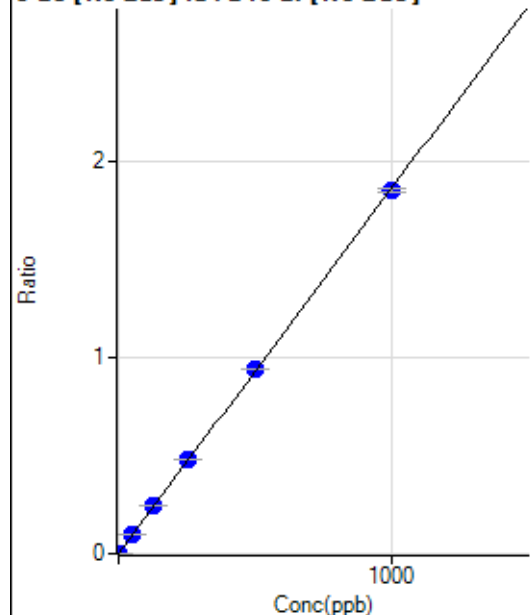


Calibration for 006CAL.S.d

Batch Folder: D:\P8011119-MS.b\
 Analysis File: P8011119-MS.batch.bin
 DA Date-Time: 2019-01-11 20:10:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-11 13:23:04
2			
3	005CAL.S.d	S02	2019-01-11 13:30:27
4	006CAL.S.d	S03	2019-01-11 13:34:19
5	007CAL.S.d	S04	2019-01-11 13:38:10
6	008CAL.S.d	S05	2019-01-11 13:41:58
7	009CAL.S.d	S06	2019-01-11 13:45:42
8	010CAL.S.d	S07	2019-01-11 13:49:19
9	011CAL.S.d	S08	2019-01-11 13:52:50

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	43.6
2	☐	0.100					
3	☐	1.000	0.970	515.57	0.0019	P	2.8
4	☐	50.000	53.066	27474.26	0.0987	P	0.8
5	☐	125.000	132.526	72690.41	0.2465	P	0.8
6	☐	250.000	258.646	147583.86	0.4809	P	0.6
7	☐	500.000	506.491	299779.16	0.9417	P	0.2
8	☐	1000.000	993.499	614793.25	1.8471	P	1.2
9	☐			118.89	0.0004	P	31.8

$$y = 0.0019 * x + 8.1613E-005$$

$$R = 0.9999$$

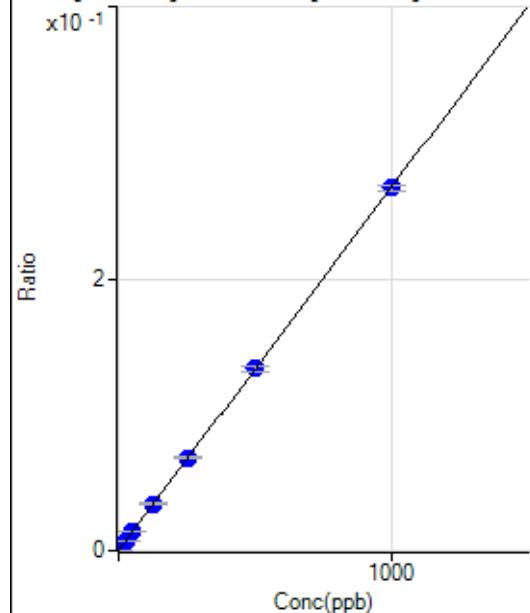
$$DL = 0.05739$$

$$BEC = 0.0439$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0002	P	27.0
2	☐	2.500					
3	☐	25.000	23.602	1772.41	0.0065	P	2.0
4	☐	50.000	51.529	3878.47	0.0139	P	4.0
5	☐	125.000	127.594	10106.73	0.0343	P	2.6
6	☐	250.000	255.170	20971.62	0.0683	P	1.9
7	☐	500.000	500.327	42600.48	0.1338	P	3.0
8	☐	1000.000	998.179	88807.59	0.2668	P	1.8
9	☐			1261.23	0.0038	P	13.1

$$y = 2.6714E-004 * x + 1.7328E-004$$

$$R = 1.0000$$

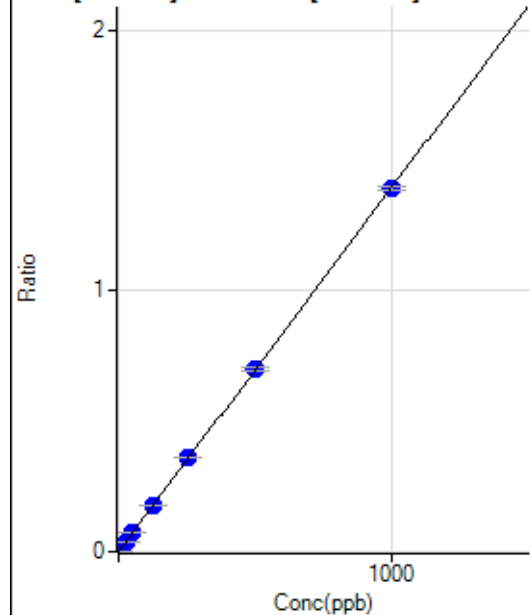
$$DL = 0.5246$$

$$BEC = 0.6487$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.78	0.0006	P	6.8
2	☐	2.500					
3	☐	25.000	23.651	9172.78	0.0335	P	1.7
4	☐	50.000	52.857	20657.32	0.0742	P	3.9
5	☐	125.000	127.303	52502.71	0.1780	P	0.6
6	☐	250.000	257.166	110174.67	0.3590	P	0.8
7	☐	500.000	501.226	222568.25	0.6992	P	1.8
8	☐	1000.000	997.198	462832.30	1.3905	P	0.9
9	☐			6824.16	0.0205	P	9.0

$$y = 0.0014 * x + 5.6079E-004$$

$$R = 1.0000$$

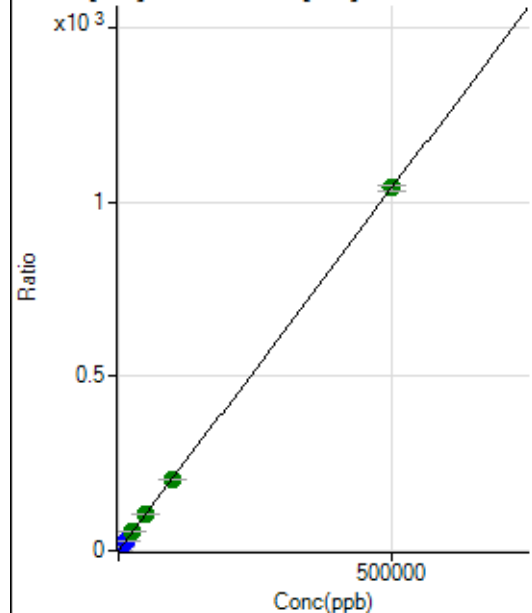
$$DL = 0.08247$$

$$BEC = 0.4023$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13178.84	0.3509	P	4.3
2	☐	50.000					
3	☐	500.000	453.597	48692.94	1.2950	P	1.3
4	☐	5000.000	5093.229	413528.58	10.9515	P	1.5
5	☐	12500.000	12643.211	1029659.97	26.6654	P	0.2
6	☐	25000.000	25883.992	2061220.20	54.2236	A	0.2
7	☐	50000.000	49518.303	3999198.22	103.4141	A	1.2
8	☐	100000.00	96929.815	7931084.29	202.0923	A	0.1
9	☐	500000.00	500613.54	41049633.56	1,042.285	A	1.6

$$y = 0.0021 * x + 0.3509$$

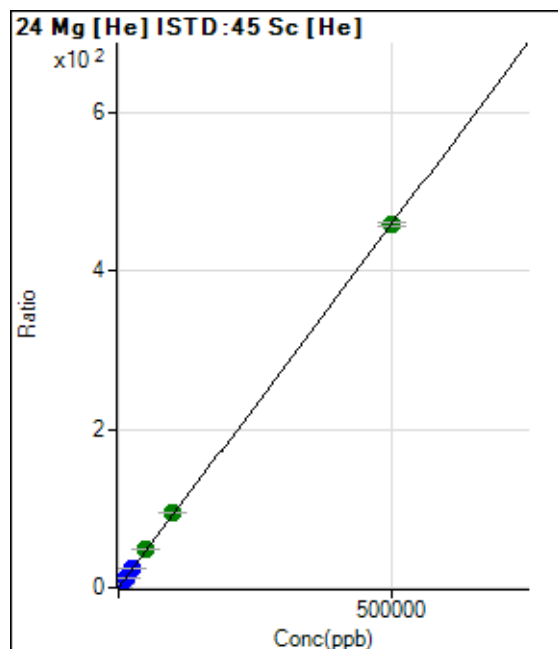
$$R = 1.0000$$

$$DL = 21.72$$

$$BEC = 168.6$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.91	0.0097	P	15.3
2	☐	50.000					
3	☐	500.000	495.592	17461.47	0.4645	P	6.3
4	☐	5000.000	5342.728	185507.71	4.9130	P	1.8
5	☐	12500.000	13176.203	467317.24	12.1023	P	0.9
6	☐	25000.000	26558.296	926903.64	24.3838	P	0.4
7	☐	50000.000	52800.707	1874441.88	48.4680	A	0.7
8	☐	100000.00	103101.42	3713657.07	94.6319	A	1.0
9	☐	500000.00	499001.40	18037421.76	457.9726	A	1.1

$$y = 9.1776\text{E-}004 * x + 0.0097$$

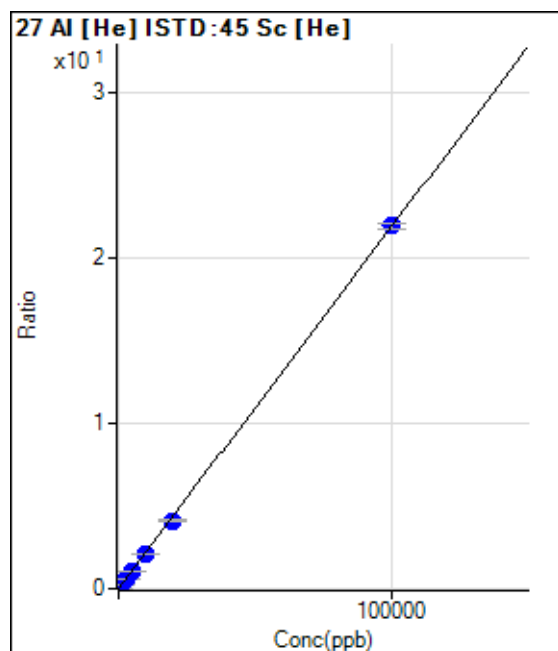
$$R = 1.0000$$

$$DL = 4.831$$

$$BEC = 10.56$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.68	0.0016	P	9.3
2	☐	2.000					
3	☐	20.000	19.160	219.23	0.0058	P	4.7
4	☐	1000.000	997.661	8297.08	0.2197	P	1.2
5	☐	2500.000	2464.750	20864.79	0.5404	P	2.5
6	☐	5000.000	4919.655	40936.38	1.0769	P	0.4
7	☐	10000.000	9501.183	80370.37	2.0783	P	1.9
8	☐	20000.000	18835.326	161614.89	4.1184	P	1.4
9	☐	100000.00	100287.73	863361.18	21.9211	P	1.3

$$y = 2.1857\text{E-}004 * x + 0.0016$$

$$R = 0.9999$$

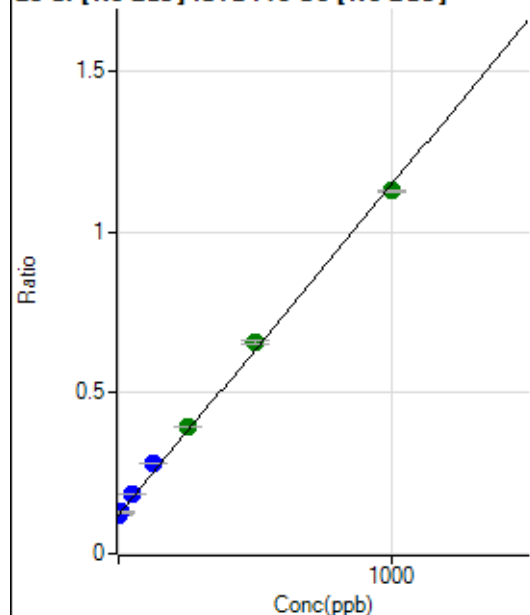
$$DL = 2.104$$

$$BEC = 7.513$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	299449.01	0.1213	P	1.2
2	☐	1.000					
3	☐	10.000	7.909	323681.55	0.1294	P	1.2
4	☐	50.000	61.830	461595.48	0.1848	P	1.5
5	☐	125.000	155.262	706782.15	0.2808	P	0.8
6	☐	250.000	265.927	1011445.43	0.3945	A	0.9
7	☐	500.000	520.816	1676746.30	0.6565	A	1.7
8	☐	1000.000	981.257	2939216.86	1.1296	A	0.4
9	☐			607876.00	0.2320	P	0.6

$$y = 0.0010 * x + 0.1213$$

$$R = 0.9992$$

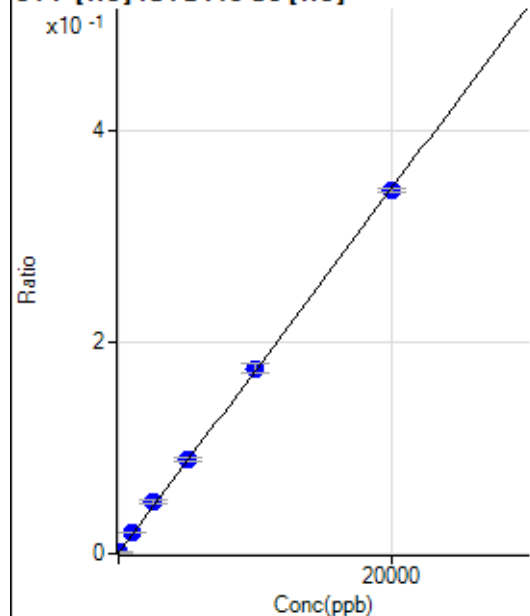
$$DL = 4.343$$

$$BEC = 118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-25.891	5.56	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	25.891	38.89	0.0010	P	54.5
4	☐	1000.000	1133.031	758.39	0.0201	P	4.5
5	☐	2500.000	2797.685	1880.77	0.0487	P	5.2
6	☐	5000.000	5111.308	3364.44	0.0885	P	4.7
7	☐	10000.000	10117.219	6749.15	0.1746	P	4.8
8	☐	20000.000	19869.701	13431.98	0.3423	P	1.0
9	☐			16.67	0.0004	P	49.2

$$y = 1.7196E-005 * x + 5.9324E-004$$

$$R = 0.9999$$

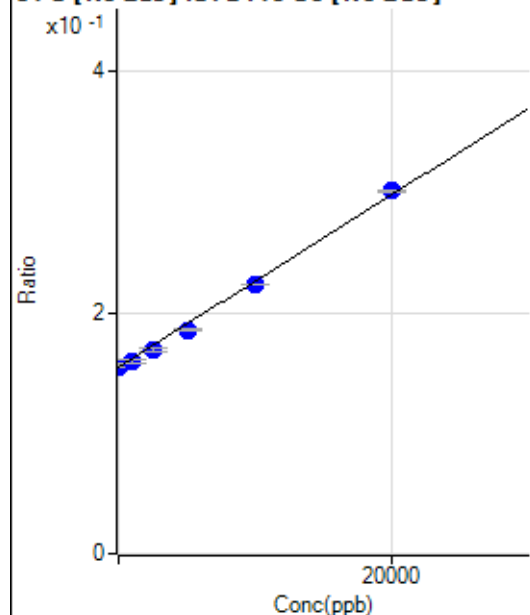
$$DL = 71.76$$

$$BEC = 34.5$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-22.841	381511.28	0.1545	P	1.3
2	☐	0.000					
3	☐	0.000	22.841	387320.65	0.1548	P	1.1
4	☐	1000.000	766.560	400002.84	0.1602	P	1.9
5	☐	2500.000	2007.464	425389.71	0.1690	P	1.3
6	☐	5000.000	4250.186	474398.13	0.1851	P	0.9
7	☐	10000.000	9647.430	571203.01	0.2236	P	0.1
8	☐	20000.000	20436.978	782532.36	0.3007	P	0.5
9	☐			385583.93	0.1471	P	1.1

$$y = 7.1476\text{E-}006 * x + 0.1547$$

$$R = 0.9989$$

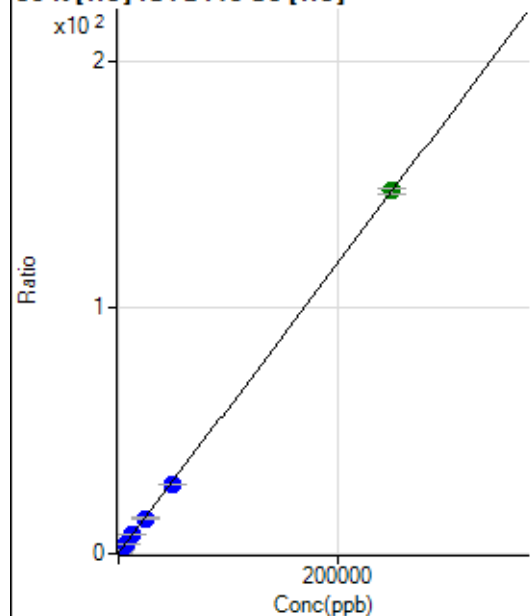
$$DL = 774.1$$

$$BEC = 2.164\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5887.62	0.1568	P	10.0
2	☐	50.000					
3	☐	500.000	440.436	15628.80	0.4156	P	1.8
4	☐	2500.000	2517.100	61786.67	1.6363	P	1.3
5	☐	6250.000	6181.781	146358.85	3.7903	P	0.4
6	☐	12500.000	12461.099	284391.56	7.4812	P	0.4
7	☐	25000.000	24285.062	558109.85	14.4311	P	0.5
8	☐	50000.000	47649.495	1105249.62	28.1643	P	1.0
9	☐	250000.00	250545.19	5806055.25	147.4230	A	1.7

$$y = 5.8778\text{E-}004 * x + 0.1568$$

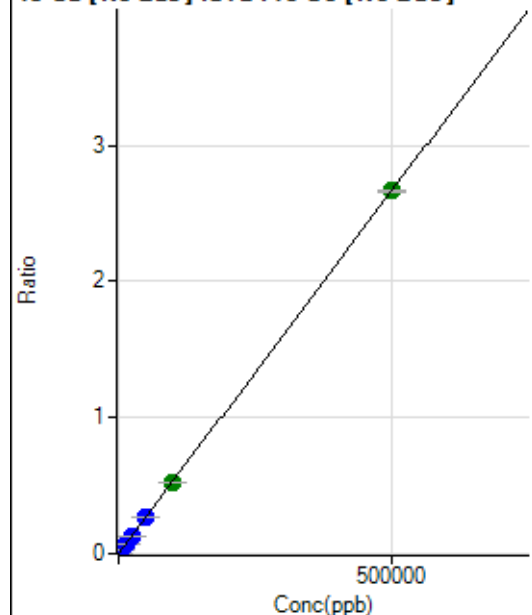
$$R = 0.9999$$

$$DL = 80.14$$

$$BEC = 266.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.12	0.0001	P	10.4
2	☐	50.000					
3	☐	500.000	442.213	6237.04	0.0025	P	4.1
4	☐	5000.000	4846.518	64833.03	0.0260	P	1.6
5	☐	12500.000	12345.338	165871.58	0.0659	P	1.2
6	☐	25000.000	24699.209	337673.59	0.1317	P	0.9
7	☐	50000.000	49222.038	670127.52	0.2624	P	0.4
8	☐	100000.00	99021.265	1372924.58	0.5277	A	0.4
9	☐	500000.00	500294.04	6985007.88	2.6654	A	0.7

$$y = 5.3273\text{E-}006 * x + 1.3810\text{E-}004$$

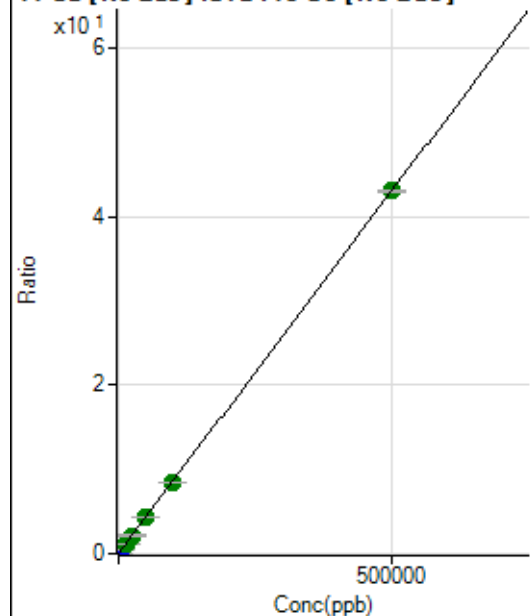
$$R = 1.0000$$

$$DL = 8.052$$

$$BEC = 25.92$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75733.64	0.0307	P	1.1
2	☐	50.000					
3	☐	500.000	443.852	172045.06	0.0688	P	1.5
4	☐	5000.000	4953.282	1138918.69	0.4560	P	0.6
5	☐	12500.000	12426.537	2762552.88	1.0976	A	0.2
6	☐	25000.000	24634.278	5500485.34	2.1457	A	2.0
7	☐	50000.000	48893.523	10800823.59	4.2286	A	0.2
8	☐	100000.00	98253.134	22029032.17	8.4665	A	0.9
9	☐	500000.00	500480.66	112692753.8	43.0011	A	0.6

