131	1.70	cps
Rhodium	103-1	5360732	5359218	5337736	5352562	0.24	cps
Rhodium	103-2	1362807	1358663	1361073	1360848	0.15	cps
Scandium	45-1	3256435	3233708	3263486	3251210	0.48	cps
Scandium	45-2	25403	25066	24929	25133	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-25	7	-63	-27	-130.95	cps
Silicon	28-1	2889110	2790270	2779927	2819769	2.14	cps
Silver	109-1	50	75	100	75	33.33	cps
Silver	107-1	133	83	67	94	36.73	cps
Sodium	23-2	504105	499991	501416	501837	0.42	cps
Strontium	86-1	43503	43203	42935	43214	0.66	cps
Strontium	88-1	373112	371758	369930	371600	0.43	cps
Sulfur	34-1	367181	366884	361895	365320	0.81	cps
Terbium	159-1	7479576	7459249	7470925	7469916	0.14	cps
Terbium	159-2	1458899	1469293	1462770	1463654	0.36	cps
Thallium	203-1	75	117	75	89	27.07	cps
Thallium	205-1	192	242	175	203	17.11	cps
Tin	118-1	500	550	550	533	5.41	cps
Titanium	47-1	342	367	358	356	3.58	cps
Uranium	238-1	183	158	192	178	9.76	cps
Vanadium	51-2	67	57	63	62	8.18	cps
Yttrium	89-1	6021278	5916058	5944554	5960630	0.91	cps
Yttrium	89-2	173358	175352	171475	173395	1.12	cps
Zinc	66-2	6161	6181	6415	6253	2.25	cps
Zirconium	90-1	542	517	542	533	2.71	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-32	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-37-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:39:14	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	142	67	106	35.60	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-33 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-38-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:42:24 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	67	69	18.33	cps
Antimony	121-1	617	508	567	564	9.61	cps
Arsenic	75-2	30	35	28	31	12.49	cps
Barium	135-1	20391	20158	20325	20291	0.59	cps
Barium	137-1	35490	34546	34613	34883	1.51	cps
Beryllium	9-1	56	17	28	33	60.09	cps
Bismuth	209-1	4945775	4821527	4794276	4853859	1.66	cps
Bismuth	209-2	1243670	1235155	1249521	1242782	0.58	cps
Boron	10-1	633	633	575	614	5.49	cps
Boron	11-1	2834	2584	2975	2798	7.09	cps
Cadmium	111-1	845	766	794	801	4.98	cps
Cadmium	106-1	1100	950	1000	1017	7.51	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	108576	107299	107005	107627	0.78	cps
Calcium	44-1	1822664	1814570	1799471	1812235	0.65	cps
Chromium	52-2	600	523	477	533	11.68	cps
Cobalt	59-2	70	40	70	60	28.87	cps
Copper	63-2	173514	173717	171861	173031	0.59	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	92	25	33	50	72.65	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	7216100	7201896	7085312	7167769	1.00	cps
Holmium	165-2	1499460	1487187	1515623	1500757	0.95	cps
Indium	115-1	5694485	5731910	5746104	5724166	0.47	cps
Indium	115-2	238781	239430	243803	240672	1.14	cps
Iron	56-2	34816	36530	35234	35527	2.51	cps
Iron	57-2	822	778	922	841	8.80	cps
Lead	206-1	52325	52096	50963	51795	1.41	cps
Lead	207-1	43224	42566	43018	42936	0.78	cps
Lead	208-1	202581	199991	199555	200709	0.81	cps
Lithium	6-1	1134247	1133198	1130685	1132710	0.16	cps
Magnesium	24-2	22276	21066	21542	21628	2.82	cps
Manganese	55-2	2244	2257	2164	2221	2.27	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-33	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-38-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:42:24	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	467	308	383	20.74	cps
Molybdenum	95-1	167	125	108	133	22.54	cps
Molybdenum	96-1	233	250	208	231	9.10	cps
Molybdenum	97-1	175	83	75	111	49.94	cps
Molybdenum	98-1	350	233	200	261	30.16	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2414	2494	2500	2469	1.95	cps
Phosphorus	31-2	233	217	175	208	14.42	cps
Potassium	39-2	8253	8678	7961	8297	4.35	cps
Rhodium	103-1	5316285	5242240	5241756	5266760	0.81	cps
Rhodium	103-2	1355181	1347118	1374043	1358781	1.02	cps
Scandium	45-1	3226038	3201319	3192859	3206738	0.54	cps
Scandium	45-2	25119	24732	25210	25020	1.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	12	-11	-27	-8	-237.82	cps
Silicon	28-1	2760866	2746917	2767756	2758513	0.38	cps
Silver	109-1	167	208	192	189	11.10	cps
Silver	107-1	108	208	175	164	31.07	cps
Sodium	23-2	506616	500205	496663	501162	1.01	cps
Strontium	86-1	42083	43470	41171	42241	2.74	cps
Strontium	88-1	364023	363693	356231	361316	1.22	cps
Sulfur	34-1	359981	360536	362196	360904	0.32	cps
Terbium	159-1	7488227	7329265	7382061	7399851	1.09	cps
Terbium	159-2	1449613	1452897	1469879	1457463	0.75	cps
Thallium	203-1	75	175	108	119	42.63	cps
Thallium	205-1	317	217	183	239	29.05	cps
Tin	118-1	500	700	475	558	22.09	cps
Titanium	47-1	275	375	400	350	18.90	cps
Uranium	238-1	150	150	242	181	29.31	cps
Vanadium	51-2	40	47	67	51	27.15	cps
Yttrium	89-1	6040982	5933404	5790667	5921684	2.12	cps
Yttrium	89-2	174667	174363	177458	175496	0.97	cps
Zinc	66-2	9757	9804	9860	9807	0.53	cps
Zirconium	90-1	942	808	1033	928	12.20	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-33	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-38-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:42:24	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	183	292	231	24.07	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-34 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-39-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:45:33 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	83	78	32.73	cps
Antimony	121-1	492	567	467	508	10.24	cps
Arsenic	75-2	35	22	28	28	22.91	cps
Barium	135-1	21952	22295	21210	21819	2.54	cps
Barium	137-1	36885	37563	36125	36858	1.95	cps
Beryllium	9-1	33	39	33	35	9.12	cps
Bismuth	209-1	4805402	4783447	4763345	4784065	0.44	cps
Bismuth	209-2	1237285	1236955	1239814	1238018	0.13	cps
Boron	10-1	608	600	625	611	2.08	cps
Boron	11-1	2659	2634	2575	2623	1.63	cps
Cadmium	111-1	692	633	861	729	16.21	cps
Cadmium	106-1	975	883	1208	1022	16.39	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	106956	108182	107050	107396	0.64	cps
Calcium	44-1	1831017	1785872	1800449	1805779	1.28	cps
Chromium	52-2	533	577	510	540	6.26	cps
Cobalt	59-2	37	40	63	47	31.13	cps
Copper	63-2	121902	122332	123502	122579	0.68	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	75	83	58	62.27	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	50	50	117	72	53.30	cps
Gadolinium	160-2	10	7	20	12	56.76	cps
Holmium	165-1	7001652	7061649	7024033	7029111	0.43	cps