$$y = 8.5858\text{E-}005 * x + 0.0307$$

$$R = 1.0000$$

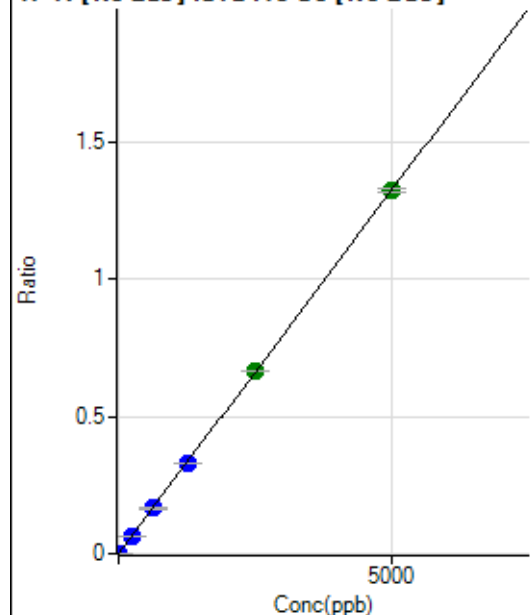
$$DL = 11.71$$

$$BEC = 357.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0001	P	52.5
2	☐	0.500					
3	☐	5.000	4.694	3242.21	0.0013	P	3.7
4	☐	250.000	246.334	162781.27	0.0652	P	0.5
5	☐	625.000	623.259	414765.43	0.1648	P	0.7
6	☐	1250.000	1238.032	839040.46	0.3273	P	1.0
7	☐	2500.000	2518.679	1700573.65	0.6658	A	0.4
8	☐	5000.000	4994.054	3434739.96	1.3201	A	1.1
9	☐			1005.64	0.0004	P	14.9

$$y = 2.6432E-004 * x + 5.5096E-005$$

$$R = 1.0000$$

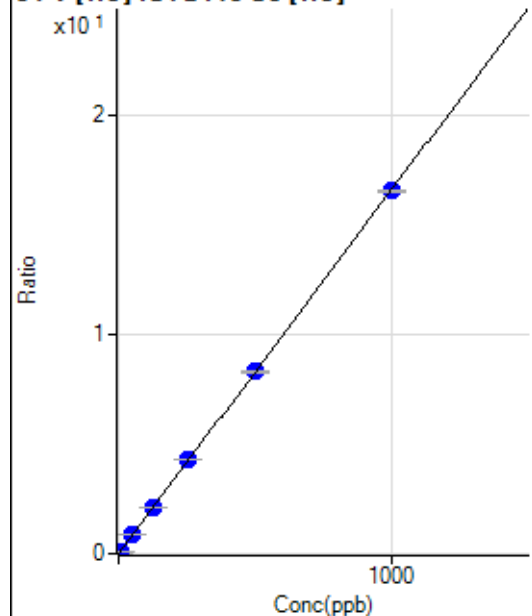
$$DL = 0.3283$$

$$BEC = 0.2084$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.55	0.0007	P	27.5
2	☐	0.500					
3	☐	5.000	4.740	2982.59	0.0793	P	2.4
4	☐	50.000	51.521	32307.41	0.8554	P	0.5
5	☐	125.000	126.900	81321.07	2.1060	P	0.9
6	☐	250.000	257.811	162610.31	4.2778	P	0.8
7	☐	500.000	501.093	321522.68	8.3140	P	1.0
8	☐	1000.000	997.188	649275.91	16.5443	P	0.2
9	☐			151.11	0.0038	P	11.0

$$y = 0.0166 * x + 6.8069E-004$$

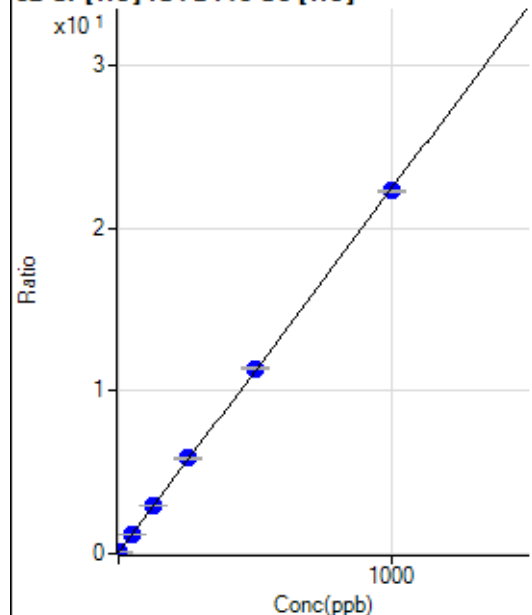
$$R = 1.0000$$

$$DL = 0.03391$$

$$BEC = 0.04103$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2240.22	0.0596	P	2.8
2	☐	0.200					
3	☐	2.000	1.830	3782.80	0.1006	P	4.8
4	☐	50.000	52.316	46500.59	1.2315	P	1.3
5	☐	125.000	128.586	113517.98	2.9398	P	0.5
6	☐	250.000	260.150	223758.83	5.8866	P	1.1
7	☐	500.000	505.565	440228.62	11.3835	P	1.0
8	☐	1000.000	994.116	876169.31	22.3264	P	0.7
9	☐			15627.84	0.3968	P	1.4

$$y = 0.0224 * x + 0.0596$$

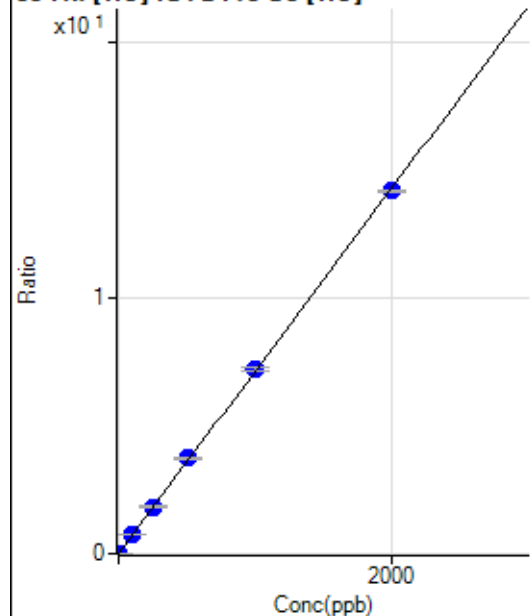
$$R = 0.9999$$

$$DL = 0.2268$$

$$BEC = 2.663$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0022	P	3.7
2	☐	0.100					
3	☐	1.000	0.998	351.12	0.0093	P	12.8
4	☐	100.000	103.953	28101.81	0.7442	P	1.5
5	☐	250.000	257.716	71118.93	1.8418	P	0.9
6	☐	500.000	521.951	141709.20	3.7279	P	0.4
7	☐	1000.000	1011.830	279382.22	7.2247	P	1.6
8	☐	2000.000	1987.435	556806.46	14.1885	P	0.7
9	☐			3117.07	0.0791	P	2.8

$$y = 0.0071 * x + 0.0022$$

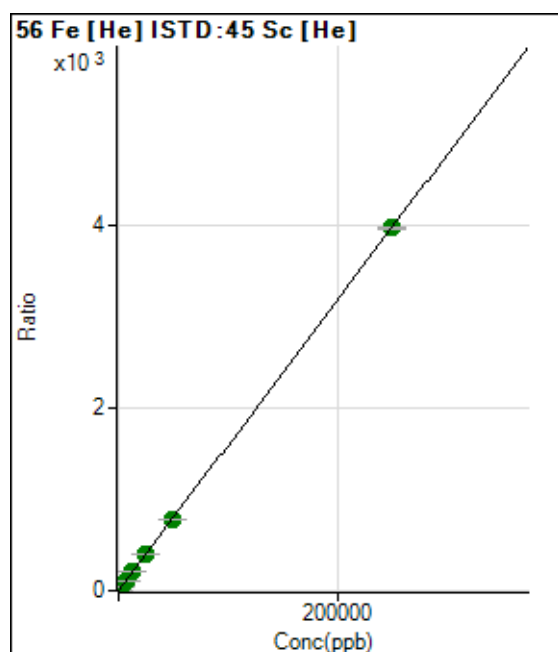
$$R = 0.9999$$

$$DL = 0.03465$$

$$BEC = 0.3108$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4951.02	0.1318	P	2.7
2	☐	5.000					
3	☐	50.000	50.956	35319.50	0.9393	P	1.3
4	☐	2500.000	2637.703	1583279.51	41.9322	A	2.0
5	☐	6250.000	6397.554	3919875.06	101.5155	A	1.1
6	☐	12500.000	12986.955	7828418.63	205.9395	A	0.6
7	☐	25000.000	25163.319	15426485.30	398.9015	A	1.2
8	☐	50000.000	49060.571	30515545.82	777.6074	A	1.0
9	☐	250000.00	250142.14	156139175.7	3,964.199	A	0.4

$$y = 0.0158 * x + 0.1318$$

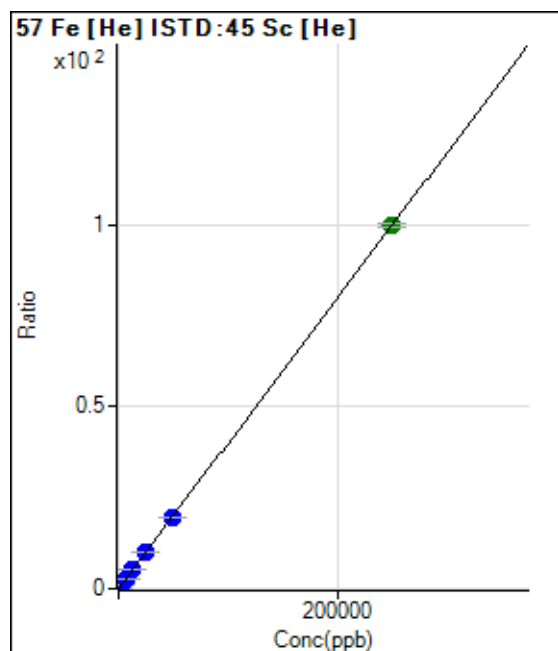
$$R = 1.0000$$

$$DL = 0.6806$$

$$BEC = 8.318$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0036	P	23.5
2	☐	5.000					
3	☐	50.000	51.206	900.06	0.0239	P	8.9
4	☐	2500.000	2624.763	39610.47	1.0491	P	2.3
5	☐	6250.000	6363.759	98022.05	2.5385	P	1.5
6	☐	12500.000	12964.138	196441.54	5.1678	P	0.7
7	☐	25000.000	25023.503	385611.56	9.9716	P	1.5
8	☐	50000.000	49243.470	769934.67	19.6196	P	1.0
9	☐	250000.00	250121.65	3924398.35	99.6391	A	1.1

$$y = 3.9835E-004 * x + 0.0036$$

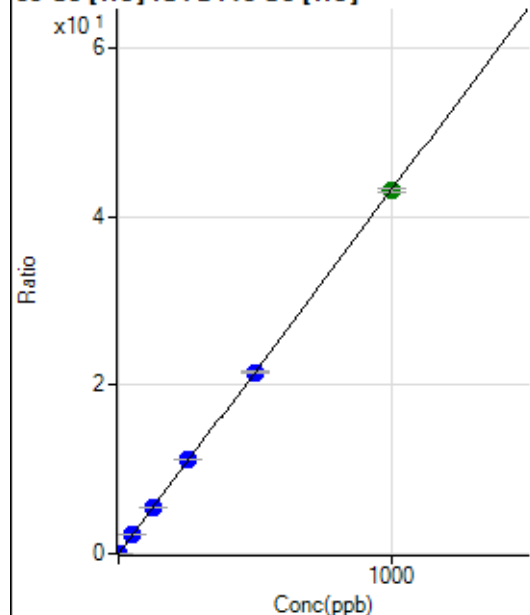
$$R = 1.0000$$

$$DL = 6.282$$

$$BEC = 8.916$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0033	P	9.5
2	☐	0.100					
3	☐	1.000	0.968	1697.91	0.0452	P	2.8
4	☐	50.000	52.115	85169.54	2.2555	P	2.2
5	☐	125.000	128.572	214684.55	5.5597	P	0.6
6	☐	250.000	260.143	427478.55	11.2456	P	0.4
7	☐	500.000	498.995	834031.47	21.5678	P	1.7
8	☐	1000.000	997.414	1691669.59	43.1074	A	0.9
9	☐			21099.57	0.5358	P	2.2

$$y = 0.0432 * x + 0.0033$$

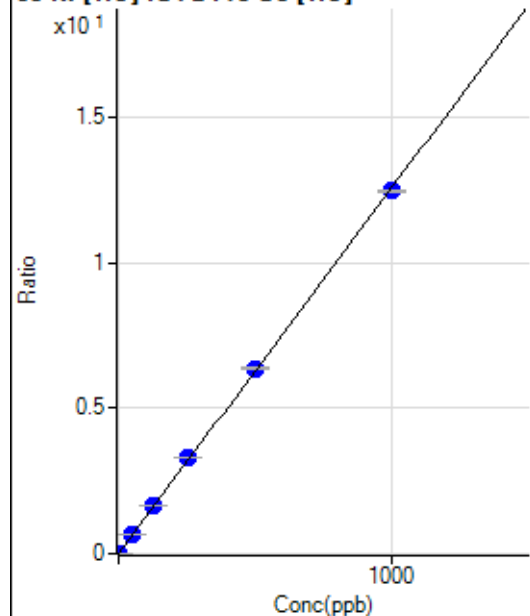
$$R = 0.9999$$

$$DL = 0.02213$$

$$BEC = 0.07732$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0028	P	11.3
2	☐	0.100					
3	☐	1.000	1.016	586.69	0.0156	P	3.8
4	☐	50.000	52.956	25209.65	0.6675	P	1.1
5	☐	125.000	130.465	63345.57	1.6405	P	0.6
6	☐	250.000	263.018	125610.59	3.3043	P	0.8
7	☐	500.000	506.713	246069.25	6.3632	P	1.5
8	☐	1000.000	992.558	489043.45	12.4616	P	0.4
9	☐			9711.32	0.2466	P	3.5

$$y = 0.0126 * x + 0.0028$$

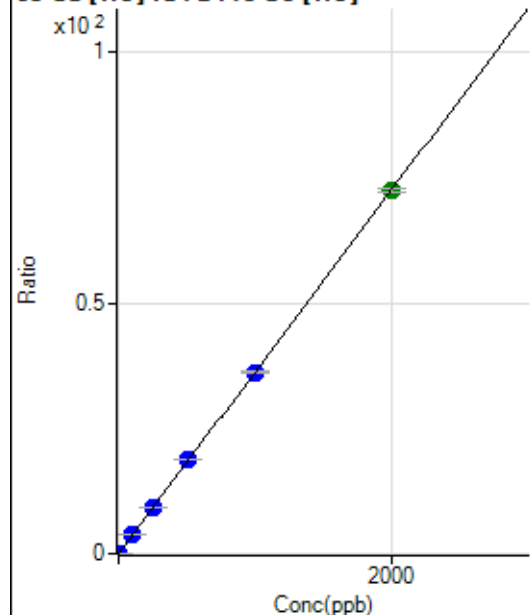
$$R = 0.9999$$

$$DL = 0.0765$$

$$BEC = 0.2263$$

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	148.89	0.0040	P	6.5
2	☐	0.200					
3	☐	2.000	1.906	2746.99	0.0731	P	3.5
4	☐	100.000	104.887	143727.61	3.8069	P	2.6
5	☐	250.000	257.792	361077.29	9.3508	P	0.8
6	☐	500.000	521.084	718344.28	18.8971	P	0.2
7	☐	1000.000	996.306	1397109.93	36.1274	P	1.3
8	☐	2000.000	1995.358	2839219.82	72.3504	A	1.2
9	☐			4270.73	0.1084	P	4.1

$$y = 0.0363 * x + 0.0040$$

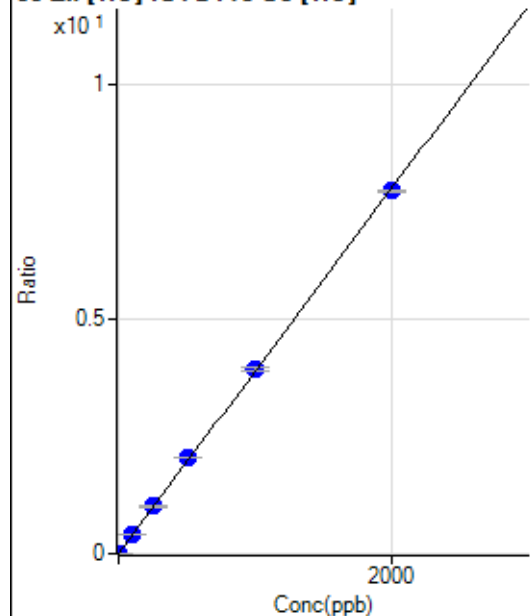
$$R = 0.9999$$

$$DL = 0.02117$$

$$BEC = 0.1093$$

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	84.44	0.0022	P	25.2
2	☐	0.200					
3	☐	2.000	2.060	385.57	0.0103	P	3.2
4	☐	100.000	103.532	15286.41	0.4049	P	2.0
5	☐	250.000	257.792	38797.69	1.0047	P	0.2
6	☐	500.000	523.785	77517.36	2.0391	P	0.4
7	☐	1000.000	1010.641	152075.00	3.9324	P	1.2
8	☐	2000.000	1987.583	303411.26	7.7316	P	0.9
9	☐			3018.16	0.0766	P	2.6

$$y = 0.0039 * x + 0.0022$$

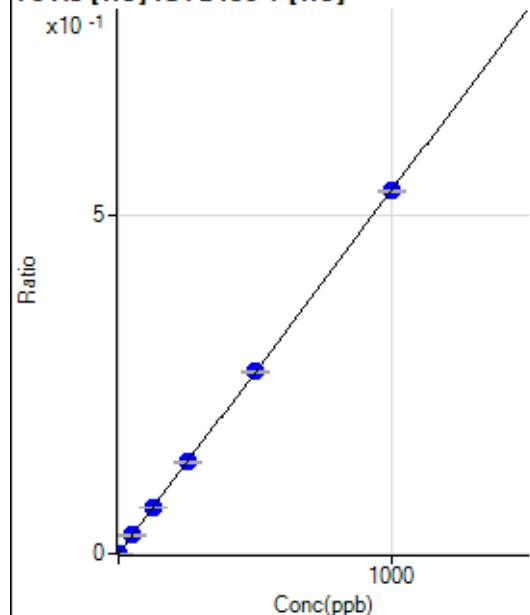
$$R = 0.9999$$

$$DL = 0.4363$$

$$BEC = 0.5776$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9.88	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	0.855	102.47	0.0005	P	21.2
4	☐	50.000	50.344	5515.36	0.0271	P	3.9
5	☐	125.000	125.190	13990.50	0.0672	P	0.3
6	☐	250.000	251.842	28227.62	0.1352	P	1.1
7	☐	500.000	501.126	55746.97	0.2689	P	0.4
8	☐	1000.000	998.936	113167.71	0.5360	P	0.7
9	☐			186.42	0.0009	P	7.5

$$y = 5.3652\text{E-}004 * x + 4.8860\text{E-}005$$

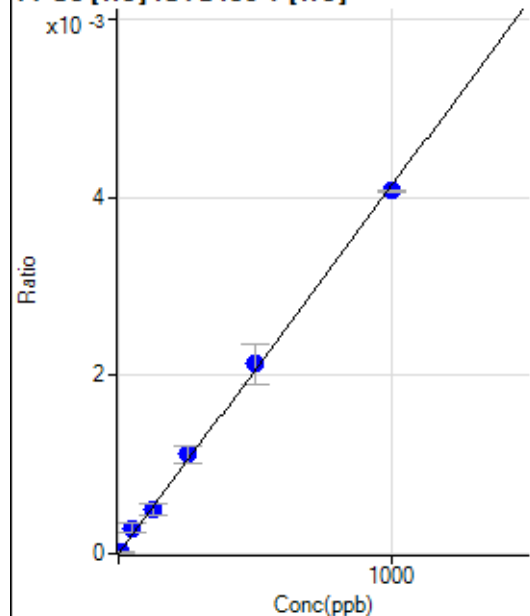
$$R = 1.0000$$

$$DL = 0.02712$$

$$BEC = 0.09107$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.001	3.33	0.0000	P	99.7
4	☐	50.000	70.055	58.89	0.0003	P	31.7
5	☐	125.000	120.208	103.34	0.0005	P	23.0
6	☐	250.000	270.690	233.34	0.0011	P	18.0
7	☐	500.000	515.511	441.12	0.0021	P	21.3
8	☐	1000.000	986.673	860.04	0.0041	P	0.3
9	☐			3.33	0.0000	P	0.4

$$y = 4.1284\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

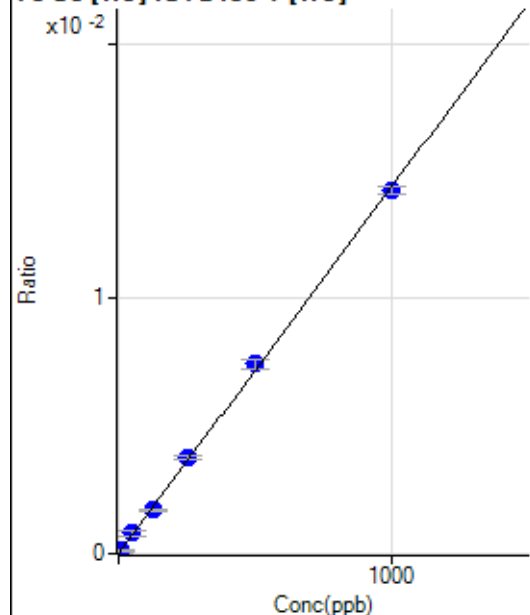
$$DL = 0$$

$$BEC = 0$$

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	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	8.295	25.31	0.0001	P	36.3
4	☐	50.000	55.423	163.58	0.0008	P	25.8
5	☐	125.000	117.665	353.10	0.0017	P	3.2
6	☐	250.000	263.325	791.39	0.0038	P	4.6
7	☐	500.000	516.483	1538.99	0.0074	P	5.7
8	☐	1000.000	989.057	3000.98	0.0142	P	2.1
9	☐			4.32	0.0000	P	25.2

$$y = 1.4365\text{E-}005 * x + 6.1012\text{E-}006$$

$$R = 0.9996$$

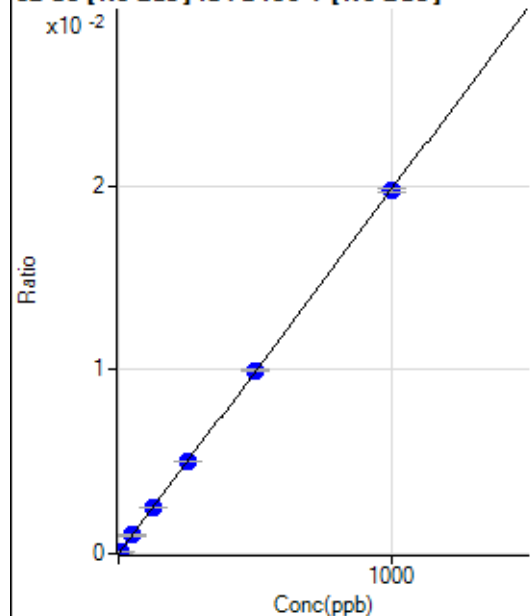
$$DL = 1.104$$

$$BEC = 0.4247$$

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	-85.93	0.0000	P	-70.
2	☐	0.500					
3	☐	5.000	4.376	202.39	0.0001	P	35.4
4	☐	50.000	50.408	3247.69	0.0010	P	1.9
5	☐	125.000	127.646	8447.83	0.0025	P	2.6
6	☐	250.000	254.285	17246.22	0.0050	P	1.2
7	☐	500.000	504.156	34157.21	0.0100	P	1.2
8	☐	1000.000	996.503	69290.33	0.0198	P	1.1
9	☐			13.66	0.0000	P	326.

$$y = 1.9878\text{E-}005 * x - 2.5904\text{E-}005$$

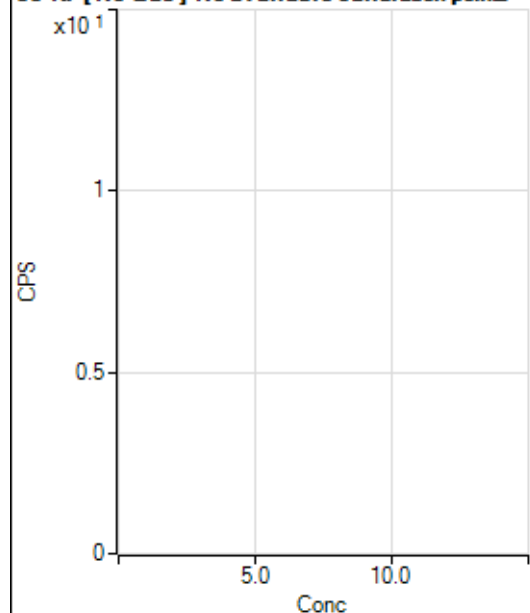
$$R = 1.0000$$

$$DL = 2.758$$

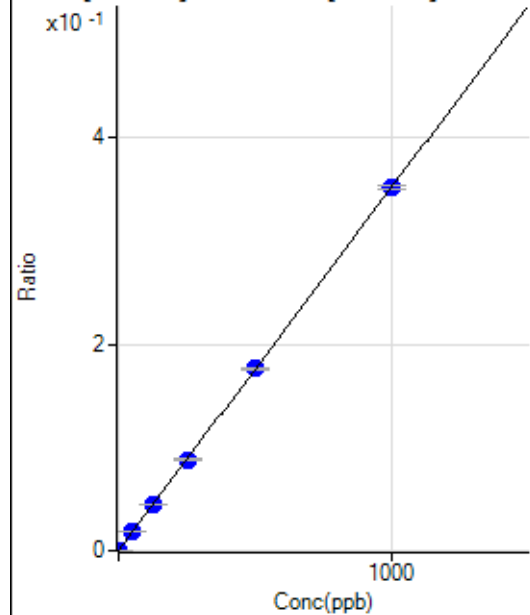
$$BEC = -1.303$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			548.91		P	8.2
2	☐						
3	☐			551.13		P	6.6
4	☐			568.91		P	8.5
5	☐			507.80		P	11.2
6	☐			531.13		P	9.1
7	☐			534.47		P	4.4
8	☐			521.13		P	9.9
9	☐			515.57		P	8.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	772.28	0.0002	P	8.8
2	☐	0.100					
3	☐	1.000	0.804	1705.74	0.0005	P	10.1
4	☐	50.000	50.378	59687.13	0.0179	P	1.1
5	☐	125.000	127.117	151074.02	0.0449	P	0.4
6	☐	250.000	250.818	303144.53	0.0884	P	1.5
7	☐	500.000	501.251	602875.34	0.1764	P	0.6
8	☐	1000.000	998.887	1230606.77	0.3513	P	0.9
9	☐			6068.30	0.0018	P	5.0

$$y = 3.5151\text{E-}004 * x + 2.3168\text{E-}004$$

$$R = 1.0000$$

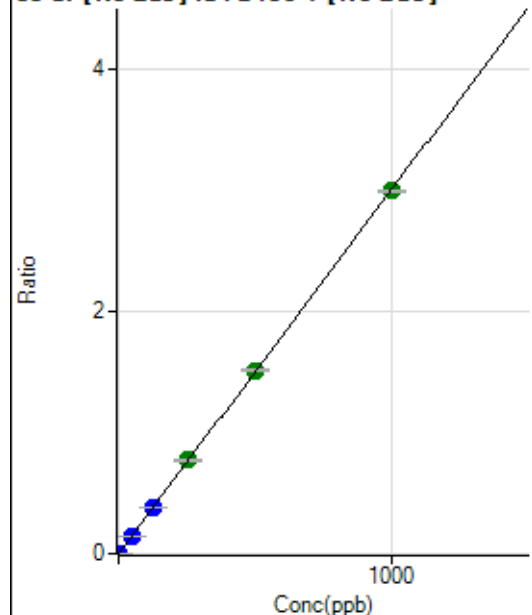
$$DL = 0.174$$

$$BEC = 0.6591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	0.920	9222.99	0.0028	P	1.9
4	☐	50.000	49.903	498959.48	0.1500	P	0.1
5	☐	125.000	125.879	1272327.53	0.3783	P	0.3
6	☐	250.000	256.349	2641781.55	0.7703	A	1.0
7	☐	500.000	503.414	5169135.19	1.5127	A	1.0
8	☐	1000.000	996.601	10488918.46	2.9946	A	0.8
9	☐			46764.56	0.0136	P	0.9

$$y = 0.0030 * x + 1.7458E-005$$

$$R = 1.0000$$

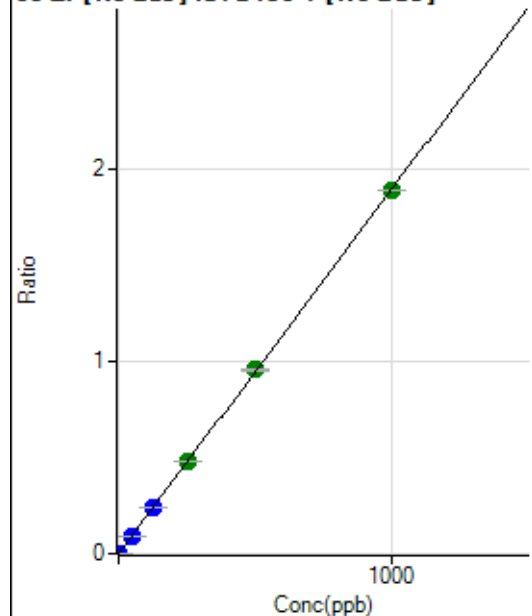
$$DL = 0.00638$$

$$BEC = 0.00581$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0001	P	33.1
2	☐	0.100					
3	☐	1.000	0.932	6054.39	0.0018	P	1.8
4	☐	50.000	49.150	310140.48	0.0932	P	0.3
5	☐	125.000	125.008	797173.10	0.2370	P	0.6
6	☐	250.000	253.036	1644952.26	0.4797	A	1.2
7	☐	500.000	505.613	3274984.75	0.9584	A	0.9
8	☐	1000.000	996.476	6615729.53	1.8888	A	0.2
9	☐			2758.74	0.0008	P	3.8

$$y = 0.0019 * x + 5.8454E-005$$

$$R = 1.0000$$

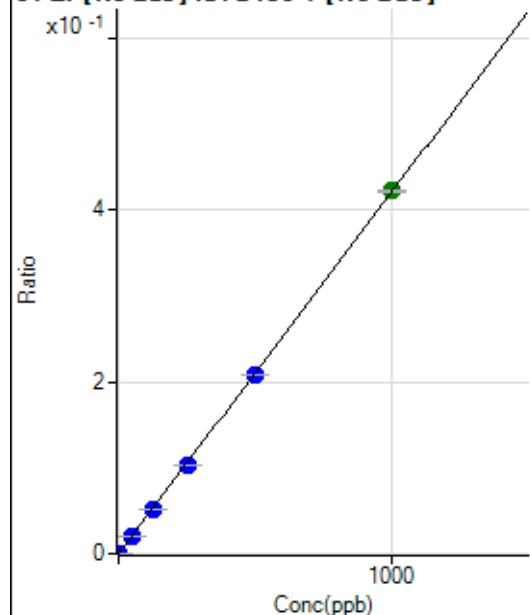
$$DL = 0.03065$$

$$BEC = 0.03084$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	25.7
2	☐	0.100					
3	☐	1.000	0.960	1377.91	0.0004	P	8.3
4	☐	50.000	49.307	69053.72	0.0208	P	0.4
5	☐	125.000	124.735	176544.44	0.0525	P	0.4
6	☐	250.000	245.406	354100.14	0.1033	P	1.0
7	☐	500.000	494.963	711587.94	0.2082	P	0.9
8	☐	1000.000	1003.735	1479078.84	0.4223	A	0.5
9	☐			580.60	0.0002	P	16.8

$$y = 4.2069\text{E-}004 * x + 1.1685\text{E-}005$$

$$R = 1.0000$$

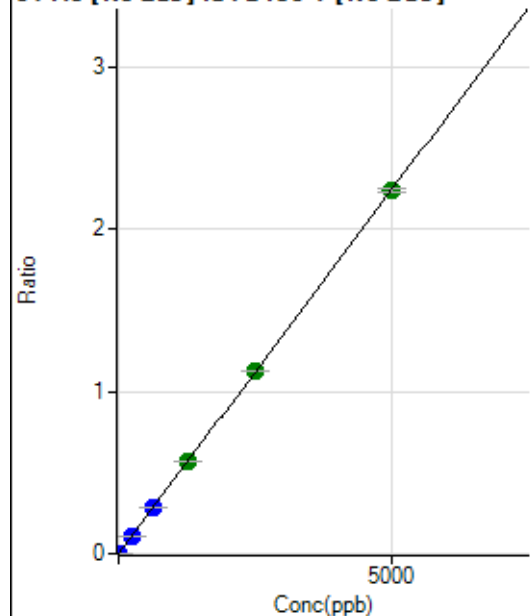
$$DL = 0.02142$$

$$BEC = 0.02777$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.23	0.0000	P	20.2
2	☐	0.500					
3	☐	5.000	4.541	6899.31	0.0021	P	5.2
4	☐	250.000	248.132	370336.89	0.1113	P	0.4
5	☐	625.000	627.815	947074.60	0.2816	P	0.3
6	☐	1250.000	1266.330	1947498.28	0.5679	A	1.3
7	☐	2500.000	2513.674	3851877.69	1.1272	A	0.6
8	☐	5000.000	4988.823	7835528.04	2.2371	A	1.1
9	☐			5031.74	0.0015	P	1.1

$$y = 4.4841\text{E-}004 * x + 4.4111\text{E-}005$$

$$R = 1.0000$$

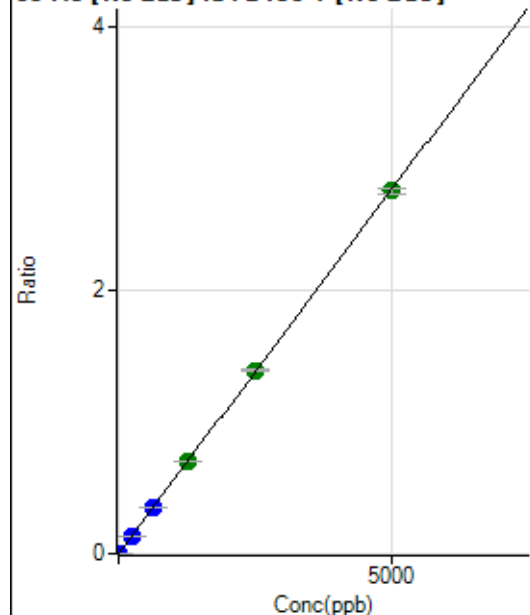
$$DL = 0.05976$$

$$BEC = 0.09837$$

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	47.23	0.0000	P	56.2
2	☐	0.500					
3	☐	5.000	4.820	8872.75	0.0027	P	2.1
4	☐	250.000	247.235	454262.31	0.1365	P	0.5
5	☐	625.000	625.750	1162292.54	0.3455	P	0.2
6	☐	1250.000	1270.097	2405326.66	0.7014	A	0.7
7	☐	2500.000	2521.865	4758848.37	1.3926	A	1.0
8	☐	5000.000	4984.088	9639483.98	2.7522	A	1.3
9	☐			6788.08	0.0020	P	3.1

$$y = 5.5219\text{E-}004 * x + 1.4119\text{E-}005$$

$$R = 1.0000$$

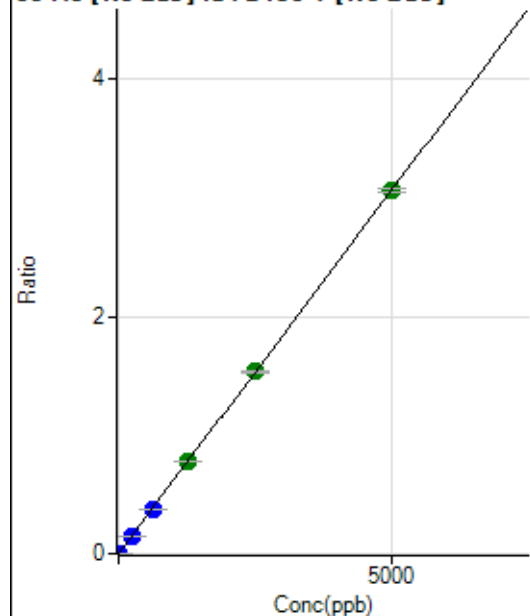
$$DL = 0.04307$$

$$BEC = 0.02557$$

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	102.78	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	4.737	9726.11	0.0029	P	4.3
4	☐	250.000	243.415	496205.70	0.1491	P	0.4
5	☐	625.000	619.223	1275996.26	0.3794	P	0.3
6	☐	1250.000	1267.701	2663283.48	0.7766	A	1.1
7	☐	2500.000	2505.020	5243794.56	1.5346	A	0.8
8	☐	5000.000	4994.116	10715321.08	3.0593	A	1.1
9	☐			8230.66	0.0024	P	2.5

$$y = 6.1258\text{E-}004 * x + 3.0799\text{E-}005$$

$$R = 1.0000$$

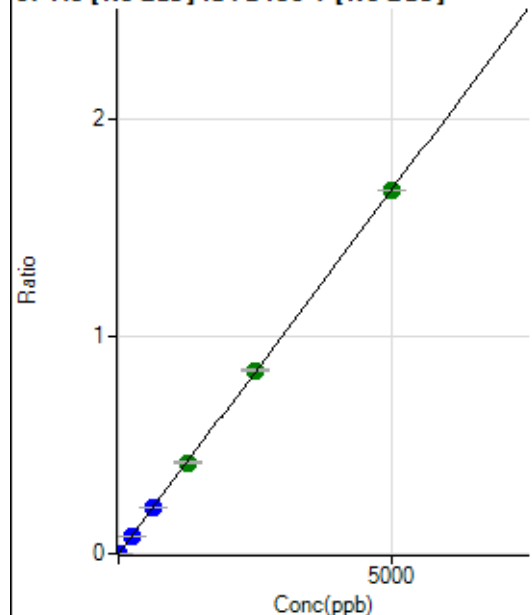
$$DL = 0.03426$$

$$BEC = 0.05028$$

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	141.67	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	4.710	5367.97	0.0016	P	7.5
4	☐	250.000	248.279	276583.11	0.0831	P	1.3
5	☐	625.000	630.164	709487.59	0.2109	P	0.6
6	☐	1250.000	1251.927	1436924.41	0.4190	A	1.7
7	☐	2500.000	2517.338	2878875.43	0.8425	A	1.2
8	☐	5000.000	4990.290	5849743.53	1.6701	A	0.1
9	☐			4311.99	0.0013	P	4.3

$$y = 3.3466\text{E-}004 * x + 4.2508\text{E-}005$$

$$R = 1.0000$$

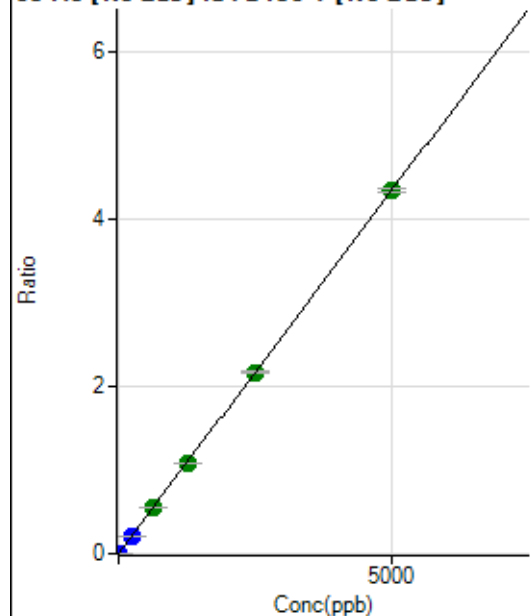
$$DL = 0.05955$$

$$BEC = 0.127$$

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	58.34	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	4.768	13790.93	0.0042	P	2.4
4	☐	250.000	246.002	710878.74	0.2137	P	0.9
5	☐	625.000	643.161	1878859.92	0.5586	A	0.7
6	☐	1250.000	1255.469	3739415.58	1.0904	A	0.2
7	☐	2500.000	2496.825	7409907.46	2.1684	A	1.2
8	☐	5000.000	4998.150	15203725.34	4.3408	A	1.0
9	☐			10863.18	0.0032	P	1.5

$$y = 8.6847\text{E-}004 * x + 1.7523\text{E-}005$$

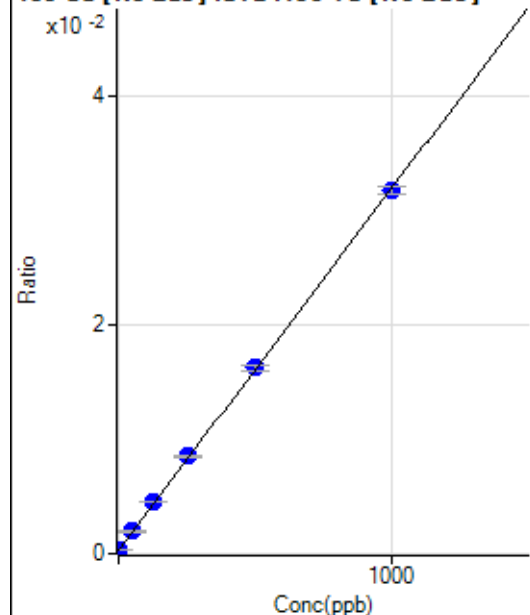
$$R = 1.0000$$

$$DL = 0.009319$$

$$BEC = 0.02018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	719.50	0.0003	P	9.7
2	☐	0.100					
3	☐	1.000	1.808	869.51	0.0003	P	7.3
4	☐	50.000	52.655	5184.57	0.0019	P	0.9
5	☐	125.000	135.380	12453.51	0.0046	P	1.6
6	☐	250.000	260.110	23796.77	0.0085	P	1.4
7	☐	500.000	504.675	46088.23	0.0162	P	2.9
8	☐	1000.000	993.704	93223.88	0.0317	P	2.0
9	☐			844.52	0.0003	P	5.1