Holmium	165-2	1497072	1486317	1506868	1496752	0.69	cps
Indium	115-1	5688261	5688239	5663549	5680016	0.25	cps
Indium	115-2	241372	240112	242433	241306	0.48	cps
Iron	56-2	18340	19053	19744	19046	3.69	cps
Iron	57-2	433	500	422	452	9.31	cps
Lead	206-1	4273	4279	4256	4269	0.27	cps
Lead	207-1	3578	3617	3462	3552	2.28	cps
Lead	208-1	16232	16610	16243	16362	1.31	cps
Lithium	6-1	1133508	1122764	1116068	1124113	0.78	cps
Magnesium	24-2	23504	22060	22911	22825	3.18	cps
Manganese	55-2	2270	2087	2240	2199	4.47	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-34	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-39-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:45:33	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	250	217	258	17.96	cps
Molybdenum	95-1	158	150	150	153	3.15	cps
Molybdenum	96-1	200	208	200	203	2.37	cps
Molybdenum	97-1	183	100	92	125	40.55	cps
Molybdenum	98-1	217	300	258	258	16.13	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	377	453	437	422	9.55	cps
Phosphorus	31-2	117	183	275	192	41.48	cps
Potassium	39-2	8178	8169	8053	8133	0.86	cps
Rhodium	103-1	5285161	5303257	5178372	5255597	1.28	cps
Rhodium	103-2	1363550	1346140	1369951	1359880	0.91	cps
Scandium	45-1	3163836	3161723	3150652	3158737	0.22	cps
Scandium	45-2	24989	24425	24181	24532	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-24	22	-10	-4	-624.11	cps
Silicon	28-1	2740972	2705513	2730239	2725575	0.67	cps
Silver	109-1	333	267	242	281	16.89	cps
Silver	107-1	217	383	358	319	28.14	cps
Sodium	23-2	494325	492692	491262	492760	0.31	cps
Strontium	86-1	41656	41966	41815	41812	0.37	cps
Strontium	88-1	365316	366033	362061	364470	0.58	cps
Sulfur	34-1	359972	363931	363177	362360	0.58	cps
Terbium	159-1	7329764	7320776	7285120	7311887	0.32	cps
Terbium	159-2	1464306	1450276	1463998	1459527	0.55	cps
Thallium	203-1	50	100	108	86	36.64	cps
Thallium	205-1	217	225	167	203	15.56	cps
Tin	118-1	567	558	525	550	4.01	cps
Titanium	47-1	375	250	342	322	20.09	cps
Uranium	238-1	233	225	275	244	10.96	cps
Vanadium	51-2	60	53	63	59	8.65	cps
Yttrium	89-1	5916078	5895022	5808819	5873306	0.97	cps
Yttrium	89-2	173884	174484	176018	174795	0.63	cps
Zinc	66-2	877	903	823	868	4.69	cps
Zirconium	90-1	550	467	608	542	13.14	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-34	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-39-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:45:33	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	67	75	94	43.53	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-35 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-40-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:48:44 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	58	64	7.53	cps
Antimony	121-1	642	617	608	622	2.79	cps
Arsenic	75-2	20	28	33	27	23.94	cps
Barium	135-1	21535	21301	21335	21390	0.59	cps
Barium	137-1	37504	37479	36343	37109	1.79	cps
Beryllium	9-1	28	17	61	35	65.73	cps
Bismuth	209-1	4918631	4893340	4901996	4904656	0.26	cps
Bismuth	209-2	582474	544582	1251581	792879	50.16	cps
Boron	10-1	608	650	1377	878	49.19	cps
Boron	11-1	2909	2500	3025	2812	9.81	cps
Cadmium	111-1	751	729	873	784	9.93	cps
Cadmium	106-1	950	1008	1133	1031	9.09	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	109567	108970	109197	109245	0.28	cps
Calcium	44-1	1893865	1813882	1825254	1844333	2.35	cps
Chromium	52-2	557	520	557	544	3.89	cps
Cobalt	59-2	137	83	70	97	36.49	cps
Copper	63-2	192964	194348	183960	190424	2.96	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	100	25	56	70.88	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	7286454	7180381	7211442	7226092	0.75	cps
Holmium	165-2	702436	654388	1511665	956163	50.38	cps
Indium	115-1	5885589	5839790	5829142	5851507	0.51	cps
Indium	115-2	114864	104326	242901	154030	50.08	cps
Iron	56-2	21450	21400	21117	21322	0.84	cps
Iron	57-2	650	506	428	528	21.37	cps
Lead	206-1	47417	45934	46424	46591	1.62	cps
Lead	207-1	39662	39456	38944	39354	0.94	cps
Lead	208-1	181982	181278	179007	180755	0.86	cps
Lithium	6-1	1159497	1144818	1124936	1143084	1.52	cps
Magnesium	24-2	22644	23846	22110	22866	3.89	cps
Manganese	55-2	1877	2027	1990	1965	3.98	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-35	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-40-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:48:44	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	258	267	250	8.82	cps
Molybdenum	95-1	217	183	233	211	12.06	cps
Molybdenum	96-1	225	267	200	231	14.61	cps
Molybdenum	97-1	158	92	92	114	33.80	cps
Molybdenum	98-1	317	200	275	264	22.40	cps
Neodymium	150-1	13	40	13	22	69.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3891	4237	3921	4016	4.78	cps
Phosphorus	31-2	208	242	225	225	7.41	cps
Potassium	39-2	8828	8378	8403	8536	2.96	cps
Rhodium	103-1	5355317	5358766	5285508	5333197	0.78	cps
Rhodium	103-2	642098	590758	1371751	868202	50.32	cps
Scandium	45-1	3289305	3252612	3293616	3278511	0.69	cps
Scandium	45-2	12005	10781	25283	16023	50.19	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-62	-2	4	-20	-178.53	cps
Silicon	28-1	2913043	2860383	2857989	2877138	1.08	cps
Silver	109-1	117	142	133	131	9.75	cps
Silver	107-1	167	267	175	203	27.36	cps
Sodium	23-2	520780	530893	508372	520015	2.17	cps
Strontium	86-1	42743	42802	42183	42576	0.80	cps
Strontium	88-1	367542	367713	368018	367758	0.07	cps
Sulfur	34-1	366622	365696	368264	366861	0.35	cps
Terbium	159-1	7577980	7390831	7430271	7466361	1.32	cps
Terbium	159-2	682553	632869	1470853	928758	50.62	cps
Thallium	203-1	158	108	83	117	32.73	cps
Thallium	205-1	242	217	350	269	26.30	cps
Tin	118-1	758	708	700	722	4.37	cps
Titanium	47-1	267	233	292	264	11.09	cps
Uranium	238-1	158	200	192	183	12.03	cps
Vanadium	51-2	60	57	63	60	5.55	cps
Yttrium	89-1	6096929	5921608	5918555	5979030	1.71	cps
Yttrium	89-2	84604	75205	177024	112278	50.12	cps
Zinc	66-2	17581	18045	17084	17570	2.74	cps
Zirconium	90-1	625	592	400	539	22.53	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-35	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-40-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:48:44	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	108	114	8.45	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-36	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-41-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:51:54	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	75	133	114	29.57	cps