$$y = 3.1594\text{E-}005 * x + 2.7451\text{E-}004$$

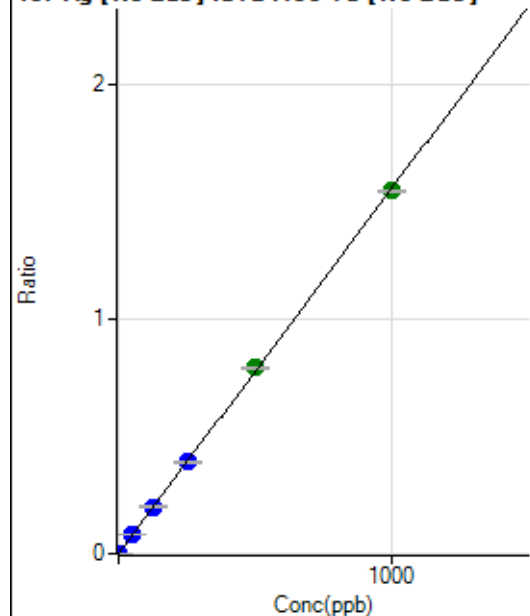
$$R = 0.9999$$

$$DL = 2.538$$

$$BEC = 8.689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.967	3978.55	0.0015	P	3.8
4	☐	50.000	51.530	214649.12	0.0802	P	1.0
5	☐	125.000	128.869	548959.33	0.2007	P	1.1
6	☐	250.000	251.355	1096571.04	0.3914	P	0.8
7	☐	500.000	509.376	2254014.91	0.7931	A	1.1
8	☐	1000.000	994.413	4557349.06	1.5483	A	0.6
9	☐			380.58	0.0001	P	12.9

$$y = 0.0016 * x + 1.2721\text{E-}005$$

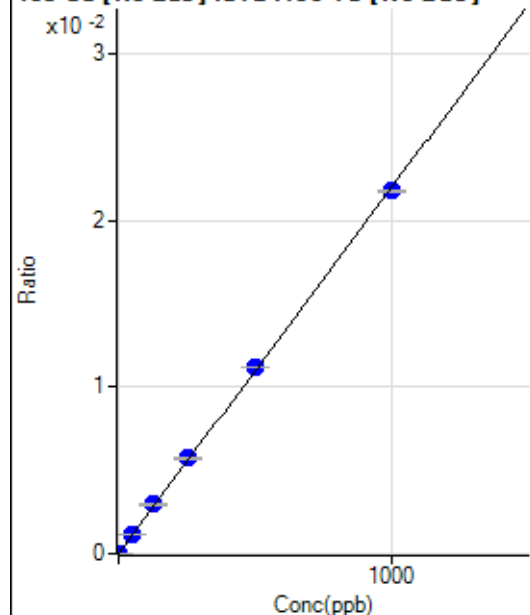
$$R = 0.9999$$

$$DL = 0.006186$$

$$BEC = 0.00817$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	57.7
2	☐	0.100					
3	☐	1.000	1.035	72.22	0.0000	P	41.5
4	☐	50.000	53.000	3129.60	0.0012	P	4.8
5	☐	125.000	134.616	8108.17	0.0030	P	4.5
6	☐	250.000	260.283	16043.17	0.0057	P	2.2
7	☐	500.000	509.693	31854.59	0.0112	P	0.8
8	☐	1000.000	991.231	64149.11	0.0218	P	0.7
9	☐			23.61	0.0000	P	83.4

$$y = 2.1981E-005 * x + 4.7674E-006$$

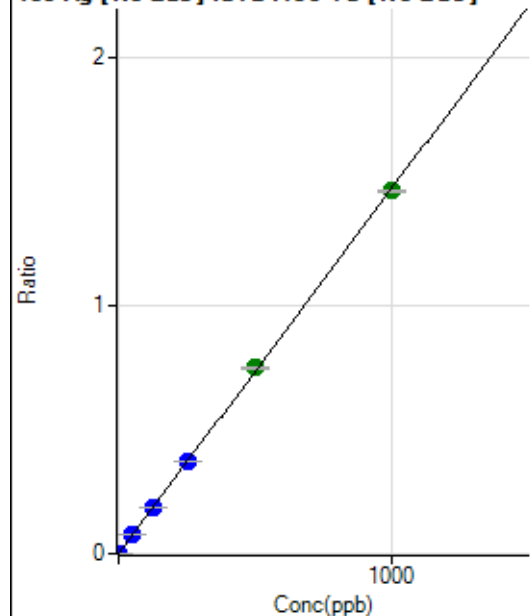
$$R = 0.9998$$

$$DL = 0.3753$$

$$BEC = 0.2169$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.933	3611.79	0.0014	P	3.5
4	☐	50.000	51.145	200999.53	0.0751	P	1.5
5	☐	125.000	127.619	512928.76	0.1875	P	0.9
6	☐	250.000	253.139	1041976.49	0.3719	P	1.0
7	☐	500.000	509.143	2125944.99	0.7480	A	0.5
8	☐	1000.000	994.259	4299378.48	1.4607	A	0.5
9	☐			308.35	0.0001	P	10.7

$$y = 0.0015 * x + 7.4190E-006$$

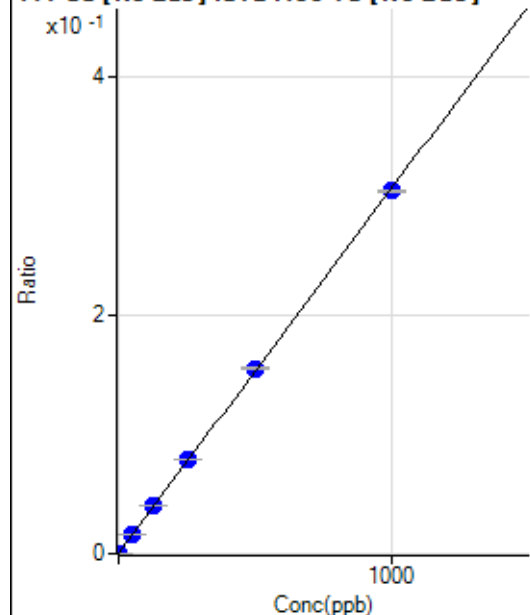
$$R = 0.9999$$

$$DL = 0.003764$$

$$BEC = 0.00505$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	506.01	0.0002	P	10.7
2	☐	0.100					
3	☐	1.000	1.107	1394.26	0.0005	P	3.0
4	☐	50.000	52.230	43271.69	0.0162	P	0.4
5	☐	125.000	130.298	109609.39	0.0401	P	1.5
6	☐	250.000	258.179	221906.60	0.0792	P	0.3
7	☐	500.000	507.442	441842.55	0.1555	P	1.3
8	☐	1000.000	993.460	895404.14	0.3042	P	0.2
9	☐			652.42	0.0002	P	1.5

$$y = 3.0601\text{E-}004 * x + 1.9306\text{E-}004$$

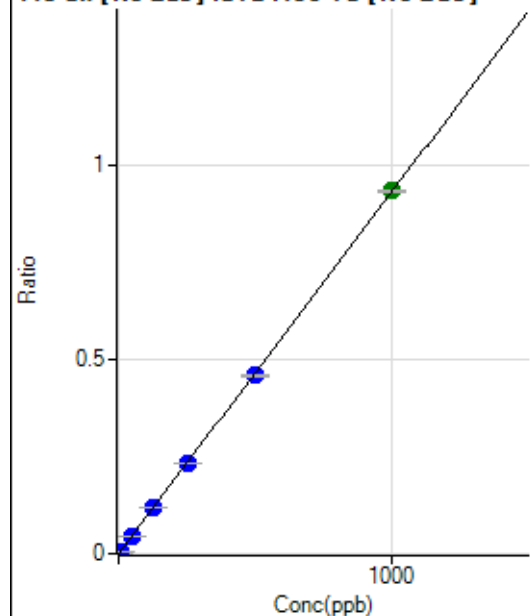
$$R = 0.9999$$

$$DL = 0.2023$$

$$BEC = 0.6309$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.35	0.0001	P	17.1
2	☐	0.500					
3	☐	5.000	4.709	11669.44	0.0045	P	1.1
4	☐	50.000	50.195	124881.81	0.0467	P	0.6
5	☐	125.000	125.958	320178.22	0.1170	P	0.4
6	☐	250.000	250.090	650848.67	0.2323	P	1.1
7	☐	500.000	492.235	1299106.69	0.4571	P	1.3
8	☐	1000.000	1003.732	2743506.88	0.9320	A	0.5
9	☐			2289.20	0.0008	P	7.8

$$y = 9.2850\text{E-}004 * x + 7.9443\text{E-}005$$

$$R = 1.0000$$

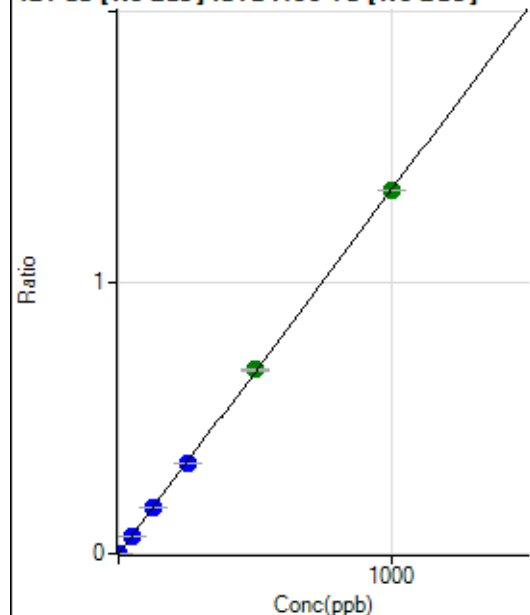
$$DL = 0.044$$

$$BEC = 0.08556$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0000	P	29.7
2	☐	0.200					
3	☐	2.000	1.847	6571.37	0.0025	P	3.7
4	☐	50.000	49.689	178466.49	0.0667	P	0.5
5	☐	125.000	125.295	460111.00	0.1682	P	0.9
6	☐	250.000	249.537	938426.97	0.3349	P	1.1
7	☐	500.000	505.509	1928130.82	0.6785	A	1.8
8	☐	1000.000	997.340	3939966.58	1.3386	A	0.1
9	☐			5051.19	0.0018	P	1.9

$$y = 0.0013 * x + 2.8630E-005$$

$$R = 1.0000$$

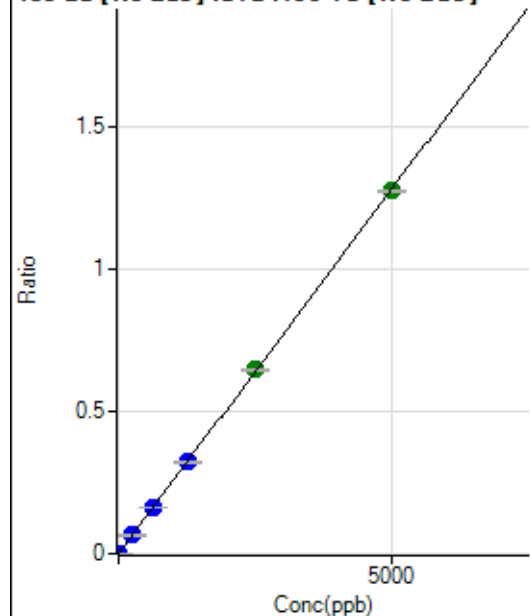
$$DL = 0.01904$$

$$BEC = 0.02133$$

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	27.78	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	9.527	6415.73	0.0024	P	2.8
4	☐	250.000	251.331	172004.13	0.0643	P	0.6
5	☐	625.000	629.316	440433.93	0.1610	P	0.8
6	☐	1250.000	1259.875	902990.22	0.3223	P	1.5
7	☐	2500.000	2532.199	1840868.23	0.6478	A	1.2
8	☐	5000.000	4980.826	3750374.30	1.2741	A	0.7
9	☐			472.25	0.0002	P	6.5

$$y = 2.5580E-004 * x + 1.0621E-005$$

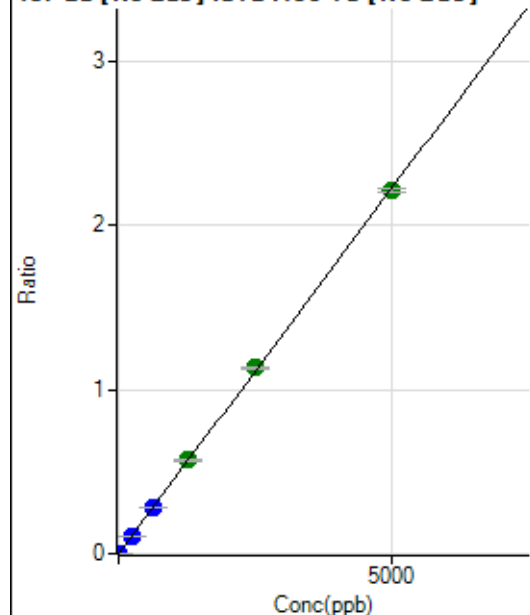
$$R = 1.0000$$

$$DL = 0.1079$$

$$BEC = 0.04152$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	13.4
2	☐	1.000					
3	☐	10.000	9.730	11369.34	0.0043	P	2.8
4	☐	250.000	249.795	296947.74	0.1110	P	0.3
5	☐	625.000	633.056	769589.29	0.2813	P	0.7
6	☐	1250.000	1278.768	1592154.94	0.5682	A	1.5
7	☐	2500.000	2543.526	3212129.15	1.1302	A	0.5
8	☐	5000.000	4970.049	6500379.66	2.2084	A	1.0
9	☐			861.19	0.0003	P	9.6

$$y = 4.4435E-004 * x + 1.3775E-005$$

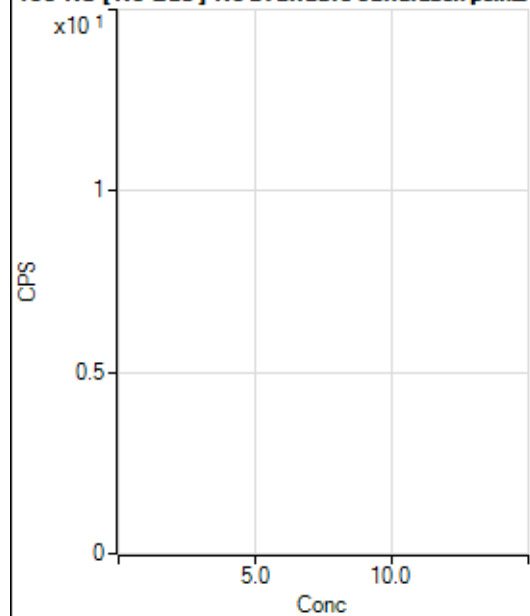
$$R = 0.9999$$

$$DL = 0.01251$$

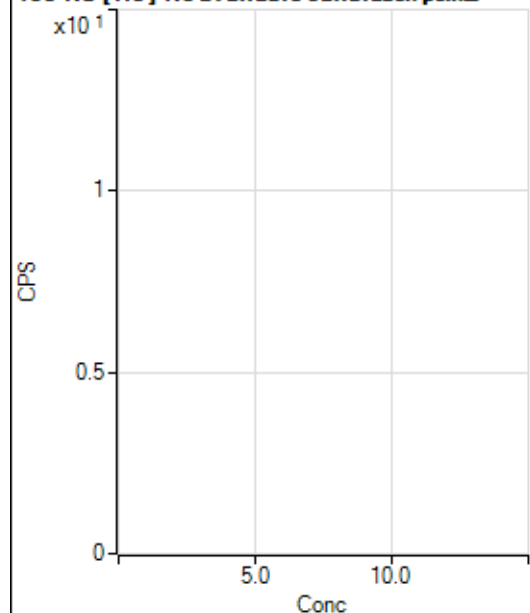
$$BEC = 0.031$$

Weight: <None>

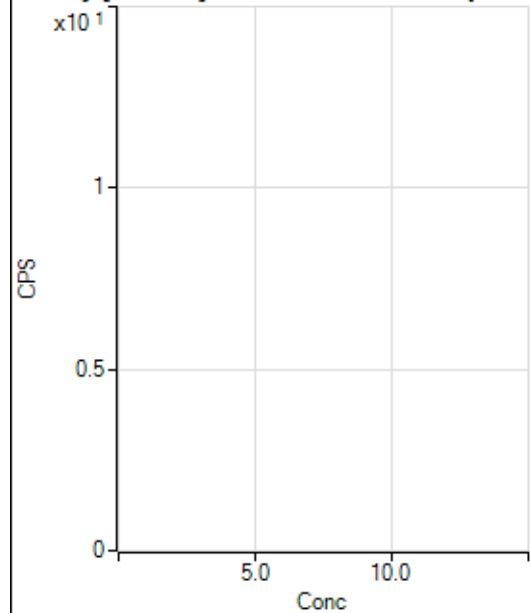
Min Conc: 0

150 Nd [No Gas] No available calibration points

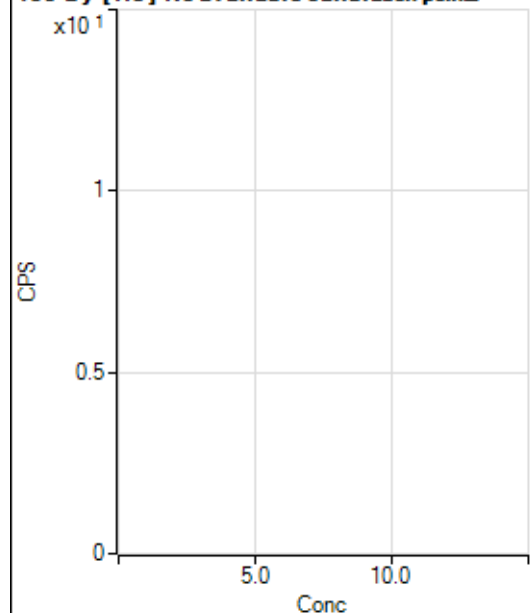
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			13.33		P	NaN
4	☐			24.44		P	128.
5	☐			17.78		P	43.3
6	☐			35.56		P	28.6
7	☐			77.78		P	47.2
8	☐			126.67		P	38.0
9	☐			62.23		P	16.4

150 Nd [He] No available calibration points

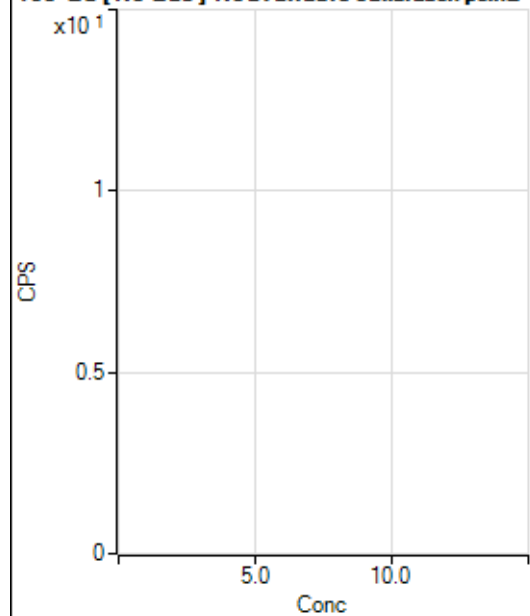
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			3.33		P	100.
6	☐			0.00		P	
7	☐			3.33		P	100.
8	☐			5.56		P	34.7
9	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

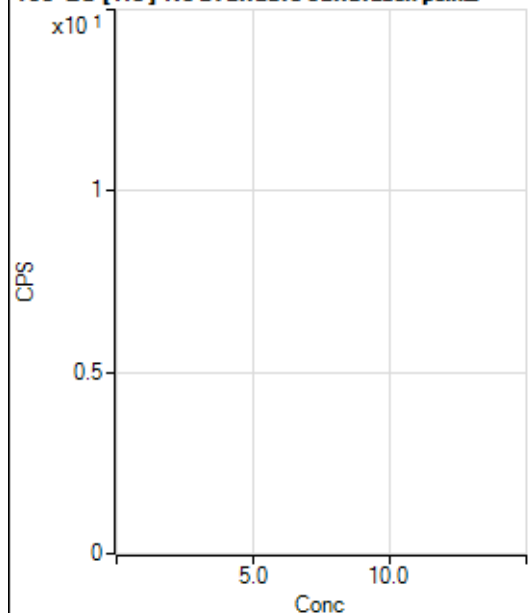
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			16.67		P	50.0
4	☐			16.67		P	50.0
5	☐			8.33		P	0.0
6	☐			16.67		P	100.
7	☐			33.33		P	25.0
8	☐			27.78		P	75.5
9	☐			33.33		P	43.3

156 Dy [He] No available calibration points

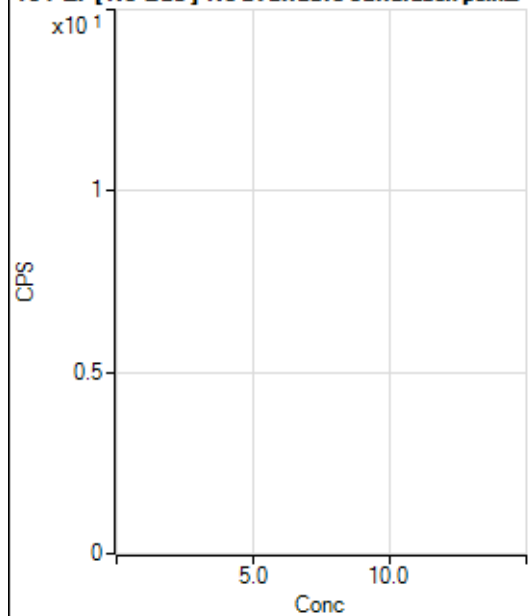
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			5.56		P	91.6
6	☐			2.22		P	86.6
7	☐			2.22		P	86.6
8	☐			4.44		P	43.4
9	☐			10.00		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