Antimony	121-1	608	517	425	517	17.74	cps
Arsenic	75-2	37	30	41	36	15.80	cps
Barium	135-1	25609	25100	24899	25203	1.45	cps
Barium	137-1	43991	42862	42461	43105	1.84	cps
Beryllium	9-1	44	33	44	41	15.76	cps
Bismuth	209-1	5547446	5412345	5397040	5452277	1.52	cps
Bismuth	209-2	1238044	1356746	1357612	1317467	5.22	cps
Boron	10-1	642	542	475	553	15.18	cps
Boron	11-1	2667	2909	2692	2756	4.82	cps
Cadmium	111-1	851	791	705	783	9.37	cps
Cadmium	106-1	1208	1117	1000	1108	9.42	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	122405	122765	120976	122049	0.78	cps
Calcium	44-1	2072456	2076146	2064198	2070933	0.30	cps
Chromium	52-2	457	537	527	507	8.60	cps
Cobalt	59-2	43	53	37	44	18.87	cps
Copper	63-2	120282	119162	119219	119554	0.53	cps
Dysprosium	156-1	67	8	17	31	103.26	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	42	83	56	43.30	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	75	108	33	72	52.04	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	8208002	7965156	7916087	8029748	1.95	cps
Holmium	165-2	1548028	1695785	1703836	1649216	5.32	cps
Indium	115-1	6588697	6482682	6327031	6466137	2.04	cps
Indium	115-2	238634	261090	262953	254225	5.32	cps
Iron	56-2	27071	26910	26788	26923	0.53	cps
Iron	57-2	739	794	589	707	15.03	cps
Lead	206-1	4851	5157	4590	4866	5.83	cps
Lead	207-1	4662	4045	4079	4262	8.14	cps
Lead	208-1	19879	19190	18534	19201	3.50	cps
Lithium	6-1	1285091	1249713	1248601	1261135	1.65	cps
Magnesium	24-2	25391	25173	25182	25248	0.49	cps
Manganese	55-2	2944	2704	2937	2861	4.78	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-36 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-41-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:51:54 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	308	308	317	4.56	cps
Molybdenum	95-1	242	183	142	189	26.60	cps
Molybdenum	96-1	392	200	242	278	36.29	cps
Molybdenum	97-1	92	125	125	114	16.90	cps
Molybdenum	98-1	175	192	392	253	47.70	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	357	393	353	368	6.03	cps
Phosphorus	31-2	300	267	267	278	6.93	cps
Potassium	39-2	9203	8661	8445	8770	4.46	cps
Rhodium	103-1	6056008	5947179	5894163	5965783	1.38	cps
Rhodium	103-2	1357431	1530860	1522337	1470209	6.65	cps
Scandium	45-1	3648146	3643001	3579073	3623406	1.06	cps
Scandium	45-2	24595	26525	26655	25925	4.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	0	13	-3	3	277.91	cps
Silicon	28-1	3091602	3141345	2995333	3076093	2.41	cps
Silver	109-1	208	75	133	139	48.13	cps
Silver	107-1	158	183	150	164	10.58	cps
Sodium	23-2	562302	548468	551035	553935	1.33	cps
Strontium	86-1	50000	48513	47977	48830	2.15	cps
Strontium	88-1	429949	422688	420235	424291	1.19	cps
Sulfur	34-1	360205	361160	361248	360871	0.16	cps
Terbium	159-1	8533911	8272371	8204864	8337049	2.08	cps
Terbium	159-2	1482278	1632142	1607530	1573983	5.11	cps
Thallium	203-1	42	67	108	72	46.63	cps
Thallium	205-1	225	283	275	261	12.08	cps
Tin	118-1	617	567	517	567	8.82	cps
Titanium	47-1	425	433	400	419	4.14	cps
Uranium	238-1	342	258	342	314	15.33	cps
Vanadium	51-2	90	50	53	64	34.44	cps
Yttrium	89-1	6831551	6572971	6568187	6657570	2.26	cps
Yttrium	89-2	173444	190505	189397	184449	5.18	cps
Zinc	66-2	1543	1553	1463	1520	3.25	cps
Zirconium	90-1	558	633	492	561	12.63	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-36	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-41-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:51:54	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	142	125	13.33	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-37 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-43-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:55:02 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	42	50	16.67	cps
Antimony	121-1	625	475	425	508	20.48	cps
Arsenic	75-2	61	17	37	38	58.12	cps
Barium	135-1	21126	21059	21351	21179	0.72	cps
Barium	137-1	35599	35791	36418	35936	1.19	cps
Beryllium	9-1	22	11	44	26	65.48	cps
Bismuth	209-1	4882214	4835039	4360846	4692700	6.14	cps
Bismuth	209-2	1225822	1226696	1226645	1226388	0.04	cps
Boron	10-1	558	600	617	592	5.08	cps
Boron	11-1	2592	2842	2625	2686	5.05	cps
Cadmium	111-1	617	923	605	715	25.19	cps
Cadmium	106-1	850	1308	817	992	27.71	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	107973	108459	107837	108090	0.30	cps
Calcium	44-1	1818733	1812110	1817778	1816207	0.20	cps
Chromium	52-2	503	560	500	521	6.47	cps
Cobalt	59-2	53	60	43	52	16.07	cps
Copper	63-2	172927	172877	172360	172721	0.18	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	33	42	39	12.37	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7218424	7043751	6496221	6919465	5.45	cps
Holmium	165-2	1490314	1477207	1479199	1482240	0.48	cps
Indium	115-1	5765261	5693572	5138563	5532465	6.20	cps
Indium	115-2	239199	236883	234766	236949	0.94	cps
Iron	56-2	16166	16483	17234	16628	3.30	cps
Iron	57-2	300	428	467	398	21.90	cps
Lead	206-1	24368	23784	24251	24135	1.28	cps
Lead	207-1	20534	20929	20456	20640	1.23	cps
Lead	208-1	94020	94076	92587	93561	0.90	cps
Lithium	6-1	1123612	1128431	1029909	1093984	5.08	cps
Magnesium	24-2	21734	22093	21759	21862	0.92	cps
Manganese	55-2	2407	2284	2140	2277	5.86	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-37 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-43-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 14:55:02 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	217	217	228	8.45	cps
Molybdenum	95-1	133	150	75	119	32.97	cps
Molybdenum	96-1	133	233	217	194	27.55	cps
Molybdenum	97-1	133	167	117	139	18.33	cps
Molybdenum	98-1	258	217	233	236	8.88	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	260	273	300	278	7.33	cps
Phosphorus	31-2	217	208	183	203	8.56	cps
Potassium	39-2	7978	8011	8203	8064	1.51	cps
Rhodium	103-1	5293458	5284152	4823705	5133772	5.23	cps
Rhodium	103-2	1349336	1349034	1336737	1345036	0.53	cps
Scandium	45-1	3228288	3237874	2905161	3123774	6.06	cps
Scandium	45-2	24548	24862	24265	24558	1.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	16	70	13	33	97.60	cps
Silicon	28-1	2809830	2804116	2825905	2813283	0.40	cps