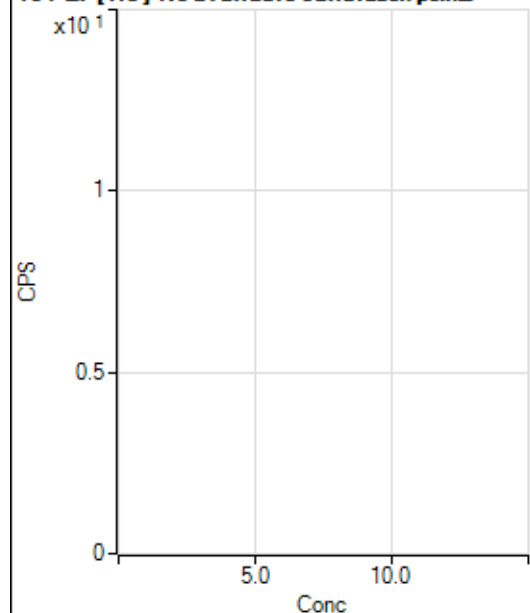
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			16.67		P	50.0
4	☐			19.45		P	24.7
5	☐			13.89		P	34.7
6	☐			27.78		P	34.6
7	☐			33.33		P	66.2
8	☐			38.89		P	44.6
9	☐			38.89		P	44.6

160 Gd [He] No available calibration points

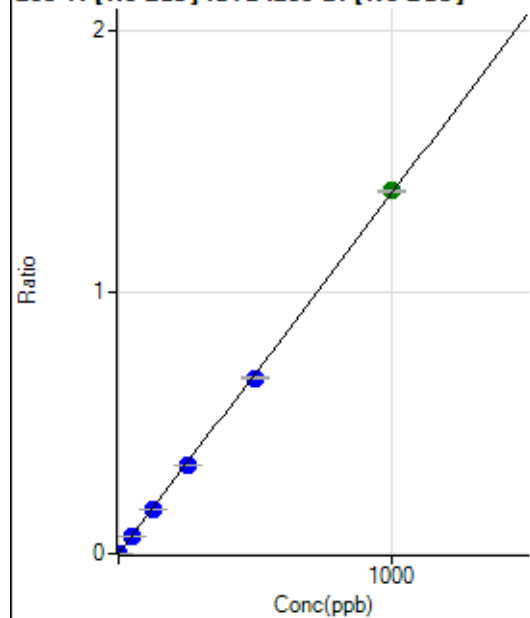
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			1.11		P	173.
4	☐			6.67		P	50.0
5	☐			10.00		P	66.7
6	☐			5.56		P	91.6
7	☐			8.89		P	114.
8	☐			5.56		P	34.7
9	☐			20.00		P	33.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			16.67		P	50.0
4	☐			2.78		P	173.
5	☐			36.11		P	26.7
6	☐			11.11		P	86.6
7	☐			19.44		P	99.0
8	☐			16.67		P	100.
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	173.
4	☐			1.11		P	173.
5	☐			4.44		P	43.4
6	☐			1.11		P	173.
7	☐			4.45		P	86.6
8	☐			6.67		P	50.0
9	☐			3.33		P	100.

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

	Rj 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	0.944	1772.44	0.0013	P	2.3
4	☐	50.000	49.410	91797.56	0.0681	P	0.6
5	☐	125.000	121.587	235595.14	0.1676	P	1.4
6	☐	250.000	244.812	486719.43	0.3374	P	0.6
7	☐	500.000	488.453	978931.87	0.6732	P	0.9
8	☐	1000.000	1007.527	2083187.57	1.3885	A	0.6
9	☐			955.64	0.0007	P	10.9

$$y = 0.0014 * x + 1.4489E-005$$

$$R = 0.9999$$

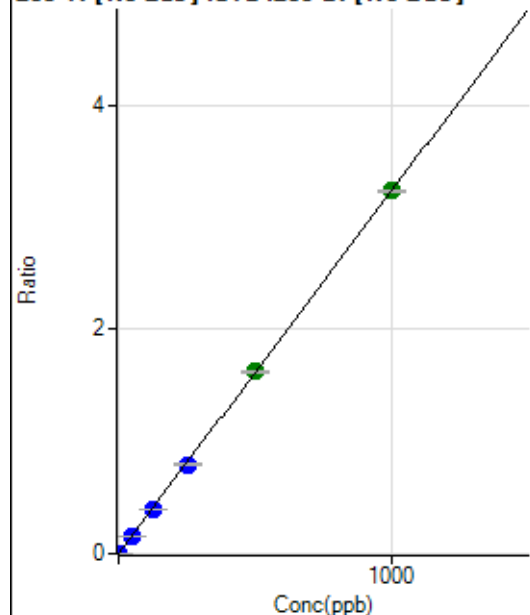
$$DL = 0.01562$$

$$BEC = 0.01051$$

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	58.33	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.918	4059.17	0.0030	P	3.7
4	☐	50.000	49.053	214059.71	0.1588	P	1.0
5	☐	125.000	122.051	555454.84	0.3951	P	0.6
6	☐	250.000	245.401	1145883.06	0.7943	P	1.0
7	☐	500.000	502.798	2366674.19	1.6275	A	1.3
8	☐	1000.000	1000.167	4857011.26	3.2373	A	0.5
9	☐			2147.51	0.0016	P	14.5

$$y = 0.0032 * x + 4.3506E-005$$

$$R = 1.0000$$

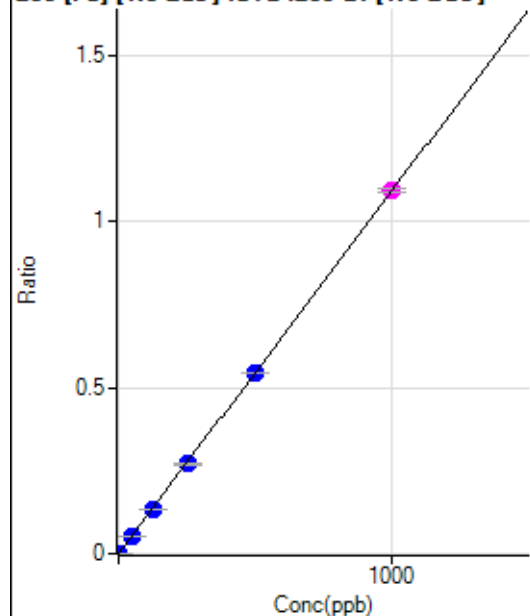
$$DL = 0.02003$$

$$BEC = 0.01344$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.52	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	0.854	1372.34	0.0010	P	4.6
4	☐	50.000	49.842	73318.73	0.0544	P	0.3
5	☐	125.000	123.889	189905.58	0.1351	P	0.6
6	☐	250.000	247.671	389425.99	0.2700	P	1.2
7	☐	500.000	498.451	789958.23	0.5432	P	0.8
8	☐	1000.000	1001.504	1637338.13	1.0913	M	1.2
9	☐			2305.83	0.0017	P	0.4

$$y = 0.0011 * x + 8.8283E-005$$

$$R = 1.0000$$

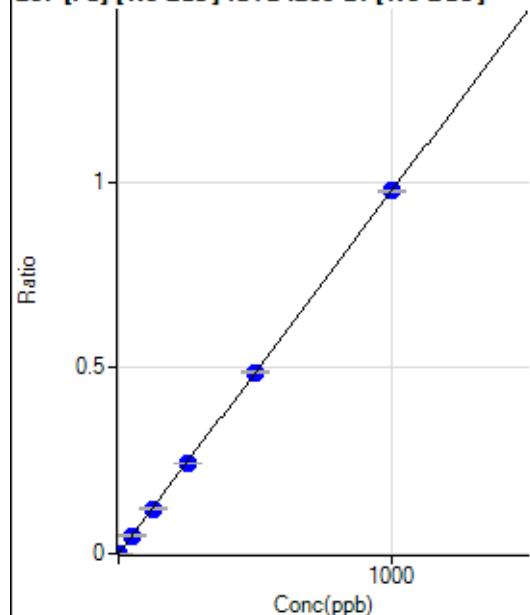
$$DL = 0.02281$$

$$BEC = 0.08102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0001	P	33.5
2	☐	0.100					
3	☐	1.000	0.915	1309.37	0.0010	P	6.3
4	☐	50.000	50.020	65812.81	0.0488	P	1.9
5	☐	125.000	124.194	170277.10	0.1211	P	0.8
6	☐	250.000	248.430	349390.94	0.2422	P	0.9
7	☐	500.000	499.271	707740.24	0.4867	P	1.3
8	☐	1000.000	1000.857	1463584.46	0.9755	P	0.5
9	☐			1852.06	0.0013	P	5.1

$$y = 9.7460\text{E-}004 * x + 8.0090\text{E-}005$$

$$R = 1.0000$$

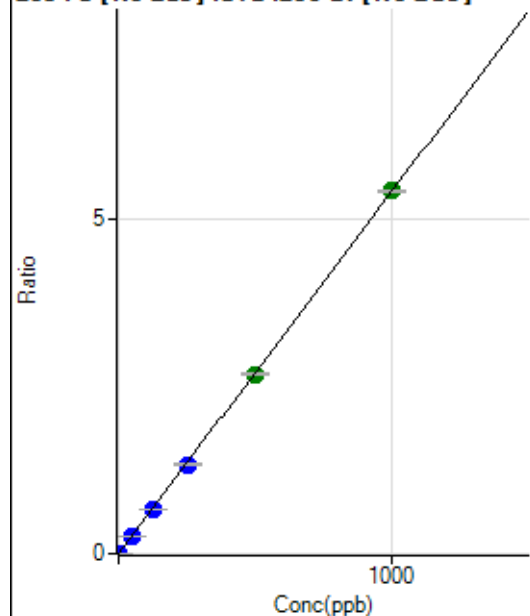
$$DL = 0.08267$$

$$BEC = 0.08218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	607.43	0.0005	P	6.5
2	☐	0.100					
3	☐	1.000	0.887	7065.63	0.0052	P	1.2
4	☐	50.000	49.525	361369.41	0.2681	P	0.9
5	☐	125.000	122.980	935043.56	0.6651	P	0.3
6	☐	250.000	246.403	1921684.13	1.3321	P	0.9
7	☐	500.000	496.131	3900006.00	2.6818	A	0.5
8	☐	1000.000	1003.110	8134326.41	5.4217	A	0.4
9	☐			10560.89	0.0077	P	2.3

$$y = 0.0054 * x + 4.5264\text{E-}004$$

$$R = 1.0000$$

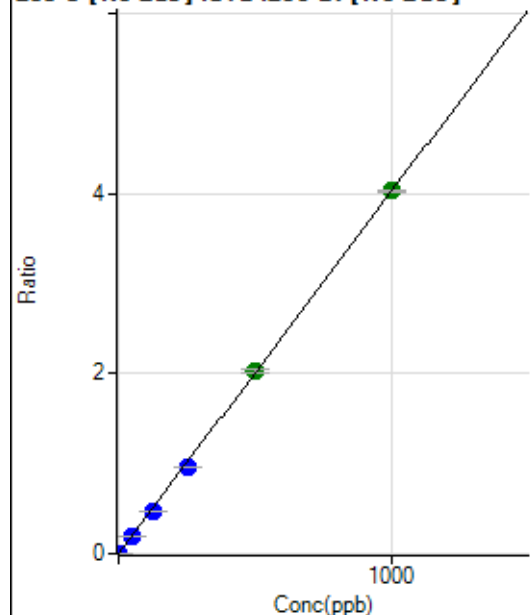
$$DL = 0.01623$$

$$BEC = 0.08375$$

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	19.44	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.837	4562.17	0.0034	P	3.0
4	☐	50.000	47.290	256704.31	0.1905	P	1.0
5	☐	125.000	118.099	668666.60	0.4756	P	0.7
6	☐	250.000	238.174	1383725.77	0.9592	P	0.2
7	☐	500.000	505.267	2959019.55	2.0348	A	1.6
8	☐	1000.000	1001.322	6050148.14	4.0325	A	0.6
9	☐			327.80	0.0002	P	5.8

$$y = 0.0040 * x + 1.4501E-005$$

$$R = 0.9999$$

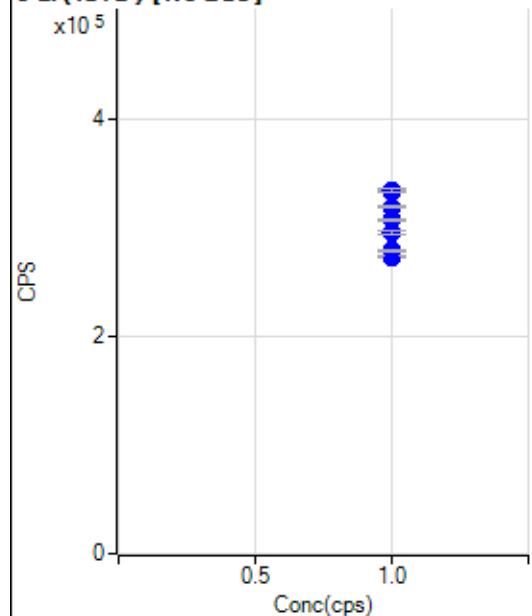
$$DL = 0.005366$$

$$BEC = 0.003601$$

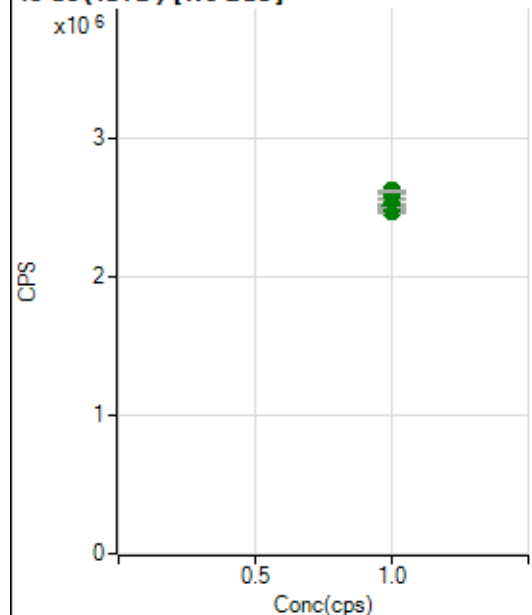
Weight: <None>

Min Conc: 0

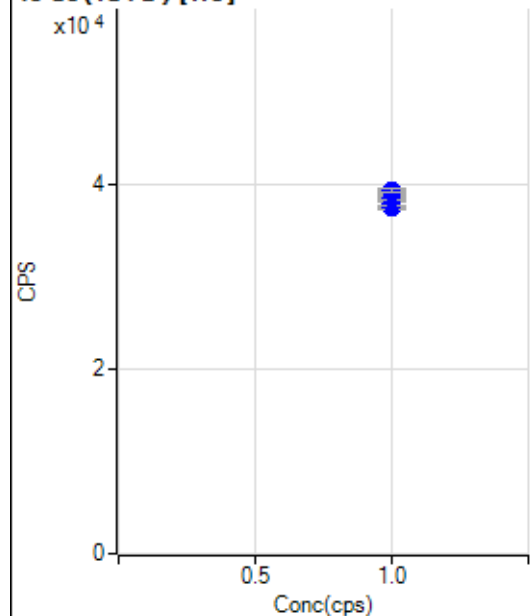
6 Li (ISTD) [No Gas]



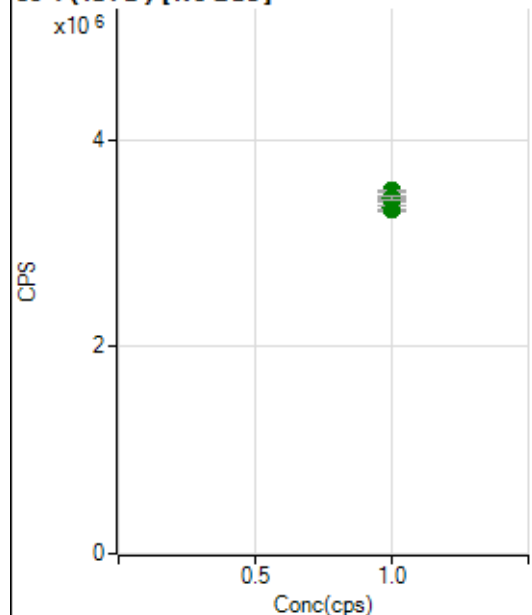
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		272510.78		P	0.6
2	☐	1.000					
3	☐	1.000		273603.37		P	0.2
4	☐	1.000		278259.35		P	0.2
5	☐	1.000		294950.88		P	1.3
6	☐	1.000		306872.91		P	0.5
7	☐	1.000		318338.19		P	0.5
8	☐	1.000		332861.90		P	0.7
9	☐	1.000		333218.60		P	1.1

45 Sc (ISTD) [No Gas]

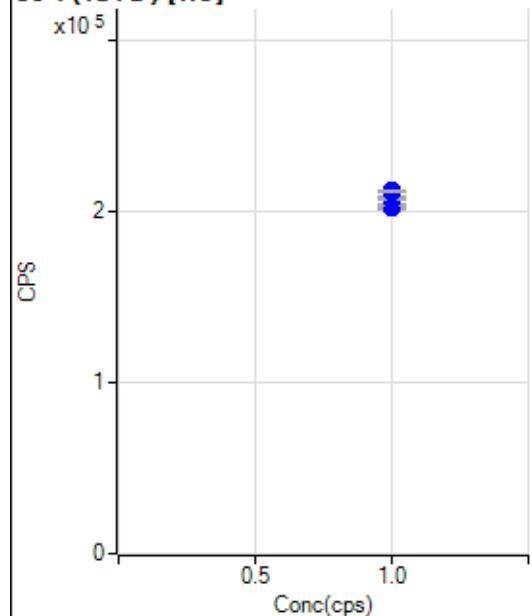
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2469300.58		A	0.7
2	☐	1.000					
3	☐	1.000		2501735.65		A	1.5
4	☐	1.000		2498031.70		A	1.3
5	☐	1.000		2516942.63		A	0.8
6	☐	1.000		2563703.51		A	0.8
7	☐	1.000		2554232.56		A	0.3
8	☐	1.000		2601933.55		A	0.2
9	☐	1.000		2620678.42		A	0.3

45 Sc (ISTD) [He]

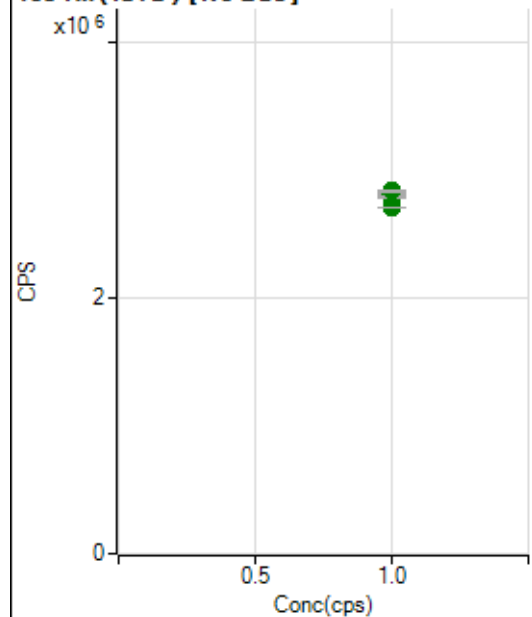
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37563.65		P	0.5
2	☐	1.000					
3	☐	1.000		37604.86		P	1.2
4	☐	1.000		37766.38		P	1.8
5	☐	1.000		38614.19		P	0.2
6	☐	1.000		38013.80		P	0.9
7	☐	1.000		38675.56		P	1.2
8	☐	1.000		39244.87		P	0.7
9	☐	1.000		39388.55		P	1.1

89 Y (ISTD) [No Gas]

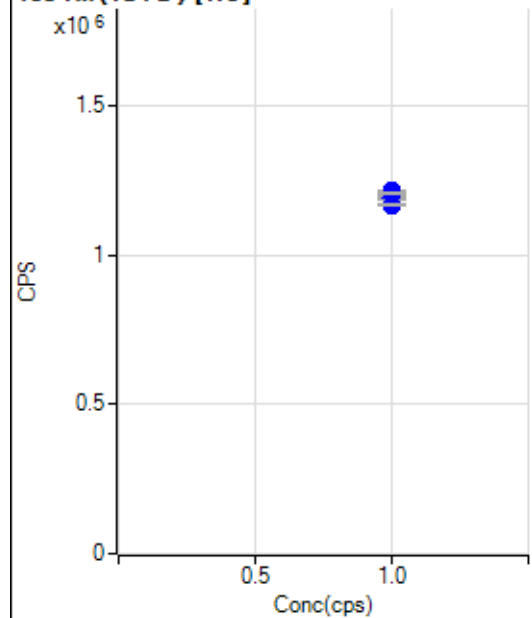
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3333014.22		A	1.2
2	☐	1.000					
3	☐	1.000		3316485.02		A	0.5
4	☐	1.000		3327082.10		A	0.1
5	☐	1.000		3363616.37		A	0.2
6	☐	1.000		3429547.55		A	0.5
7	☐	1.000		3417281.51		A	0.7
8	☐	1.000		3502688.56		A	0.7
9	☐	1.000		3432271.79		A	0.8

89 Y (ISTD) [He]

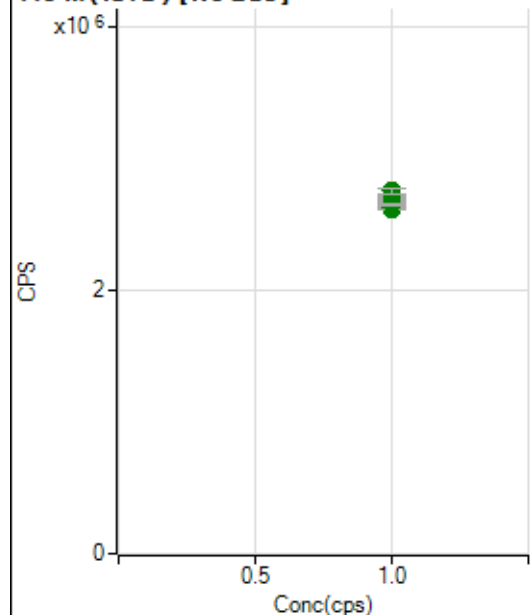
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		202031.96		P	0.9
2	☐	1.000					
3	☐	1.000		202133.09		P	0.7
4	☐	1.000		203844.77		P	0.5
5	☐	1.000		208143.36		P	0.3
6	☐	1.000		208846.09		P	0.6
7	☐	1.000		207307.22		P	0.5
8	☐	1.000		211137.73		P	0.2
9	☐	1.000		212201.37		P	0.4

103 Rh (ISTD) [No Gas]

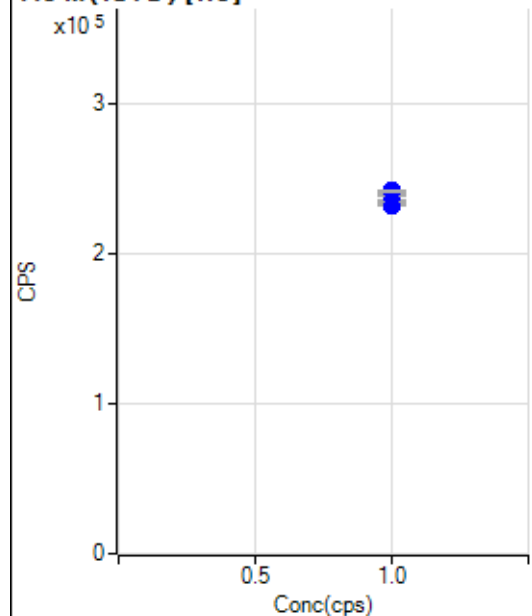
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2818004.40		A	0.6
2	☐	1.000					
3	☐	1.000		2794283.76		A	0.6
4	☐	1.000		2792199.35		A	0.2
5	☐	1.000		2818497.46		A	0.1
6	☐	1.000		2816149.04		A	0.7
7	☐	1.000		2794811.80		A	1.0
8	☐	1.000		2841325.04		A	0.6
9	☐	1.000		2714038.00		A	0.3

103 Rh (ISTD) [He]

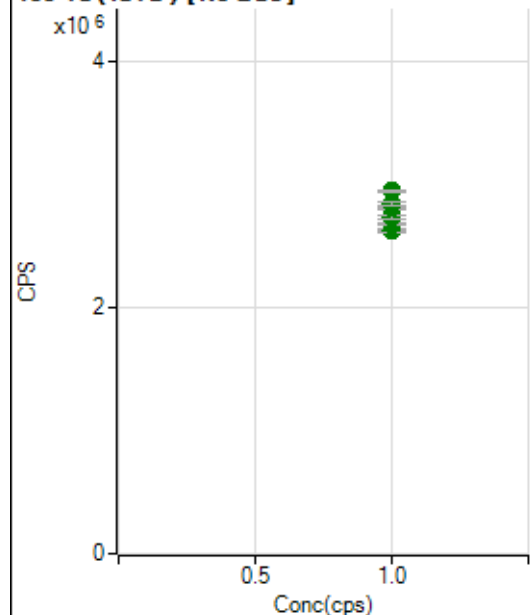
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1187555.50		P	0.6
2	☐	1.000					
3	☐	1.000		1192634.74		P	0.4
4	☐	1.000		1191820.01		P	0.6
5	☐	1.000		1214394.46		P	0.2
6	☐	1.000		1215828.91		P	0.7
7	☐	1.000		1206239.64		P	0.3
8	☐	1.000		1210602.97		P	0.4
9	☐	1.000		1169330.80		P	0.6

115 In (ISTD) [No Gas]

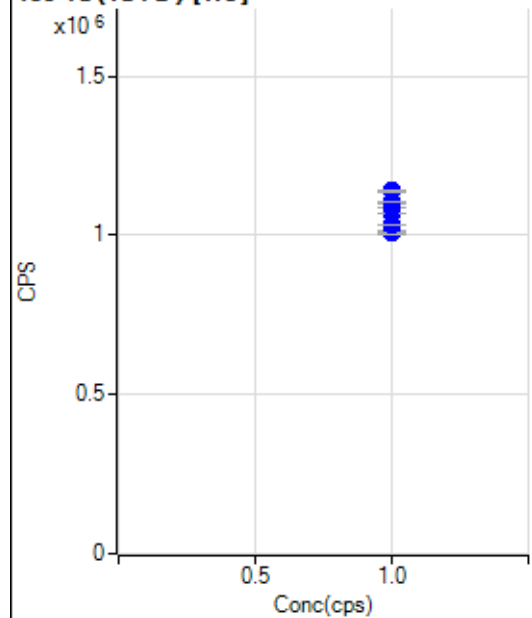
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2619465.81		A	0.2
2	☐	1.000					
3	☐	1.000		2625026.91		A	0.6
4	☐	1.000		2627096.50		A	1.3
5	☐	1.000		2688039.07		A	1.1
6	☐	1.000		2705437.52		A	0.9
7	☐	1.000		2682761.58		A	0.4
8	☐	1.000		2753933.64		A	1.4
9	☐	1.000		2649335.06		A	0.8

115 In (ISTD) [He]

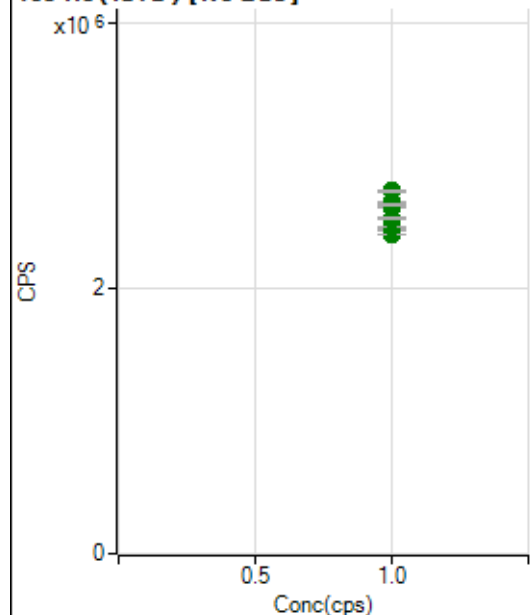
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234144.58		P	0.4
2	☐	1.000					
3	☐	1.000		232779.08		P	0.1
4	☐	1.000		235439.62		P	0.6
5	☐	1.000		241611.83		P	0.5
6	☐	1.000		241257.14		P	1.0
7	☐	1.000		238953.93		P	0.6
8	☐	1.000		239593.82		P	0.4
9	☐	1.000		242142.03		P	0.4

159 Tb (ISTD) [No Gas]

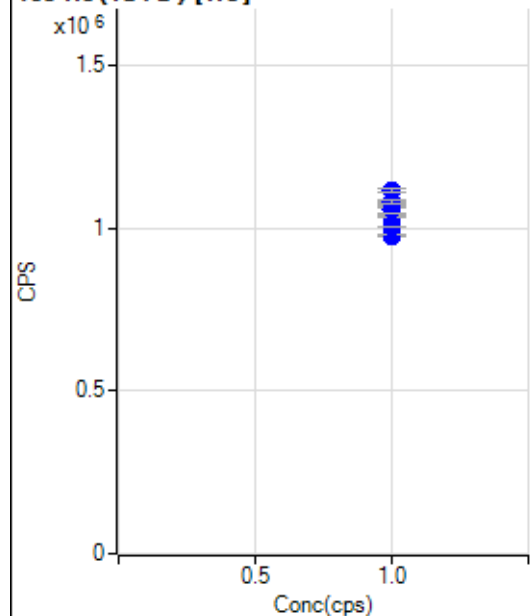
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2621661.26		A	0.4
2	☐	1.000					
3	☐	1.000		2621352.34		A	0.7
4	☐	1.000		2675017.27		A	0.7
5	☐	1.000		2735869.41		A	1.0
6	☐	1.000		2801945.72		A	0.8
7	☐	1.000		2842127.84		A	1.0
8	☐	1.000		2943457.04		A	0.7
9	☐	1.000		2841847.42		A	1.4

159 Tb (ISTD) [He]

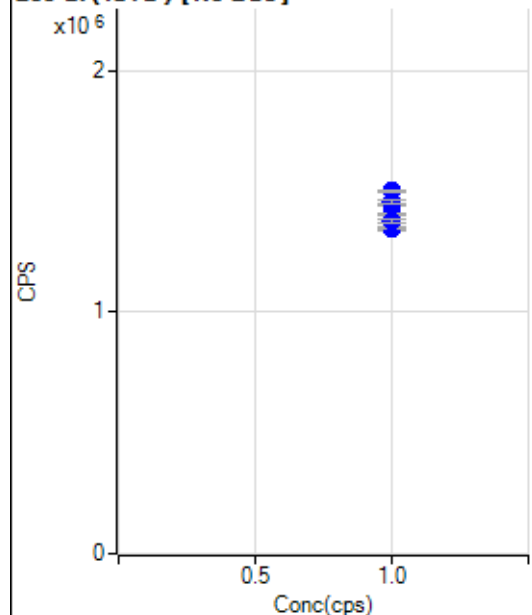
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1008669.82		P	0.7
2	☐	1.000					
3	☐	1.000		1007566.38		P	0.6
4	☐	1.000		1033477.99		P	0.4
5	☐	1.000		1068864.58		P	0.1
6	☐	1.000		1086551.19		P	0.3
7	☐	1.000		1101592.96		P	0.2
8	☐	1.000		1139496.50		P	0.2
9	☐	1.000		1106349.67		P	0.2

165 Ho (ISTD) [No Gas]

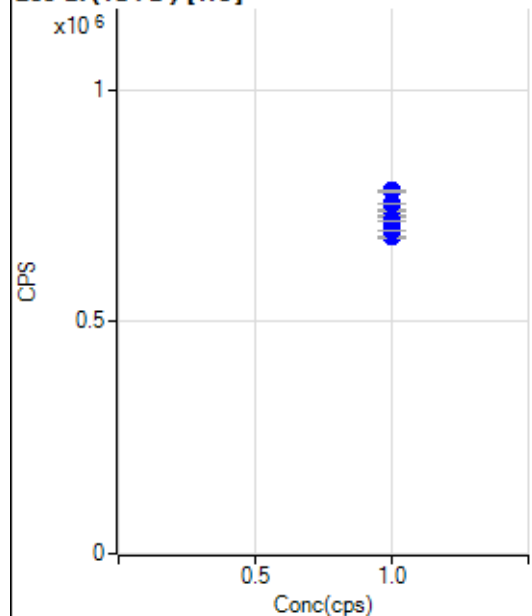
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2438451.90		A	0.4
2	☐	1.000					
3	☐	1.000		2403619.04		A	0.3
4	☐	1.000		2456228.72		A	0.2
5	☐	1.000		2524506.89		A	0.1
6	☐	1.000		2611097.07		A	0.6
7	☐	1.000		2643597.71		A	0.3
8	☐	1.000		2729869.79		A	0.4
9	☐	1.000		2625640.07		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		973496.61		P	0.0
2	☐	1.000					
3	☐	1.000		979448.44		P	0.2
4	☐	1.000		1001467.98		P	0.1
5	☐	1.000		1033959.59		P	0.4
6	☐	1.000		1053507.94		P	1.4
7	☐	1.000		1075047.56		P	1.0
8	☐	1.000		1113378.16		P	0.9
9	☐	1.000		1078272.07		P	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1342206.34		P	0.4
2	☐	1.000					
3	☐	1.000		1346983.90		P	0.3
4	☐	1.000		1347841.47		P	0.4
5	☐	1.000		1405884.16		P	0.4
6	☐	1.000		1442617.41		P	0.6
7	☐	1.000		1454302.44		P	0.8
8	☐	1.000		1500332.29		P	0.3
9	☐	1.000		1376540.64		P	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		681624.17		P	0.2
2	☐	1.000					
3	☐	1.000		681993.05		P	0.4
4	☐	1.000		695858.17		P	0.3
5	☐	1.000		726703.48		P	0.4
6	☐	1.000		739233.62		P	0.9
7	☐	1.000		753467.28		P	0.1
8	☐	1.000		781294.27		P	0.6
9	☐	1.000		715958.85		P	0.4

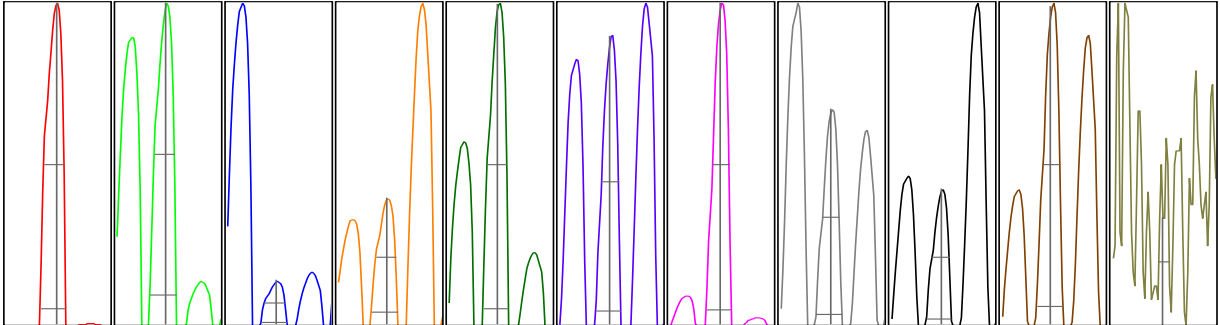
US EPA Tune Check Sample Report

Batch Folder D:\P8011119-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3003	0.68	5.00	
24	41002	0.61	5.00	
25	5731	0.65	5.00	
26	6969	0.80	5.00	
59	44504	0.78	5.00	
113	4192	1.04	5.00	
115	50199	0.30	5.00	
206	7360	0.24	5.00	
207	6649	1.01	5.00	
208	15915	0.72	5.00	
220	1	24.79		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3011	2981	2989	3003	3033
24	41067	40621	41090	40927	41304
25	5724	5693	5699	5760	5779
26	6934	6940	6918	7005	7049
59	44623	44118	44235	44544	44999
113	4205	4125	4187	4200	4246
115	50349	49976	50283	50121	50264
206	7364	7354	7333	7379	7371
207	6596	6581	6633	6697	6739
208	15964	15741	15933	15883	16051
220	1	2	1	1	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	5619	9.00	8.9 - 9.1		0.732	0.900	
24	75385	23.95	23.9 - 24.1		0.751	0.900	
25	10428	24.95	24.9 - 25.1		0.736	0.900	
26	12440	25.95	25.9 - 26.1		0.749	0.900	
59	84551	58.95	58.9 - 59.1		0.732	0.900	
113	8651	113.00	112.9 - 113.1		0.714	0.900	
115	104100	115.00	114.9 - 115.1		0.720	0.900	
206	15092	206.00	205.9 - 206.1		0.735	0.900	
207	13686	207.00	206.9 - 207.1		0.709	0.900	
208	32177	207.95	207.9 - 208.1		0.758	0.900	
220	1	220.00	-				

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	11.0	V	Deflect	15.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8544	0.91	
89	5587	1.02	
205	6227	1.20	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8640	8597	8444	8545	8496
89	5659	5636	5551	5553	5534
205	6342	6257	6155	6207	6176