Silver	109-1	83	25	125	78	64.58	cps
Silver	107-1	83	50	92	75	29.40	cps
Sodium	23-2	493835	491484	491263	492194	0.29	cps
Strontium	86-1	42049	43069	43027	42715	1.35	cps
Strontium	88-1	362580	365109	361822	363171	0.47	cps
Sulfur	34-1	370210	365142	369168	368173	0.73	cps
Terbium	159-1	7430986	7382841	6750201	7188010	5.29	cps
Terbium	159-2	1448073	1440180	1435527	1441260	0.44	cps
Thallium	203-1	175	117	108	133	27.24	cps
Thallium	205-1	433	217	275	308	36.36	cps
Tin	118-1	550	608	592	583	5.15	cps
Titanium	47-1	233	275	417	308	31.17	cps
Uranium	238-1	217	200	267	228	15.23	cps
Vanadium	51-2	60	77	57	64	16.63	cps
Yttrium	89-1	5897389	5866964	5427086	5730479	4.59	cps
Yttrium	89-2	173063	172247	170381	171897	0.80	cps
Zinc	66-2	5625	5625	5715	5655	0.92	cps
Zirconium	90-1	383	408	475	422	11.22	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-37	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-43-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:55:02	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	92	67	97	34.64	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	33	67	67	56	34.65	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	50	33	50	44	21.66	cps
Beryllium	9-1	22	33	28	28	20.00	cps
Bismuth	209-1	4420369	4408507	4402653	4410510	0.20	cps
Bismuth	209-2	1126867	1118073	1134039	1126326	0.71	cps
Boron	10-1	150	133	100	128	19.92	cps
Boron	11-1	600	633	658	631	4.64	cps
Cadmium	111-1	565	636	654	619	7.59	cps
Cadmium	106-1	817	900	925	881	6.44	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	1167	1233	1192	1197	2.81	cps
Calcium	44-1	12440	12806	12389	12545	1.81	cps
Chromium	52-2	433	387	333	384	13.02	cps
Cobalt	59-2	37	23	37	32	23.90	cps
Copper	63-2	103	77	87	89	15.16	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	8	42	31	62.99	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	33	50	39	24.74	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	6421922	6493163	6416792	6443959	0.66	cps
Holmium	165-2	1361522	1356445	1370961	1362976	0.54	cps
Indium	115-1	5187745	5176977	5165847	5176857	0.21	cps
Indium	115-2	218945	217672	220623	219080	0.68	cps
Iron	56-2	822	833	945	867	7.80	cps
Iron	57-2	6	39	22	22	74.99	cps
Lead	206-1	2202217	2223566	2197197	2207660	0.63	cps
Lead	207-1	2033039	2027620	2042647	2034436	0.37	cps
Lead	208-1	9083441	9027690	9000596	9037242	0.47	cps
Lithium	6-1	1022330	1038128	1040440	1033633	0.95	cps
Magnesium	24-2	42	108	50	67	54.49	cps
Manganese	55-2	23	20	17	20	16.65	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	100	83	103	20.40	cps
Molybdenum	95-1	50	33	17	33	50.00	cps
Molybdenum	96-1	117	100	58	92	32.77	cps
Molybdenum	97-1	75	33	50	53	39.74	cps
Molybdenum	98-1	50	58	25	44	39.04	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	57	70	63	63	10.52	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	2117	2067	1842	2009	7.29	cps
Rhodium	103-1	4807176	4747609	4781782	4778855	0.63	cps
Rhodium	103-2	1249389	1233628	1243379	1242132	0.64	cps
Scandium	45-1	2910597	2894407	2883937	2896314	0.46	cps
Scandium	45-2	22358	21847	22448	22218	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	16	27	-62	-6	-800.60	cps
Silicon	28-1	353650	360435	349858	354648	1.51	cps
Silver	109-1	33	58	33	42	34.65	cps
Silver	107-1	42	58	58	53	18.23	cps
Sodium	23-2	4418	4609	4443	4490	2.32	cps
Strontium	86-1	525	392	525	481	16.02	cps
Strontium	88-1	142	92	133	122	21.92	cps
Sulfur	34-1	341172	346431	343184	343595	0.77	cps
Terbium	159-1	6594383	6589949	6692169	6625500	0.87	cps
Terbium	159-2	1327753	1323924	1328020	1326566	0.17	cps
Thallium	203-1	133	133	175	147	16.34	cps
Thallium	205-1	350	333	358	347	3.67	cps
Tin	118-1	367	367	367	367	0.00	cps
Titanium	47-1	117	92	92	100	14.43	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Yttrium	89-1	5278460	5324948	5346890	5316766	0.66	cps
Yttrium	89-2	158720	157020	160058	158599	0.96	cps
Zinc	66-2	47	53	13	38	56.73	cps
Zirconium	90-1	225	325	258	269	18.90	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 14:58:12	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	58	25	53	48.24	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	17	25	33.32	cps
Antimony	121-1	42	33	8	28	62.46	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	42	33	8	28	62.46	cps
Barium	137-1	8	33	42	28	62.46	cps
Beryllium	9-1	6	33	28	22	66.13	cps
Bismuth	209-1	4502061	4173310	4353698	4343023	3.79	cps
Bismuth	209-2	1160122	1143941	1150188	1151417	0.71	cps
Boron	10-1	108	183	133	142	26.96	cps
Boron	11-1	675	592	567	611	9.28	cps
Cadmium	111-1	630	571	654	618	6.93	cps
Cadmium	106-1	908	800	917	875	7.44	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	1183	883	883	983	17.61	cps
Calcium	44-1	12348	12423	12398	12389	0.31	cps
Chromium	52-2	567	540	487	531	7.67	cps
Cobalt	59-2	17	40	33	30	40.05	cps
Copper	63-2	93	90	93	92	2.09	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	6629618	6273750	6400111	6434493	2.80	cps
Holmium	165-2	1392318	1384704	1376531	1384517	0.57	cps
Indium	115-1	5248991	4959417	5161425	5123278	2.90	cps
Indium	115-2	223324	221400	221015	221913	0.56	cps
Iron	56-2	850	845	845	846	0.38	cps
Iron	57-2	11	33	22	22	50.00	cps
Lead	206-1	533	461	406	467	13.73	cps
Lead	207-1	328	400	394	374	10.74	cps
Lead	208-1	1622	1783	1778	1728	5.29	cps
Lithium	6-1	1064912	986258	1008897	1020022	3.97	cps
Magnesium	24-2	83	92	42	72	37.09	cps
Manganese	55-2	30	7	7	14	93.24	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	50	117	42	69	59.19	cps
Molybdenum	95-1	33	17	33	28	34.63	cps
Molybdenum	96-1	75	33	83	64	41.93	cps
Molybdenum	97-1	58	33	8	33	75.01	cps
Molybdenum	98-1	50	25	25	33	43.30	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	43	77	58	29.61	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1909	2017	2134	2020	5.57	cps
Rhodium	103-1	4906152	4568467	4769890	4748169	3.58	cps
Rhodium	103-2	1268610	1267773	1262404	1266262	0.27	cps
Scandium	45-1	2992829	2753496	2862696	2869674	4.18	cps
Scandium	45-2	23173	23032	22996	23067	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-32	11	-7	-9	-235.95	cps
Silicon	28-1	351269	355894	360655	355939	1.32	cps
Silver	109-1	42	42	58	47	20.38	cps
Silver	107-1	50	58	58	56	8.67	cps
Sodium	23-2	4468	4593	4051	4370	6.49	cps
Strontium	86-1	458	600	550	536	13.40	cps
Strontium	88-1	75	158	83	106	43.48	cps
Sulfur	34-1	352600	343849	347709	348053	1.26	cps
Terbium	159-1	6758874	6402821	6608151	6589948	2.71	cps
Terbium	159-2	1355241	1340635	1351994	1349290	0.57	cps
Thallium	203-1	158	100	158	139	24.25	cps
Thallium	205-1	283	358	275	306	15.02	cps
Tin	118-1	383	458	283	375	23.41	cps
Titanium	47-1	125	175	183	161	19.58	cps
Uranium	238-1	50	25	25	33	43.30	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	5451981	5167889	5245300	5288390	2.78	cps
Yttrium	89-2	160993	161809	160938	161247	0.30	cps
Zinc	66-2	23	33	30	29	17.63	cps
Zirconium	90-1	267	333	217	272	21.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:01:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	58	92	78	22.30	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-38 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-44-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:04:31 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	125	114	16.90	cps
Antimony	121-1	433	433	350	406	11.86	cps
Arsenic	75-2	26	30	9	22	50.22	cps
Barium	135-1	22303	22194	21844	22114	1.09	cps
Barium	137-1	39126	38491	38900	38839	0.83	cps
Beryllium	9-1	28	22	28	26	12.38	cps
Bismuth	209-1	4660078	4946095	4897175	4834450	3.16	cps
Bismuth	209-2	1248748	1248668	1250849	1249422	0.10	cps
Boron	10-1	608	492	650	583	14.07	cps
Boron	11-1	2684	2759	2575	2673	3.45	cps
Cadmium	111-1	622	805	657	695	13.96	cps
Cadmium	106-1	883	1142	917	981	14.33	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	112111	109643	108929	110228	1.51	cps
Calcium	44-1	1872979	1875456	1870158	1872864	0.14	cps
Chromium	52-2	437	460	473	457	4.06	cps
Cobalt	59-2	63	40	33	46	34.58	cps
Copper	63-2	128501	127225	126308	127345	0.86	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	42	0	42	28	86.60	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	6802855	7223433	7209886	7078725	3.38	cps
Holmium	165-2	1513715	1502878	1498015	1504869	0.53	cps
Indium	115-1	5374259	5807563	5821442	5667755	4.49	cps
Indium	115-2	242815	240518	241623	241652	0.48	cps
Iron	56-2	25710	23810	23704	24408	4.63	cps
Iron	57-2	622	656	728	669	8.07	cps
Lead	206-1	12985	12913	13129	13009	0.85	cps
Lead	207-1	10950	10683	10405	10679	2.55	cps
Lead	208-1	50869	50396	49906	50390	0.96	cps
Lithium	6-1	1092261	1156947	1140437	1129882	2.97	cps
Magnesium	24-2	22051	22744	22585	22460	1.62	cps
Manganese	55-2	2477	2327	2427	2410	3.17	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-38 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-44-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:04:31 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	258	267	236	19.44	cps
Molybdenum	95-1	192	133	183	169	18.62	cps
Molybdenum	96-1	200	258	150	203	26.74	cps
Molybdenum	97-1	125	75	125	108	26.65	cps
Molybdenum	98-1	258	317	250	275	13.21	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	210	203	233	216	7.31	cps
Phosphorus	31-2	192	250	292	244	20.55	cps
Potassium	39-2	7519	8319	8161	8000	5.30	cps
Rhodium	103-1	5018640	5351247	5389343	5253077	3.88	cps
Rhodium	103-2	1380620	1367266	1365455	1371114	0.60	cps
Scandium	45-1	3094901	3267076	3277066	3213014	3.19	cps
Scandium	45-2	24932	24291	24512	24578	1.33	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-5	-63	-51	-40	-77.95	cps
Silicon	28-1	2828153	2805602	2744828	2792861	1.54	cps
Silver	109-1	33	58	25	39	44.62	cps
Silver	107-1	133	67	67	89	43.30	cps
Sodium	23-2	495582	495912	493847	495114	0.22	cps
Strontium	86-1	44340	43622	44582	44181	1.13	cps
Strontium	88-1	377827	378154	376622	377535	0.21	cps
Sulfur	34-1	375018	375274	375798	375363	0.11	cps
Terbium	159-1	7009725	7497225	7523493	7343481	3.94	cps
Terbium	159-2	1484124	1461423	1466478	1470675	0.81	cps
Thallium	203-1	158	125	100	128	22.90	cps
Thallium	205-1	233	342	300	292	18.74	cps
Tin	118-1	308	342	350	333	6.61	cps
Titanium	47-1	442	717	450	536	29.21	cps
Uranium	238-1	183	250	233	222	15.61	cps
Vanadium	51-2	53	43	63	53	18.75	cps
Yttrium	89-1	5623999	5999854	6011660	5878505	3.75	cps
Yttrium	89-2	174809	176112	174097	175006	0.58	cps
Zinc	66-2	1767	1523	1663	1651	7.40	cps
Zirconium	90-1	508	450	558	506	10.72	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-38	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-44-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:04:31	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	150	100	111	31.22	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-39 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-45-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:07:41 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	183	150	136	40.77	cps
Antimony	121-1	567	517	592	558	6.84	cps
Arsenic	75-2	43	22	24	30	38.02	cps
Barium	135-1	19323	19824	19674	19607	1.31	cps
Barium	137-1	32382	33769	32950	33034	2.11	cps
Beryllium	9-1	61	50	39	50	22.22	cps
Bismuth	209-1	5075591	4993104	5022860	5030518	0.83	cps
Bismuth	209-2	1274053	1266277	1267988	1269439	0.32	cps
Boron	10-1	633	675	733	681	7.38	cps
Boron	11-1	3359	3276	3517	3384	3.63	cps
Cadmium	111-1	813	624	780	739	13.62	cps
Cadmium	106-1	1083	825	1025	978	13.86	cps
Cadmium	108-1	0	17	13	10	89.22	cps
Calcium	43-1	110801	111583	109716	110700	0.85	cps
Calcium	44-1	1879757	1883129	1866209	1876365	0.48	cps
Chromium	52-2	577	577	487	547	9.51	cps
Cobalt	59-2	133	127	160	140	12.60	cps
Copper	63-2	184659	184021	185776	184818	0.48	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	7	194	67	164.63	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	75	92	50	72	29.04	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	7395158	7323368	7376745	7365090	0.51	cps
Holmium	165-2	1532915	1522647	1517318	1524293	0.52	cps
Indium	115-1	5904994	5871837	5888794	5888542	0.28	cps
Indium	115-2	245648	242077	242756	243493	0.78	cps
Iron	56-2	32817	34021	33101	33313	1.89	cps
Iron	57-2	933	995	889	939	5.64	cps
Lead	206-1	57146	56844	57234	57075	0.36	cps
Lead	207-1	48053	47261	47840	47718	0.86	cps
Lead	208-1	221538	220029	222065	221211	0.48	cps
Lithium	6-1	1177322	1160445	1169109	1168959	0.72	cps
Magnesium	24-2	22686	22861	22310	22619	1.24	cps
Manganese	55-2	2000	2117	2027	2048	2.99	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-39 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-45-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:07:41 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	333	208	278	22.91	cps