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	11.0	V	Deflect	3.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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 : LB100281 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:23:04 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.81	0.44	0.36	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.02	0.02	-0.04	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.19	0.16	0.03	0.00	N/A	ppb
Boron	11-1	0.02	0.02	-0.03	0.00	N/A	ppb
Cadmium	111-1	0.03	0.04	-0.08	0.00	N/A	ppb
Cadmium	106-1	0.50	0.48	-0.98	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.14	0.07	0.00	N/A	ppb
Calcium	43-1	0.01	-2.69	2.68	0.00	N/A	ppb
Calcium	44-1	-3.73	4.05	-0.32	0.00	N/A	ppb
Chromium	52-2	-0.02	0.08	-0.06	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.21	0.03	-0.24	0.00	N/A	ppb
Iron	57-2	1.86	0.41	-2.27	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.03	0.02	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.85	1.10	0.74	0.00	N/A	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:23:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.02	0.01	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	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-8.68	-34.50	-34.50	-25.89		ppb
Potassium	39-2	27.95	-2.68	-25.27	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-0.42	0.22	0.00	N/A	ppb
Selenium	82-1	-0.76	-0.26	1.02	0.00	N/A	ppb
Silicon	28-1	0.73	0.94	-1.67	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	1.93	6.08	-8.01	0.00	N/A	ppb
Strontium	86-1	-0.07	0.04	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-322.57	223.07	30.98	-22.84		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.10	0.02	-0.12	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	-0.14	0.15	0.00	N/A	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:23:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:30:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.40	19.18	17.90	19.16	6.51	ppb
Antimony	121-1	1.84	1.92	1.78	1.85	3.77	ppb
Arsenic	75-2	0.79	0.69	1.08	0.85	23.47	ppb
Barium	135-1	9.25	9.78	9.55	9.53	2.81	ppb
Barium	137-1	9.63	9.52	10.04	9.73	2.78	ppb
Beryllium	9-1	1.00	0.94	0.97	0.97	2.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	23.48	23.18	24.14	23.60	2.08	ppb
Boron	11-1	23.18	23.88	23.89	23.65	1.71	ppb
Cadmium	111-1	1.17	1.08	1.08	1.11	4.75	ppb
Cadmium	106-1	2.20	0.92	2.31	1.81	42.59	ppb
Cadmium	108-1	1.29	0.44	1.38	1.04	50.19	ppb
Calcium	43-1	453.13	420.05	453.46	442.21	4.34	ppb
Calcium	44-1	454.92	431.54	445.10	443.85	2.64	ppb
Chromium	52-2	1.99	1.59	1.92	1.83	11.68	ppb
Cobalt	59-2	0.99	0.93	0.98	0.97	3.04	ppb
Copper	63-2	1.94	1.82	1.95	1.91	3.74	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	51.69	50.13	51.05	50.96	1.54	ppb
Iron	57-2	56.89	46.30	50.43	51.21	10.43	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.83	0.83	0.85	5.09	ppb
Lead	207-1	0.88	0.88	0.99	0.92	6.82	ppb
Lead	208-1	0.88	0.88	0.90	0.89	1.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	530.93	469.87	485.97	495.59	6.39	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:30:27	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.83	1.16	1.00	16.84	ppb
Molybdenum	94-1	4.27	4.72	4.63	4.54	5.27	ppb
Molybdenum	95-1	4.76	4.94	4.77	4.82	2.09	ppb
Molybdenum	96-1	4.97	4.64	4.59	4.74	4.33	ppb
Molybdenum	97-1	5.08	4.70	4.36	4.71	7.68	ppb
Molybdenum	98-1	4.69	4.72	4.90	4.77	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.03	1.05	1.02	4.68	ppb
Phosphorus	31-2	30.46	-9.08	56.29	25.89	127.18	ppb
Potassium	39-2	454.72	431.72	434.88	440.44	2.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	7.98	4.02	4.00	99.74	ppb
Selenium	78-2	9.72	4.67	10.50	8.30	38.16	ppb
Selenium	82-1	5.48	4.34	3.30	4.38	24.88	ppb
Silicon	28-1	9.47	6.58	7.67	7.91	18.43	ppb
Silver	109-1	0.97	0.92	0.91	0.93	3.52	ppb
Silver	107-1	0.92	0.99	0.99	0.97	3.83	ppb
Sodium	23-2	461.92	446.41	452.46	453.60	1.72	ppb
Strontium	86-1	0.78	0.96	0.67	0.80	18.32	ppb
Strontium	88-1	0.91	0.94	0.91	0.92	1.91	ppb
Sulfur	34-1	284.01	-185.84	-29.65	22.84	1047.64	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.93	0.93	0.94	2.31	ppb
Thallium	205-1	0.88	0.94	0.93	0.92	3.72	ppb
Tin	118-1	4.69	4.67	4.77	4.71	1.10	ppb
Titanium	47-1	4.76	4.84	4.49	4.69	3.89	ppb
Uranium	238-1	0.82	0.83	0.87	0.84	3.01	ppb
Vanadium	51-2	4.87	4.66	4.69	4.74	2.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.04	1.98	2.15	2.06	4.15	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:30:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.95	0.93	0.93	1.90	ppb
Zirconium	91-1	0.94	1.05	0.89	0.96	8.53	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:34:19 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	983.94	1007.09	1001.95	997.66	1.22	ppb
Antimony	121-1	49.86	49.40	49.80	49.69	0.50	ppb
Arsenic	75-2	52.46	49.96	48.61	50.34	3.88	ppb
Barium	135-1	252.05	252.41	249.52	251.33	0.63	ppb
Barium	137-1	250.21	250.12	249.05	249.79	0.26	ppb
Beryllium	9-1	52.63	53.46	53.11	53.07	0.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	49.40	53.61	51.58	51.53	4.09	ppb
Boron	11-1	50.49	53.75	54.33	52.86	3.92	ppb
Cadmium	111-1	52.28	52.00	52.41	52.23	0.40	ppb
Cadmium	106-1	52.03	52.91	53.02	52.66	1.03	ppb
Cadmium	108-1	50.04	54.29	54.67	53.00	4.85	ppb
Calcium	43-1	4907.89	4759.12	4872.55	4846.52	1.60	ppb
Calcium	44-1	4963.57	4915.30	4980.97	4953.28	0.69	ppb
Chromium	52-2	52.74	52.72	51.48	52.32	1.38	ppb
Cobalt	59-2	51.25	53.39	51.71	52.12	2.17	ppb
Copper	63-2	105.27	107.40	101.99	104.89	2.60	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2620.69	2697.17	2595.24	2637.70	2.01	ppb
Iron	57-2	2629.94	2682.85	2561.50	2624.76	2.32	ppb
Krypton	83-1						cps
Lead	206-1	50.00	49.83	49.70	49.84	0.30	ppb
Lead	207-1	49.01	50.13	50.92	50.02	1.92	ppb
Lead	208-1	49.14	49.43	50.01	49.53	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	5387.23	5408.69	5232.26	5342.73	1.80	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:34:19	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.87	105.60	102.39	103.95	1.55	ppb
Molybdenum	94-1	247.03	248.90	248.47	248.13	0.40	ppb
Molybdenum	95-1	246.02	247.30	248.38	247.23	0.48	ppb
Molybdenum	96-1	242.35	243.91	243.98	243.41	0.38	ppb
Molybdenum	97-1	251.66	247.83	245.35	248.28	1.28	ppb
Molybdenum	98-1	248.40	244.36	245.25	246.00	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.36	53.56	52.94	52.96	1.14	ppb
Phosphorus	31-2	1073.09	1152.46	1173.55	1133.03	4.68	ppb
Potassium	39-2	2523.31	2548.64	2479.35	2517.10	1.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	95.62	55.18	59.37	70.06	31.74	ppb
Selenium	78-2	44.10	50.55	71.62	55.42	25.96	ppb
Selenium	82-1	50.79	51.06	49.37	50.41	1.81	ppb
Silicon	28-1	62.41	58.85	64.23	61.83	4.42	ppb
Silver	109-1	51.93	51.15	50.35	51.15	1.54	ppb
Silver	107-1	51.46	52.09	51.04	51.53	1.02	ppb
Sodium	23-2	5073.45	5180.44	5025.79	5093.23	1.56	ppb
Strontium	86-1	50.98	49.94	50.21	50.38	1.07	ppb
Strontium	88-1	49.84	49.95	49.92	49.90	0.11	ppb
Sulfur	34-1	1123.58	281.64	894.46	766.56	56.79	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	49.27	49.23	49.72	49.41	0.55	ppb
Thallium	205-1	49.59	48.70	48.87	49.05	0.96	ppb
Tin	118-1	50.23	50.50	49.86	50.20	0.64	ppb
Titanium	47-1	247.81	245.19	246.00	246.33	0.54	ppb
Uranium	238-1	47.16	47.81	46.90	47.29	0.99	ppb
Vanadium	51-2	51.77	51.25	51.55	51.52	0.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	104.44	105.05	101.10	103.53	2.05	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:34:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.03	49.14	49.28	49.15	0.25	ppb
Zirconium	91-1	49.41	49.41	49.10	49.31	0.36	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:38:10 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2521.55	2397.74	2474.96	2464.75	2.54	ppb
Antimony	121-1	126.64	124.84	124.41	125.30	0.94	ppb
Arsenic	75-2	125.68	125.02	124.87	125.19	0.35	ppb
Barium	135-1	631.74	632.74	623.46	629.32	0.81	ppb
Barium	137-1	637.78	633.06	628.33	633.06	0.75	ppb
Beryllium	9-1	133.63	132.37	131.58	132.53	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	123.72	130.03	129.03	127.59	2.66	ppb
Boron	11-1	126.90	126.80	128.22	127.30	0.62	ppb
Cadmium	111-1	130.03	132.43	128.44	130.30	1.54	ppb
Cadmium	106-1	132.92	137.66	135.56	135.38	1.75	ppb
Cadmium	108-1	139.54	127.75	136.56	134.62	4.55	ppb
Calcium	43-1	12210.48	12506.53	12319.00	12345.34	1.21	ppb
Calcium	44-1	12440.47	12446.45	12392.69	12426.54	0.24	ppb
Chromium	52-2	128.13	129.34	128.29	128.59	0.51	ppb
Cobalt	59-2	128.39	129.44	127.88	128.57	0.62	ppb
Copper	63-2	259.93	257.85	255.59	257.79	0.84	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				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	6365.61	6350.61	6476.44	6397.55	1.07	ppb
Iron	57-2	6422.58	6253.96	6414.74	6363.76	1.50	ppb
Krypton	83-1						cps
Lead	206-1	123.35	124.81	123.51	123.89	0.65	ppb
Lead	207-1	124.67	124.91	123.00	124.19	0.84	ppb
Lead	208-1	122.84	123.34	122.77	122.98	0.25	ppb
Lithium	6-1				108		%
Magnesium	24-2	13298.01	13069.76	13160.84	13176.20	0.87	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:38:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.29	258.26	259.59	257.72	0.85	ppb
Molybdenum	94-1	625.98	629.53	627.93	627.82	0.28	ppb
Molybdenum	95-1	625.08	627.43	624.74	625.75	0.23	ppb
Molybdenum	96-1	620.16	617.08	620.43	619.22	0.30	ppb
Molybdenum	97-1	626.10	631.99	632.40	630.16	0.56	ppb
Molybdenum	98-1	645.26	637.98	646.24	643.16	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.38	131.28	129.74	130.47	0.59	ppb
Phosphorus	31-2	2763.53	2958.63	2670.90	2797.69	5.25	ppb
Potassium	39-2	6164.20	6166.82	6214.32	6181.78	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	127.65	89.54	143.43	120.21	23.05	ppb
Selenium	78-2	121.87	114.57	116.55	117.66	3.21	ppb
Selenium	82-1	124.80	131.18	126.96	127.65	2.54	ppb
Silicon	28-1	153.38	157.73	154.68	155.26	1.44	ppb
Silver	109-1	127.96	128.56	126.33	127.62	0.91	ppb
Silver	107-1	129.56	129.78	127.26	128.87	1.08	ppb
Sodium	23-2	12662.79	12611.94	12654.90	12643.21	0.22	ppb
Strontium	86-1	126.80	127.66	126.90	127.12	0.37	ppb
Strontium	88-1	125.48	125.97	126.19	125.88	0.29	ppb
Sulfur	34-1	1988.73	2331.98	1701.68	2007.46	15.72	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	119.69	123.11	121.96	121.59	1.43	ppb
Thallium	205-1	121.15	122.52	122.48	122.05	0.64	ppb
Tin	118-1	126.13	126.41	125.33	125.96	0.45	ppb
Titanium	47-1	624.51	626.81	618.45	623.26	0.69	ppb
Uranium	238-1	117.47	119.03	117.80	118.10	0.70	ppb
Vanadium	51-2	128.28	126.24	126.18	126.90	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	257.93	258.29	257.16	257.79	0.22	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:38:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.43	125.80	124.80	125.01	0.57	ppb
Zirconium	91-1	124.71	124.26	125.24	124.73	0.39	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:41:58 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4895.45	4931.81	4931.70	4919.66	0.43	ppb
Antimony	121-1	248.84	252.68	247.09	249.54	1.15	ppb
Arsenic	75-2	249.19	251.58	254.75	251.84	1.11	ppb
Barium	135-1	1260.63	1278.69	1240.31	1259.88	1.52	ppb
Barium	137-1	1261.29	1300.10	1274.92	1278.77	1.54	ppb
Beryllium	9-1	258.09	260.28	257.57	258.65	0.56	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	257.77	249.70	258.03	255.17	1.86	ppb
Boron	11-1	256.00	255.96	259.54	257.17	0.80	ppb
Cadmium	111-1	259.14	257.97	257.43	258.18	0.34	ppb
Cadmium	106-1	258.74	257.27	264.32	260.11	1.43	ppb
Cadmium	108-1	259.55	266.34	254.96	260.28	2.20	ppb
Calcium	43-1	24885.46	24757.18	24454.98	24699.21	0.89	ppb
Calcium	44-1	25119.52	24642.38	24140.93	24634.28	1.99	ppb
Chromium	52-2	257.58	263.32	259.55	260.15	1.12	ppb
Cobalt	59-2	259.03	261.32	260.08	260.14	0.44	ppb
Copper	63-2	520.25	521.83	521.17	521.08	0.15	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				107		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	12971.44	13068.08	12921.34	12986.96	0.57	ppb
Iron	57-2	12873.77	12974.26	13044.39	12964.14	0.66	ppb
Krypton	83-1						cps
Lead	206-1	245.66	251.06	246.30	247.67	1.19	ppb
Lead	207-1	247.29	250.99	247.01	248.43	0.89	ppb
Lead	208-1	245.22	249.04	244.95	246.40	0.93	ppb
Lithium	6-1				113		%
Magnesium	24-2	26486.08	26667.99	26520.82	26558.30	0.36	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:41:58 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.50	524.04	521.31	521.95	0.36	ppb
Molybdenum	94-1	1249.09	1280.90	1268.99	1266.33	1.27	ppb
Molybdenum	95-1	1267.59	1262.13	1280.57	1270.10	0.75	ppb
Molybdenum	96-1	1252.38	1279.27	1271.45	1267.70	1.09	ppb
Molybdenum	97-1	1233.30	1275.63	1246.85	1251.93	1.73	ppb
Molybdenum	98-1	1253.00	1258.88	1254.53	1255.47	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.59	263.67	260.80	263.02	0.75	ppb
Phosphorus	31-2	5241.60	4834.86	5257.47	5111.31	4.69	ppb
Potassium	39-2	12474.96	12410.57	12497.77	12461.10	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	219.34	316.22	276.50	270.69	17.99	ppb
Selenium	78-2	275.44	263.11	251.42	263.32	4.56	ppb
Selenium	82-1	252.73	257.66	252.46	254.28	1.15	ppb
Silicon	28-1	268.61	267.31	261.86	265.93	1.35	ppb
Silver	109-1	253.70	255.25	250.47	253.14	0.96	ppb
Silver	107-1	252.98	252.12	248.97	251.35	0.84	ppb
Sodium	23-2	25826.35	25931.57	25894.06	25883.99	0.21	ppb
Strontium	86-1	247.82	255.03	249.60	250.82	1.50	ppb
Strontium	88-1	254.83	254.79	259.43	256.35	1.04	ppb
Sulfur	34-1	4472.58	4283.60	3994.38	4250.19	5.67	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	243.80	246.56	244.07	244.81	0.62	ppb
Thallium	205-1	244.18	248.30	243.71	245.40	1.03	ppb
Tin	118-1	248.69	253.20	248.38	250.09	1.08	ppb
Titanium	47-1	1242.28	1247.45	1224.37	1238.03	0.98	ppb
Uranium	238-1	237.63	238.76	238.14	238.17	0.24	ppb
Vanadium	51-2	256.22	260.16	257.05	257.81	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	526.13	522.12	523.11	523.78	0.40	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:41:58	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	249.68	255.73	253.69	253.04	1.22	ppb
Zirconium	91-1	242.58	246.26	247.37	245.41	1.02	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9520.05	9673.29	9310.21	9501.18	1.92	ppb
Antimony	121-1	507.95	513.20	495.38	505.51	1.81	ppb
Arsenic	75-2	498.58	502.52	502.28	501.13	0.44	ppb
Barium	135-1	2523.72	2565.70	2507.18	2532.20	1.19	ppb
Barium	137-1	2539.98	2557.17	2533.43	2543.53	0.48	ppb
Beryllium	9-1	506.47	507.41	505.59	506.49	0.18	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Boron	10-1	484.11	502.86	514.00	500.33	3.02	ppb
Boron	11-1	491.08	508.74	503.86	501.23	1.82	ppb
Cadmium	111-1	504.38	515.15	502.79	507.44	1.32	ppb
Cadmium	106-1	491.77	520.62	501.64	504.68	2.91	ppb
Cadmium	108-1	508.69	513.95	506.44	509.69	0.76	ppb
Calcium	43-1	49264.03	49024.64	49377.44	49222.04	0.37	ppb
Calcium	44-1	49000.58	48860.75	48819.24	48893.52	0.19	ppb
Chromium	52-2	511.22	504.58	500.90	505.56	1.03	ppb
Cobalt	59-2	506.34	500.96	489.69	499.00	1.70	ppb
Copper	63-2	1011.15	991.21	986.55	996.31	1.31	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				108		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	25300.78	25361.71	24827.46	25163.32	1.16	ppb
Iron	57-2	25317.18	25157.67	24595.65	25023.50	1.51	ppb
Krypton	83-1						cps
Lead	206-1	503.03	497.26	495.05	498.45	0.83	ppb
Lead	207-1	506.34	494.06	497.41	499.27	1.27	ppb
Lead	208-1	499.07	495.58	493.75	496.13	0.55	ppb
Lithium	6-1				117		%
Magnesium	24-2	52933.96	53084.81	52383.35	52800.71	0.70	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.55	1009.97	996.96	1011.83	1.57	ppb
Molybdenum	94-1	2494.93	2524.53	2521.57	2513.67	0.65	ppb
Molybdenum	95-1	2544.67	2527.48	2493.45	2521.87	1.03	ppb
Molybdenum	96-1	2484.26	2525.10	2505.70	2505.02	0.82	ppb
Molybdenum	97-1	2508.23	2550.54	2493.25	2517.34	1.18	ppb
Molybdenum	98-1	2491.88	2528.29	2470.31	2496.82	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.84	509.20	498.10	506.71	1.52	ppb
Phosphorus	31-2	10657.57	9964.88	9729.21	10117.22	4.77	ppb
Potassium	39-2	24351.56	24371.55	24132.08	24285.06	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	389.05	583.65	573.83	515.51	21.27	ppb
Selenium	78-2	502.14	550.61	496.70	516.48	5.75	ppb
Selenium	82-1	501.79	511.25	499.43	504.16	1.24	ppb
Silicon	28-1	508.68	524.65	529.12	520.82	2.06	ppb
Silver	109-1	509.90	506.25	511.28	509.14	0.51	ppb
Silver	107-1	509.82	514.92	503.38	509.38	1.14	ppb
Sodium	23-2	50106.95	49544.16	48903.80	49518.30	1.22	ppb
Strontium	86-1	498.74	504.84	500.17	501.25	0.64	ppb
Strontium	88-1	502.65	508.64	498.96	503.41	0.97	ppb
Sulfur	34-1	9613.05	9698.50	9630.74	9647.43	0.47	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	493.31	487.74	484.30	488.45	0.93	ppb
Thallium	205-1	507.75	504.99	495.65	502.80	1.26	ppb
Tin	118-1	492.37	498.36	485.97	492.24	1.26	ppb
Titanium	47-1	2514.41	2510.13	2531.50	2518.68	0.45	ppb
Uranium	238-1	508.25	511.49	496.06	505.27	1.61	ppb
Vanadium	51-2	504.51	503.26	495.51	501.09	0.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1024.34	1006.18	1001.41	1010.64	1.20	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.05	510.57	502.22	505.61	0.87	ppb
Zirconium	91-1	492.98	499.93	491.99	494.96	0.87	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:49:19 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18953.33	19015.36	18537.29	18835.33	1.38	ppb
Antimony	121-1	996.53	997.12	998.38	997.34	0.09	ppb
Arsenic	75-2	994.34	995.47	1007.00	998.94	0.70	ppb
Barium	135-1	4991.11	5007.25	4944.12	4980.83	0.66	ppb
Barium	137-1	4955.75	5025.13	4929.26	4970.05	1.00	ppb
Beryllium	9-1	996.57	1003.86	980.07	993.50	1.23	ppb
Bismuth	209-1				112		%
Bismuth	209-2				115		%
Boron	10-1	1002.19	1013.37	978.98	998.18	1.76	ppb
Boron	11-1	993.15	1007.61	990.84	997.20	0.91	ppb
Cadmium	111-1	992.65	995.54	992.20	993.46	0.18	ppb
Cadmium	106-1	1010.54	998.99	971.58	993.70	2.01	ppb
Cadmium	108-1	994.78	995.98	982.93	991.23	0.73	ppb
Calcium	43-1	99132.65	99369.48	98561.67	99021.27	0.42	ppb
Calcium	44-1	97469.48	99212.70	98077.23	98253.13	0.90	ppb
Chromium	52-2	998.93	996.77	986.65	994.12	0.66	ppb
Cobalt	59-2	997.96	1006.08	988.20	997.41	0.90	ppb
Copper	63-2	2008.25	2009.71	1968.11	1995.36	1.18	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				112		%
Holmium	165-2				114		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	49172.13	49502.76	48506.82	49060.57	1.03	ppb
Iron	57-2	49552.82	49473.31	48704.28	49243.47	0.95	ppb
Krypton	83-1						cps
Lead	206-1	993.14	1015.70	995.67	1001.50	1.23	ppb
Lead	207-1	1001.54	1005.05	995.97	1000.86	0.46	ppb
Lead	208-1	1005.26	1005.36	998.70	1003.11	0.38	ppb
Lithium	6-1				122		%
Magnesium	24-2	103843.56	103475.88	101984.82	103101.42	0.95	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:49:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1992.09	1999.11	1971.10	1987.43	0.73	ppb
Molybdenum	94-1	5008.77	5032.26	4925.44	4988.82	1.13	ppb
Molybdenum	95-1	5048.20	4982.84	4921.22	4984.09	1.27	ppb
Molybdenum	96-1	5048.10	4994.23	4940.02	4994.12	1.08	ppb