Molybdenum	95-1	167	158	142	156	8.18	cps
Molybdenum	96-1	200	258	183	214	18.41	cps
Molybdenum	97-1	42	133	125	100	50.69	cps
Molybdenum	98-1	217	200	350	256	32.17	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	5008	5308	5001	5105	3.43	cps
Phosphorus	31-2	225	233	233	231	2.09	cps
Potassium	39-2	8828	8428	8436	8564	2.67	cps
Rhodium	103-1	5405883	5406124	5454735	5422247	0.52	cps
Rhodium	103-2	1394214	1380325	1382445	1385662	0.54	cps
Scandium	45-1	3320912	3286462	3258101	3288492	0.96	cps
Scandium	45-2	25320	24709	24508	24845	1.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-34	10	-27	-17	-140.93	cps
Silicon	28-1	2826411	2826538	2808343	2820431	0.37	cps
Silver	109-1	142	167	100	136	24.74	cps
Silver	107-1	142	183	150	158	13.92	cps
Sodium	23-2	511398	504244	504479	506707	0.80	cps
Strontium	86-1	44774	43587	42835	43732	2.24	cps
Strontium	88-1	379351	378863	376975	378396	0.33	cps
Sulfur	34-1	370298	367545	367426	368423	0.44	cps
Terbium	159-1	7580983	7605852	7642766	7609867	0.41	cps
Terbium	159-2	1491707	1484859	1481507	1486024	0.35	cps
Thallium	203-1	117	108	175	133	27.24	cps
Thallium	205-1	317	300	267	294	8.65	cps
Tin	118-1	617	542	558	572	6.88	cps
Titanium	47-1	342	325	350	339	3.75	cps
Uranium	238-1	192	167	217	192	13.04	cps
Vanadium	51-2	30	50	87	56	51.73	cps
Yttrium	89-1	6127573	6018424	5986576	6044191	1.22	cps
Yttrium	89-2	178067	176012	176700	176926	0.59	cps
Zinc	66-2	7429	7375	7526	7443	1.02	cps
Zirconium	90-1	433	433	500	456	8.45	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-39	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-45-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:07:41	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	167	158	142	25.64	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-40 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-46-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:10:51 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	67	75	97	47.21	cps
Antimony	121-1	375	308	275	319	15.94	cps
Arsenic	75-2	30	54	26	36	41.40	cps
Barium	135-1	22028	22203	22236	22156	0.51	cps
Barium	137-1	38441	38683	38917	38680	0.62	cps
Beryllium	9-1	22	33	44	33	33.35	cps
Bismuth	209-1	4969914	4950215	4849798	4923309	1.31	cps
Bismuth	209-2	1249326	1251725	1250369	1250473	0.10	cps
Boron	10-1	542	475	617	544	13.02	cps
Boron	11-1	2775	2642	2617	2678	3.18	cps
Cadmium	111-1	735	744	655	711	6.89	cps
Cadmium	106-1	1025	1042	908	992	7.33	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	108432	108953	109266	108884	0.39	cps
Calcium	44-1	1886252	1849951	1843611	1859938	1.24	cps
Chromium	52-2	473	450	530	484	8.49	cps
Cobalt	59-2	63	33	40	46	34.58	cps
Copper	63-2	79891	79710	80146	79916	0.27	cps
Dysprosium	156-1	25	42	33	33	25.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	92	83	33	69	45.44	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	7254428	7274562	7214621	7247870	0.42	cps
Holmium	165-2	1512543	1504599	1566029	1527724	2.19	cps
Indium	115-1	5879055	5726120	5787486	5797554	1.33	cps
Indium	115-2	241539	242552	240952	241681	0.34	cps
Iron	56-2	20717	19898	20510	20375	2.09	cps
Iron	57-2	578	606	567	583	3.44	cps
Lead	206-1	4479	4334	4151	4321	3.80	cps
Lead	207-1	3445	3812	3578	3612	5.14	cps
Lead	208-1	16966	17739	17011	17239	2.52	cps
Lithium	6-1	1164977	1144371	1138235	1149194	1.22	cps
Magnesium	24-2	22744	23228	22727	22900	1.24	cps
Manganese	55-2	2264	2470	2447	2394	4.73	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-40	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-46-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:10:51	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	325	250	272	16.86	cps
Molybdenum	95-1	142	142	167	150	9.63	cps
Molybdenum	96-1	225	242	292	253	13.73	cps
Molybdenum	97-1	100	92	100	97	4.95	cps
Molybdenum	98-1	267	342	192	267	28.12	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1147	1030	1037	1071	6.12	cps
Phosphorus	31-2	167	233	233	211	18.23	cps
Potassium	39-2	7836	8511	7853	8067	4.78	cps
Rhodium	103-1	5406882	5359575	5401835	5389430	0.48	cps
Rhodium	103-2	1367671	1376389	1355654	1366571	0.76	cps
Scandium	45-1	3290988	3218840	3259561	3256463	1.11	cps
Scandium	45-2	24381	25026	25016	24808	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-19	28	-54	-15	-272.41	cps
Silicon	28-1	2795375	2738578	2743354	2759102	1.14	cps
Silver	109-1	58	67	92	72	24.02	cps
Silver	107-1	67	58	75	67	12.50	cps
Sodium	23-2	491580	496122	494283	493995	0.46	cps
Strontium	86-1	44674	42701	43245	43540	2.34	cps
Strontium	88-1	383320	370237	370298	374618	2.01	cps
Sulfur	34-1	364192	368634	369965	367597	0.82	cps
Terbium	159-1	7517812	7511644	7475066	7501507	0.31	cps
Terbium	159-2	1474941	1464219	1493081	1477414	0.99	cps
Thallium	203-1	125	125	108	119	8.06	cps
Thallium	205-1	250	342	283	292	15.91	cps
Tin	118-1	583	550	592	575	3.83	cps
Titanium	47-1	358	275	483	372	28.17	cps
Uranium	238-1	283	267	225	258	11.63	cps
Vanadium	51-2	53	33	30	39	32.45	cps
Yttrium	89-1	6025476	5904152	5890586	5940071	1.25	cps
Yttrium	89-2	174140	175516	174298	174651	0.43	cps
Zinc	66-2	1023	867	993	961	8.65	cps
Zirconium	90-1	592	400	425	472	22.07	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-40	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-46-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:10:51	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	83	167	125	33.33	cps

LB Number : LB91175 Operator : Jaswal
 Lab Sample ID : I6128-41 Instrumnet Name : P8
 Client Sample ID : ARCHDIO-MISC2-47-FL Dilution Factor : 1
 Date & Time Acquired :: 2017-10-27 15:14:00 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	33	86	55.03	cps
Antimony	121-1	375	492	433	433	13.46	cps
Arsenic	75-2	33	20	30	28	24.03	cps
Barium	135-1	20583	21426	21652	21221	2.65	cps
Barium	137-1	36661	37178	35005	36281	3.13	cps
Beryllium	9-1	22	22	50	31	50.95	cps
Bismuth	209-1	4942201	4911554	4900464	4918073	0.44	cps
Bismuth	209-2	1262326	1255933	1254671	1257643	0.33	cps
Boron	10-1	542	458	542	514	9.36	cps
Boron	11-1	2909	2950	2884	2914	1.16	cps
Cadmium	111-1	781	673	823	759	10.18	cps
Cadmium	106-1	1092	950	1158	1067	9.97	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	109064	110004	108250	109106	0.80	cps
Calcium	44-1	1864127	1848970	1845955	1853017	0.53	cps
Chromium	52-2	453	513	483	483	6.21	cps
Cobalt	59-2	53	40	40	44	17.32	cps
Copper	63-2	111573	109303	110172	110350	1.04	cps
Dysprosium	156-1	50	17	50	39	49.48	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	7291978	7207321	7259700	7253000	0.59	cps
Holmium	165-2	1524108	1519649	1509154	1517637	0.51	cps
Indium	115-1	5886501	5789847	5742063	5806137	1.27	cps
Indium	115-2	243015	243957	243689	243554	0.20	cps
Iron	56-2	15898	15837	15832	15856	0.23	cps
Iron	57-2	350	383	411	381	8.02	cps
Lead	206-1	13847	13635	13719	13734	0.78	cps
Lead	207-1	11789	11450	11672	11637	1.48	cps
Lead	208-1	53929	53440	52833	53401	1.03	cps
Lithium	6-1	1145404	1151095	1133960	1143486	0.76	cps
Magnesium	24-2	22802	22802	22527	22711	0.70	cps
Manganese	55-2	1753	1613	1700	1689	4.18	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-41	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-47-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:14:00	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	283	300	269	14.62	cps
Molybdenum	95-1	250	183	158	197	24.03	cps
Molybdenum	96-1	225	158	283	222	28.15	cps
Molybdenum	97-1	75	167	83	108	46.79	cps
Molybdenum	98-1	233	275	267	258	8.53	cps
Neodymium	150-1	40	13	0	18	114.57	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	370	400	407	392	4.98	cps
Phosphorus	31-2	158	183	233	192	19.93	cps
Potassium	39-2	7886	7802	7828	7839	0.55	cps
Rhodium	103-1	5422307	5332783	5317263	5357451	1.06	cps
Rhodium	103-2	1387141	1379817	1364326	1377095	0.85	cps
Scandium	45-1	3274910	3239291	3213343	3242515	0.95	cps
Scandium	45-2	25106	24949	25099	25051	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-40	67	7	11	468.84	cps
Silicon	28-1	2755530	2745955	2884608	2795364	2.77	cps
Silver	109-1	8	33	17	19	65.47	cps
Silver	107-1	75	42	75	64	30.12	cps
Sodium	23-2	502559	499538	502090	501395	0.32	cps
Strontium	86-1	42660	43654	41874	42729	2.09	cps
Strontium	88-1	377400	368740	366699	370947	1.53	cps
Sulfur	34-1	365804	363175	366571	365183	0.49	cps
Terbium	159-1	7527092	7539223	7426401	7497572	0.83	cps
Terbium	159-2	1481472	1472801	1464273	1472849	0.58	cps
Thallium	203-1	108	92	58	86	29.56	cps
Thallium	205-1	200	208	250	219	12.21	cps
Tin	118-1	2917	3017	3000	2978	1.80	cps
Titanium	47-1	325	400	17307	6011	162.76	cps
Uranium	238-1	183	308	200	231	29.44	cps
Vanadium	51-2	40	57	23	40	41.68	cps
Yttrium	89-1	5975198	5900045	5948672	5941305	0.64	cps
Yttrium	89-2	176700	174900	174083	175228	0.76	cps
Zinc	66-2	19744	20262	20355	20120	1.64	cps
Zirconium	90-1	408	525	308	414	26.20	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-41	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-47-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:14:00	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	92	150	114	27.70	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-42	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-48-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:17:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	100	117	14.29	cps
Antimony	121-1	342	333	350	342	2.44	cps
Arsenic	75-2	30	37	28	31	15.56	cps
Barium	135-1	22687	22762	21535	22328	3.08	cps
Barium	137-1	39594	40471	39844	39970	1.13	cps
Beryllium	9-1	22	50	56	43	41.93	cps
Bismuth	209-1	4974557	4917954	4816587	4903033	1.63	cps
Bismuth	209-2	1252073	1240475	1238844	1243797	0.58	cps
Boron	10-1	433	508	533	492	10.58	cps
Boron	11-1	2325	2717	2817	2620	9.92	cps
Cadmium	111-1	638	789	795	741	11.96	cps
Cadmium	106-1	900	1142	1133	1058	12.96	cps
Cadmium	108-1	0	21	4	8	132.26	cps
Calcium	43-1	108922	108862	107133	108306	0.94	cps
Calcium	44-1	1851826	1868815	1805873	1842171	1.77	cps
Chromium	52-2	510	563	490	521	7.27	cps
Cobalt	59-2	47	30	57	44	30.31	cps
Copper	63-2	76982	75403	75718	76034	1.10	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	7241769	7201118	7156225	7199704	0.59	cps
Holmium	165-2	1516544	1506572	1494969	1506028	0.72	cps
Indium	115-1	5780980	5786779	5719981	5762580	0.64	cps
Indium	115-2	242758	242000	242795	242518	0.18	cps
Iron	56-2	20238	19548	19381	19722	2.30	cps
Iron	57-2	483	439	589	504	15.30	cps
Lead	206-1	2761	2673	2734	2723	1.67	cps
Lead	207-1	2122	2250	1978	2117	6.44	cps
Lead	208-1	10541	10799	10346	10562	2.15	cps
Lithium	6-1	1126999	1130101	1102561	1119887	1.35	cps
Magnesium	24-2	22819	21934	22252	22335	2.01	cps
Manganese	55-2	2267	2380	2347	2331	2.50	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-42	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-48-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:17:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	267	333	286	14.37	cps
Molybdenum	95-1	125	175	200	167	22.91	cps
Molybdenum	96-1	342	192	233	256	30.30	cps
Molybdenum	97-1	167	133	75	125	37.12	cps
Molybdenum	98-1	317	225	225	256	20.71	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	203	200	203	202	0.95	cps
Phosphorus	31-2	208	300	158	222	32.33	cps
Potassium	39-2	8153	7652	8486	8097	5.18	cps
Rhodium	103-1	5401403	5317053	5249642	5322699	1.43	cps
Rhodium	103-2	1378541	1355219	1355502	1363087	0.98	cps
Scandium	45-1	3231389	3234369	3203964	3223241	0.52	cps
Scandium	45-2	25520	25323	24919	25254	1.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	42	-7	16	17	145.76	cps
Silicon	28-1	2725335	2897492	2738279	2787035	3.44	cps
Silver	109-1	25	83	67	58	51.51	cps
Silver	107-1	100	58	92	83	26.45	cps
Sodium	23-2	495005	490567	488960	491511	0.64	cps
Strontium	86-1	42475	42743	42325	42514	0.50	cps
Strontium	88-1	372400	369800	368806	370335	0.50	cps
Sulfur	34-1	368417	369075	369176	368890	0.11	cps
Terbium	159-1	7499209	7455324	7397466	7450666	0.68	cps
Terbium	159-2	1475532	1464057	1457076	1465555	0.64	cps
Thallium	203-1	142	83	108	111	26.34	cps
Thallium	205-1	333	267	192	264	26.86	cps
Tin	118-1	575	450	675	567	19.89	cps
Titanium	47-1	408	342	367	372	9.05	cps
Uranium	238-1	300	300	342	314	7.66	cps
Vanadium	51-2	57	43	37	46	22.36	cps
Yttrium	89-1	5952341	5931037	5892396	5925258	0.51	cps
Yttrium	89-2	177199	174981	175363	175848	0.67	cps
Zinc	66-2	1167	1103	1113	1128	3.02	cps
Zirconium	90-1	500	592	475	522	11.76	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	I6128-42	Instrumnet Name :	P8
Client Sample ID :	ARCHDIO-MISC2-48-FL	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:17:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	125	108	108	15.39	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.30	cps
Antimony	121-1	50	25	33	36	35.25	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	42	33	33	36	13.33	cps
Beryllium	9-1	28	33	28	30	10.81	cps
Bismuth	209-1	4037782	4306452	4419740	4254658	4.61	cps
Bismuth	209-2	1157294	1143541	1144414	1148417	0.67	cps
Boron	10-1	117	67	58	81	39.16	cps
Boron	11-1	358	483	408	417	15.10	cps
Cadmium	111-1	553	557	710	606	14.80	cps
Cadmium	106-1	792	792	1008	864	14.48	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	1008	1017	925	983	5.16	cps
Calcium	44-1	12114	11672	12189	11992	2.33	cps
Chromium	52-2	397	343	393	378	7.91	cps
Cobalt	59-2	40	33	60	44	31.23	cps
Copper	63-2	113	57	77	82	34.95	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	5910078	6361607	6509088	6260258	4.99	cps
Holmium	165-2	1390561	1382515	1369831	1380969	0.76	cps
Indium	115-1	4770849	5055481	5211186	5012505	4.45	cps
Indium	115-2	221884	219273	219522	220226	0.65	cps
Iron	56-2	1000	828	872	900	9.93	cps
Iron	57-2	33	33	22	30	21.65	cps
Lead	206-1	2005166	2179838	2248515	2144507	5.85	cps
Lead	207-1	1845892	1986710	2069229	1967277	5.74	cps
Lead	208-1	8274393	8799619	9117448	8730487	4.88	cps
Lithium	6-1	950206	1013705	1045777	1003229	4.85	cps
Magnesium	24-2	50	42	42	44	10.82	cps
Manganese	55-2	3	13	7	8	65.47	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	117	117	117	0.00	cps
Molybdenum	95-1	0	58	17	25	120.18	cps
Molybdenum	96-1	42	100	83	75	40.06	cps
Molybdenum	97-1	42	17	42	33	43.30	cps
Molybdenum	98-1	42	17	83	47	71.32	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	37	30	37	18.18	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	2200	2059	1934	2064	6.46	cps
Rhodium	103-1	4421185	4630305	4825829	4625773	4.37	cps
Rhodium	103-2	1267531	1250571	1253374	1257158	0.72	cps
Scandium	45-1	2690366	2788410	2949755	2809510	4.66	cps
Scandium	45-2	23109	22111	22722	22647	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	21	-53	-2	-11	-329.42	cps
Silicon	28-1	348540	347926	349261	348576	0.19	cps
Silver	109-1	42	50	8	33	66.15	cps
Silver	107-1	67	33	25	42	52.92	cps
Sodium	23-2	4159	4259	4384	4268	2.64	cps
Strontium	86-1	350	375	400	375	6.67	cps
Strontium	88-1	50	125	117	97	42.28	cps
Sulfur	34-1	342910	347770	346846	345842	0.75	cps
Terbium	159-1	6084496	6515004	6759665	6453055	5.30	cps
Terbium	159-2	1358241	1341512	1339419	1346391	0.77	cps
Thallium	203-1	75	100	100	92	15.75	cps
Thallium	205-1	192	133	200	175	20.76	cps
Tin	118-1	383	358	433	392	9.75	cps
Titanium	47-1	108	108	100	106	4.56	cps
Uranium	238-1	50	50	25	42	34.64	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	4859857	5288625	5386813	5178432	5.41	cps
Yttrium	89-2	162395	160129	159616	160713	0.92	cps
Zinc	66-2	43	33	20	32	36.33	cps
Zirconium	90-1	333	383	433	383	13.04	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 15:51:19	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	67	75	92	39.63	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 16:23:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	50	50	50	50	0.00	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	0	8	17	8	100.02	cps
Barium	137-1	0	17	8	8	100.02	cps
Beryllium	9-1	22	61	22	35	63.82	cps
Bismuth	209-1	4416712	4382741	4387870	4395774	0.42	cps
Bismuth	209-2	1131755	1126608	1128092	1128819	0.23	cps
Boron	10-1	67	83	125	92	32.78	cps
Boron	11-1	342	258	317	306	13.99	cps
Cadmium	111-1	583	678	583	615	8.90	cps
Cadmium	106-1	842	967	825	878	8.82	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1158	1033	1250	1147	9.48	cps
Calcium	44-1	11480	11439	11764	11561	1.53	cps
Chromium	52-2	540	620	550	570	7.65	cps
Cobalt	59-2	67	53	40	53	25.00	cps
Copper	63-2	100	77	67	81	21.09	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	17	33	75	42	72.11	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	6470453	6401075	6338405	6403311	1.03	cps
Holmium	165-2	1369168	1353185	1359742	1360698	0.59	cps
Indium	115-1	5190044	5197560	5187810	5191804	0.10	cps
Indium	115-2	219159	220193	219588	219646	0.24	cps
Iron	56-2	845	945	872	887	5.82	cps
Iron	57-2	28	28	28	28	0.00	cps
Lead	206-1	361	278	239	293	21.34	cps
Lead	207-1	261	289	300	283	7.07	cps
Lead	208-1	1306	1306	1245	1285	2.74	cps
Lithium	6-1	1034389	1046599	1036334	1039107	0.63	cps
Magnesium	24-2	100	83	150	111	31.22	cps
Manganese	55-2	3	13	3	7	86.65	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 16:23:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	133	142	125	17.63	cps
Molybdenum	95-1	8	8	8	8	0.00	cps
Molybdenum	96-1	83	67	50	67	25.00	cps
Molybdenum	97-1	17	25	17	19	24.73	cps
Molybdenum	98-1	17	25	8	17	50.01	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	53	57	63	22.94	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	1942	2092	2200	2078	6.24	cps
Rhodium	103-1	4804684	4796650	4815966	4805767	0.20	cps
Rhodium	103-2	1245649	1246506	1239077	1243744	0.33	cps
Scandium	45-1	2926333	2915751	2922957	2921680	0.19	cps
Scandium	45-2	23316	22712	22906	22978	1.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-59	18	-28	-23	-168.29	cps
Silicon	28-1	354506	349614	348650	350923	0.89	cps
Silver	109-1	25	25	8	19	49.50	cps
Silver	107-1	50	75	17	47	61.97	cps
Sodium	23-2	4051	3801	4101	3984	4.04	cps
Strontium	86-1	542	458	333	444	23.59	cps
Strontium	88-1	83	50	108	81	36.33	cps
Sulfur	34-1	345662	345464	345385	345504	0.04	cps
Terbium	159-1	6705113	6672883	6575226	6651074	1.02	cps
Terbium	159-2	1328285	1318701	1326655	1324547	0.39	cps
Thallium	203-1	25	83	100	69	56.71	cps
Thallium	205-1	142	133	117	131	9.75	cps
Tin	118-1	417	392	408	406	3.14	cps
Titanium	47-1	142	133	108	128	13.57	cps
Uranium	238-1	33	83	25	47	66.82	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Yttrium	89-1	5371417	5280320	5337630	5329789	0.86	cps
Yttrium	89-2	158338	157826	158646	158270	0.26	cps
Zinc	66-2	33	43	17	31	43.29	cps
Zirconium	90-1	417	317	433	389	16.23	cps

LB Number :	LB91175	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-10-27 16:23:30	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	42	92	75	38.49	cps