Molybdenum	97-1	4990.19	4986.97	4993.71	4990.29	0.07	ppb
Molybdenum	98-1	5038.01	5016.51	4939.94	4998.15	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.81	996.24	988.62	992.56	0.38	ppb
Phosphorus	31-2	20004.82	19961.63	19642.65	19869.70	1.00	ppb
Potassium	39-2	47815.37	48032.47	47100.64	47649.49	1.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	988.79	982.95	988.28	986.67	0.33	ppb
Selenium	78-2	971.89	1011.54	983.74	989.06	2.06	ppb
Selenium	82-1	1005.55	998.96	985.00	996.50	1.05	ppb
Silicon	28-1	978.55	986.87	978.35	981.26	0.50	ppb
Silver	109-1	992.41	990.77	999.59	994.26	0.47	ppb
Silver	107-1	988.23	998.73	996.28	994.41	0.55	ppb
Sodium	23-2	97002.24	96881.74	96905.47	96929.81	0.07	ppb
Strontium	86-1	1008.25	999.13	989.27	998.89	0.95	ppb
Strontium	88-1	1004.26	996.45	989.10	996.60	0.76	ppb
Sulfur	34-1	20683.42	20330.09	20297.42	20436.98	1.05	ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	1008.35	1013.22	1001.02	1007.53	0.61	ppb
Thallium	205-1	994.30	1004.69	1001.51	1000.17	0.53	ppb
Tin	118-1	1009.23	1002.10	999.87	1003.73	0.49	ppb
Titanium	47-1	5026.44	5022.70	4933.02	4994.05	1.06	ppb
Uranium	238-1	997.19	998.75	1008.02	1001.32	0.58	ppb
Vanadium	51-2	999.28	996.71	995.57	997.19	0.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1997.01	1997.92	1967.81	1987.58	0.86	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:49:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	998.38	995.64	995.41	996.48	0.17	ppb
Zirconium	91-1	1009.79	999.29	1002.12	1003.73	0.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98780.98	101083.28	100998.96	100287.74	1.30	ppb
Antimony	121-1	1.32	1.31	1.28	1.30	1.90	ppb
Arsenic	75-2	1.48	1.47	1.69	1.55	7.90	ppb
Barium	135-1	0.59	0.66	0.58	0.61	6.99	ppb
Barium	137-1	0.69	0.69	0.58	0.65	10.09	ppb
Beryllium	9-1	0.14	0.09	0.21	0.15	41.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	14.51	14.69	11.40	13.53	13.68	ppb
Boron	11-1	15.63	14.30	12.97	14.30	9.30	ppb
Cadmium	111-1	0.11	0.12	0.13	0.12	9.19	ppb
Cadmium	106-1	0.29	0.64	1.23	0.72	66.35	ppb
Cadmium	108-1	0.05	-0.08	0.52	0.16	196.29	ppb
Calcium	43-1	503117.93	501029.46	496734.73	500294.04	0.65	ppb
Calcium	44-1	498503.03	503859.38	499079.59	500480.67	0.59	ppb
Chromium	52-2	14.87	14.95	15.33	15.05	1.61	ppb
Cobalt	59-2	12.00	12.52	12.44	12.32	2.26	ppb
Copper	63-2	2.90	2.75	2.99	2.88	4.26	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				108		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	248960.69	251034.88	250430.85	250142.14	0.43	ppb
Iron	57-2	248449.41	253173.45	248742.11	250121.66	1.06	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.46	1.45	1.46	0.43	ppb
Lead	207-1	1.23	1.29	1.37	1.30	5.39	ppb
Lead	208-1	1.30	1.34	1.37	1.34	2.48	ppb
Lithium	6-1				122		%
Magnesium	24-2	492828.47	503435.48	500740.26	499001.40	1.10	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.88	11.02	10.43	10.78	2.83	ppb
Molybdenum	94-1	3.14	3.17	3.21	3.17	1.14	ppb
Molybdenum	95-1	3.68	3.48	3.51	3.56	3.08	ppb
Molybdenum	96-1	3.79	3.83	3.97	3.86	2.50	ppb
Molybdenum	97-1	3.81	3.55	3.52	3.63	4.48	ppb
Molybdenum	98-1	3.56	3.67	3.64	3.62	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.64	19.95	19.67	19.42	3.55	ppb
Phosphorus	31-2	1.97	-9.65	-22.17	-9.95		ppb
Potassium	39-2	245967.19	254366.79	251301.60	250545.19	1.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	3.78	3.81	3.81	3.80	0.43	ppb
Selenium	78-2	0.78	0.79	1.41	0.99	35.92	ppb
Selenium	82-1	1.06	1.19	2.27	1.51	44.12	ppb
Silicon	28-1	106.28	108.90	107.94	107.71	1.23	ppb
Silver	109-1	0.08	0.07	0.06	0.07	11.45	ppb
Silver	107-1	0.08	0.09	0.07	0.08	14.20	ppb
Sodium	23-2	491569.33	505287.85	504983.45	500613.54	1.56	ppb
Strontium	86-1	4.15	4.33	4.64	4.37	5.70	ppb
Strontium	88-1	4.54	4.48	4.56	4.53	0.93	ppb
Sulfur	34-1	-1304.96	-982.43	-879.89	-1055.76		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.49	0.55	0.44	0.49	11.13	ppb
Thallium	205-1	0.55	0.44	0.42	0.47	14.94	ppb
Tin	118-1	0.76	0.73	0.86	0.78	8.61	ppb
Titanium	47-1	1.49	1.12	1.11	1.24	17.45	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	6.23	ppb
Vanadium	51-2	0.18	0.18	0.22	0.19	13.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	18.59	19.62	19.19	19.13	2.71	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.40	0.37	0.39	4.10	ppb
Zirconium	91-1	0.30	0.43	0.40	0.37	18.01	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:00:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	462.16	476.21	452.09	463.49	2.61	ppb
Antimony	121-1	189.44	193.02	195.47	192.65	1.58	ppb
Arsenic	75-2	198.53	198.66	194.57	197.25	1.18	ppb
Barium	135-1	96.31	101.03	96.72	98.02	2.67	ppb
Barium	137-1	96.56	99.30	100.84	98.90	2.19	ppb
Beryllium	9-1	96.93	101.46	98.70	99.03	2.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	4.93	4.98	4.05	4.65	11.30	ppb
Boron	11-1	4.98	4.67	4.92	4.86	3.43	ppb
Cadmium	111-1	98.23	101.71	102.15	100.70	2.13	ppb
Cadmium	106-1	88.06	94.53	89.28	90.62	3.79	ppb
Cadmium	108-1	90.77	94.34	95.60	93.57	2.68	ppb
Calcium	43-1	1941.70	1917.71	1887.21	1915.54	1.43	ppb
Calcium	44-1	1998.27	2000.77	2008.16	2002.40	0.26	ppb
Chromium	52-2	98.23	96.19	99.58	98.00	1.74	ppb
Cobalt	59-2	103.46	101.20	103.49	102.72	1.28	ppb
Copper	63-2	103.77	101.95	103.77	103.16	1.02	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				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	1016.09	994.72	1015.33	1008.71	1.20	ppb
Iron	57-2	1025.29	977.45	1001.78	1001.50	2.39	ppb
Krypton	83-1						cps
Lead	206-1	196.77	199.66	199.17	198.54	0.78	ppb
Lead	207-1	190.00	192.18	192.97	191.72	0.80	ppb
Lead	208-1	191.75	192.57	193.17	192.50	0.37	ppb
Lithium	6-1				117		%
Magnesium	24-2	1228.44	1154.28	1193.49	1192.07	3.11	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:00:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.57	98.16	99.00	98.91	0.72	ppb
Molybdenum	94-1	0.12	0.07	0.02	0.07	75.39	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	16.53	ppb
Molybdenum	96-1	0.15	0.08	0.07	0.10	44.34	ppb
Molybdenum	97-1	0.10	0.06	0.11	0.09	27.23	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.58	102.48	103.77	103.94	1.50	ppb
Phosphorus	31-2	3.29	-22.15	-21.91	-13.59		ppb
Potassium	39-2	1967.02	1954.44	1926.16	1949.21	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	194.51	191.85	238.78	208.38	12.65	ppb
Selenium	78-2	189.58	192.56	202.51	194.88	3.47	ppb
Selenium	82-1	201.81	200.52	201.24	201.19	0.32	ppb
Silicon	28-1	-4.90	-2.80	-3.66	-3.79		ppb
Silver	109-1	97.75	99.33	100.59	99.23	1.43	ppb
Silver	107-1	98.33	99.63	100.20	99.39	0.96	ppb
Sodium	23-2	2111.82	2079.56	2088.58	2093.32	0.79	ppb
Strontium	86-1	2.16	2.02	2.29	2.16	6.19	ppb
Strontium	88-1	2.22	2.27	2.22	2.24	1.28	ppb
Sulfur	34-1	143.33	70.44	-363.67	-49.97		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	195.16	196.55	196.67	196.13	0.43	ppb
Thallium	205-1	196.30	199.27	197.52	197.70	0.76	ppb
Tin	118-1	0.05	0.01	0.06	0.04	74.88	ppb
Titanium	47-1	-0.01	0.05	0.00	0.01	260.77	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	227.88	ppb
Vanadium	51-2	99.56	98.06	99.38	99.00	0.83	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	205.38	202.51	203.72	203.87	0.71	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:00:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	38.93	ppb
Zirconium	91-1	0.09	0.05	0.12	0.09	37.63	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.26	17.47	20.78	19.50	9.13	ppb
Antimony	121-1	1.82	1.79	1.77	1.79	1.47	ppb
Arsenic	75-2	0.99	0.86	1.30	1.05	21.38	ppb
Barium	135-1	10.22	9.60	9.44	9.75	4.20	ppb
Barium	137-1	9.25	9.49	9.38	9.37	1.30	ppb
Beryllium	9-1	0.86	0.93	0.87	0.88	4.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	24.23	28.40	26.28	26.30	7.93	ppb
Boron	11-1	22.00	22.63	24.90	23.18	6.58	ppb
Cadmium	111-1	1.16	1.02	0.66	0.95	26.94	ppb
Cadmium	106-1	1.88	1.91	-1.22	0.86	209.18	ppb
Cadmium	108-1	0.60	0.94	0.79	0.78	21.61	ppb
Calcium	43-1	459.74	454.80	450.83	455.13	0.98	ppb
Calcium	44-1	479.98	481.70	481.87	481.18	0.22	ppb
Chromium	52-2	1.63	1.73	1.82	1.72	5.57	ppb
Cobalt	59-2	0.98	0.95	0.86	0.93	6.69	ppb
Copper	63-2	2.02	1.91	1.85	1.93	4.65	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				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	50.51	50.39	50.53	50.48	0.15	ppb
Iron	57-2	56.21	65.77	49.80	57.26	14.04	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.92	0.93	0.91	3.88	ppb
Lead	207-1	0.90	0.98	0.99	0.96	4.88	ppb
Lead	208-1	0.92	0.93	1.00	0.95	4.10	ppb
Lithium	6-1				113		%
Magnesium	24-2	489.71	497.49	476.39	487.86	2.19	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	1.01	0.91	0.93	7.88	ppb
Molybdenum	94-1	4.59	4.63	4.66	4.63	0.80	ppb
Molybdenum	95-1	4.69	4.59	4.72	4.67	1.38	ppb
Molybdenum	96-1	4.78	4.70	4.66	4.71	1.23	ppb
Molybdenum	97-1	5.02	4.69	5.08	4.93	4.33	ppb
Molybdenum	98-1	4.70	4.38	4.77	4.62	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.90	1.21	1.03	16.15	ppb
Phosphorus	31-2	29.43	-21.91	29.26	12.26	241.34	ppb
Potassium	39-2	469.47	449.81	446.56	455.28	2.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	3.89	7.82	7.84	6.52	34.90	ppb
Selenium	78-2	6.42	5.82	4.58	5.61	16.73	ppb
Selenium	82-1	4.70	3.34	4.63	4.22	18.15	ppb
Silicon	28-1	3.66	1.36	1.67	2.23	56.05	ppb
Silver	109-1	0.95	0.90	0.90	0.92	3.00	ppb
Silver	107-1	0.93	0.86	0.96	0.92	5.33	ppb
Sodium	23-2	497.81	486.77	505.29	496.63	1.88	ppb
Strontium	86-1	0.84	0.87	0.79	0.83	5.09	ppb
Strontium	88-1	0.93	0.90	0.89	0.91	2.27	ppb
Sulfur	34-1	188.84	196.22	159.05	181.37	10.85	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	1.01	1.00	1.03	1.01	1.36	ppb
Thallium	205-1	1.02	1.08	0.89	1.00	9.41	ppb
Tin	118-1	5.10	4.65	4.66	4.80	5.36	ppb
Titanium	47-1	4.64	4.48	5.43	4.85	10.50	ppb
Uranium	238-1	0.86	0.82	0.86	0.85	2.74	ppb
Vanadium	51-2	5.14	4.88	5.17	5.06	3.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	1.93	1.63	1.77	1.78	8.57	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.95	0.85	0.91	6.29	ppb
Zirconium	91-1	0.88	1.03	0.89	0.93	8.77	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:25:53 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	-2.60	-1.07	-1.09		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	12.26	ppb
Arsenic	75-2	-0.01	-0.04	-0.07	-0.04		ppb
Barium	135-1	0.02	-0.04	0.03	0.00	2768.94	ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	128.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	1.20	0.69	0.98	0.95	26.79	ppb
Boron	11-1	1.09	1.64	1.68	1.47	22.51	ppb
Cadmium	111-1	0.09	-0.12	-0.04	-0.02		ppb
Cadmium	106-1	1.28	-1.33	-0.66	-0.24		ppb
Cadmium	108-1	-0.01	0.20	0.12	0.10	103.39	ppb
Calcium	43-1	-3.39	-7.40	-3.98	-4.92		ppb
Calcium	44-1	25.03	26.65	23.21	24.96	6.89	ppb
Chromium	52-2	-0.12	-0.13	-0.31	-0.19		ppb
Cobalt	59-2	0.00	-0.03	0.00	-0.01		ppb
Copper	63-2	0.00	0.02	0.05	0.02	123.19	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				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	-0.93	-0.25	-0.61	-0.59		ppb
Iron	57-2	-1.12	1.20	0.06	0.05	2414.25	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00		ppb
Lead	207-1	0.04	0.00	0.03	0.02	90.14	ppb
Lead	208-1	0.02	-0.01	0.01	0.01	188.78	ppb
Lithium	6-1				112		%
Magnesium	24-2	1.77	-1.29	-1.54	-0.35		ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:25:53	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	-0.06	-0.02	-0.01		ppb
Molybdenum	94-1	0.04	-0.01	0.02	0.02	162.68	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	0.01	0.00	0.01	0.01	137.03	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-34.50	-34.50	4.51	-21.50		ppb
Potassium	39-2	2.45	16.70	-7.23	3.97	303.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	3.89	3.96	15.85	7.90	87.14	ppb
Selenium	78-2	0.20	1.48	2.74	1.47	86.46	ppb
Selenium	82-1	0.98	-0.31	0.04	0.24	282.32	ppb
Silicon	28-1	-5.23	-7.27	-5.35	-5.95		ppb
Silver	109-1	0.01	0.01	0.01	0.01	50.12	ppb
Silver	107-1	0.01	0.01	0.00	0.01	130.51	ppb
Sodium	23-2	30.94	28.87	38.53	32.78	15.52	ppb
Strontium	86-1	-0.09	-0.13	-0.13	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	765.73	642.82	636.52	681.69	10.69	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.04	0.04	0.05	23.96	ppb
Thallium	205-1	0.07	0.04	0.04	0.05	29.18	ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb
Titanium	47-1	0.02	-0.01	-0.07	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	323.03	ppb
Vanadium	51-2	0.04	-0.01	-0.02	0.00	845.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	0.18	-0.07	0.04	306.52	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:25:53	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	82.53	ppb
Zirconium	91-1	0.04	0.00	0.01	0.02	104.10	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:29:21	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88830.43	88104.21	86173.57	87702.74	1.57	ppb
Antimony	121-1	1.18	1.16	1.12	1.15	2.60	ppb
Arsenic	75-2	0.37	0.27	0.23	0.29	24.57	ppb
Barium	135-1	1.46	1.48	1.47	1.47	0.88	ppb
Barium	137-1	1.44	1.32	1.43	1.39	4.58	ppb
Beryllium	9-1	0.25	0.33	0.26	0.28	16.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	1.40	1.75	1.34	1.49	14.82	ppb
Boron	11-1	2.28	1.67	1.41	1.79	24.98	ppb
Cadmium	111-1	0.51	0.28	0.24	0.34	43.00	ppb
Cadmium	106-1	0.50	-1.34	-1.01	-0.62		ppb
Cadmium	108-1	7.61	9.05	9.73	8.80	12.30	ppb
Calcium	43-1	97714.53	96454.96	95594.03	96587.84	1.10	ppb
Calcium	44-1	96734.81	94695.11	94825.63	95418.52	1.20	ppb
Chromium	52-2	20.52	20.19	20.17	20.29	0.98	ppb
Cobalt	59-2	1.11	1.18	1.19	1.16	3.59	ppb
Copper	63-2	8.50	8.58	8.12	8.40	2.93	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				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	101386.81	102690.09	99198.27	101091.72	1.75	ppb
Iron	57-2	104125.72	102621.03	100067.45	102271.40	2.01	ppb
Krypton	83-1						cps
Lead	206-1	6.95	6.36	6.14	6.48	6.46	ppb
Lead	207-1	5.87	5.77	5.52	5.72	3.12	ppb
Lead	208-1	6.26	6.00	5.67	5.98	4.91	ppb
Lithium	6-1				102		%
Magnesium	24-2	100633.31	100440.07	98355.49	99809.62	1.27	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:29:21	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.68	7.68	8.30	7.89	4.50	ppb
Molybdenum	94-1	1388.05	1377.18	1357.29	1374.17	1.14	ppb
Molybdenum	95-1	1971.34	1929.54	1894.91	1931.93	1.98	ppb
Molybdenum	96-1	1881.70	1831.37	1852.42	1855.16	1.36	ppb
Molybdenum	97-1	1960.25	1933.88	1902.67	1932.27	1.49	ppb
Molybdenum	98-1	1970.19	1941.27	1907.15	1939.54	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.83	6.04	5.12	5.66	8.50	ppb
Phosphorus	31-2	100359.76	102178.49	98498.09	100345.45	1.83	ppb
Potassium	39-2	98615.39	100284.77	98683.28	99194.48	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	8.31	0.00	0.00	2.77	173.21	ppb
Selenium	78-2	-0.42	0.91	0.93	0.47	165.10	ppb
Selenium	82-1	0.46	-0.28	-0.30	-0.04		ppb
Silicon	28-1	23.35	19.03	16.99	19.79	16.41	ppb
Silver	109-1	0.18	0.22	0.17	0.19	14.13	ppb
Silver	107-1	0.17	0.15	0.19	0.17	12.73	ppb
Sodium	23-2	101753.78	99911.77	98265.88	99977.15	1.75	ppb
Strontium	86-1	33.46	33.12	33.46	33.35	0.59	ppb
Strontium	88-1	33.72	33.13	33.31	33.39	0.91	ppb
Sulfur	34-1	86374.34	83901.13	81690.29	83988.59	2.79	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.31	0.30	0.28	0.30	4.73	ppb
Thallium	205-1	0.30	0.24	0.25	0.26	12.39	ppb
Tin	118-1	0.14	0.10	0.16	0.13	21.20	ppb
Titanium	47-1	1995.20	1945.59	1977.48	1972.76	1.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.37	ppb
Vanadium	51-2	0.13	0.15	0.15	0.14	10.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	13.50	14.20	13.90	13.86	2.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:29:21	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	1.95	ppb
Zirconium	91-1	-0.01	0.04	0.04	0.02	121.75	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:40:32	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87955.18	89225.36	87629.58	88270.04	0.96	ppb
Antimony	121-1	20.14	20.63	20.47	20.41	1.22	ppb
Arsenic	75-2	20.48	19.40	20.14	20.01	2.74	ppb
Barium	135-1	20.47	21.41	20.29	20.73	2.89	ppb
Barium	137-1	20.66	20.80	21.35	20.94	1.74	ppb
Beryllium	9-1	23.11	22.00	22.05	22.38	2.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	55.95	52.23	52.36	53.51	3.95	ppb
Boron	11-1	51.44	54.88	54.99	53.77	3.75	ppb
Cadmium	111-1	20.22	20.09	20.47	20.26	0.97	ppb
Cadmium	106-1	22.49	21.29	21.05	21.61	3.58	ppb
Cadmium	108-1	28.44	30.02	27.98	28.81	3.73	ppb
Calcium	43-1	94293.12	95024.36	94035.73	94451.07	0.54	ppb
Calcium	44-1	94974.81	95780.81	94859.77	95205.13	0.53	ppb
Chromium	52-2	42.66	43.30	42.21	42.72	1.28	ppb
Cobalt	59-2	22.36	22.83	22.89	22.69	1.27	ppb
Copper	63-2	31.03	30.62	30.08	30.58	1.56	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				105		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	103182.21	104456.56	102726.98	103455.25	0.87	ppb
Iron	57-2	103311.19	104439.79	102561.86	103437.61	0.91	ppb
Krypton	83-1						cps
Lead	206-1	27.26	26.32	26.53	26.70	1.86	ppb
Lead	207-1	25.21	24.23	24.16	24.54	2.40	ppb
Lead	208-1	25.68	24.64	24.68	25.00	2.37	ppb
Lithium	6-1				80		%
Magnesium	24-2	101766.40	103418.88	101600.66	102261.98	0.98	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:40:32	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	29.09	29.50	29.32	29.30	0.70	ppb
Molybdenum	94-1	1497.24	1455.36	1460.45	1471.02	1.55	ppb
Molybdenum	95-1	2013.43	1984.89	2007.12	2001.81	0.75	ppb
Molybdenum	96-1	1938.54	1925.25	1921.75	1928.51	0.46	ppb
Molybdenum	97-1	2012.96	1996.94	1988.90	1999.60	0.61	ppb
Molybdenum	98-1	2000.32	1981.51	1973.81	1985.21	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.36	28.28	27.42	27.69	1.85	ppb
Phosphorus	31-2	99247.71	99219.01	99680.28	99382.33	0.26	ppb
Potassium	39-2	98212.81	99241.08	98173.19	98542.36	0.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	22.32	13.58	22.88	19.60	26.60	ppb
Selenium	78-2	21.67	18.37	20.76	20.27	8.39	ppb
Selenium	82-1	21.26	18.94	18.69	19.63	7.22	ppb
Silicon	28-1	57.57	57.44	56.24	57.08	1.29	ppb
Silver	109-1	18.15	18.01	18.61	18.26	1.74	ppb
Silver	107-1	18.26	18.13	18.68	18.36	1.57	ppb
Sodium	23-2	101141.51	103166.89	99863.73	101390.71	1.64	ppb
Strontium	86-1	81.51	81.14	83.29	81.98	1.40	ppb
Strontium	88-1	82.09	81.26	82.35	81.90	0.69	ppb
Sulfur	34-1	78963.48	78723.78	77189.15	78292.14	1.23	ppb
Terbium	159-1				105		%
Terbium	159-2				93		%
Thallium	203-1	19.95	20.49	20.61	20.35	1.72	ppb
Thallium	205-1	20.05	20.45	20.13	20.21	1.07	ppb
Tin	118-1	45.47	46.21	45.94	45.87	0.82	ppb
Titanium	47-1	1992.04	1986.60	2004.24	1994.29	0.45	ppb
Uranium	238-1	46.80	46.64	47.36	46.93	0.80	ppb
Vanadium	51-2	21.22	20.60	21.38	21.07	1.96	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	32.99	37.65	34.52	35.05	6.78	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:40:32	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.49	48.49	48.26	48.41	0.28	ppb
Zirconium	91-1	49.41	48.51	46.71	48.21	2.86	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50545.77	49999.89	50992.63	50512.76	0.98	ppb
Antimony	121-1	503.65	520.33	515.24	513.07	1.67	ppb
Arsenic	75-2	513.09	526.38	529.00	522.82	1.63	ppb
Barium	135-1	2519.01	2601.35	2614.26	2578.21	2.00	ppb
Barium	137-1	2498.63	2573.11	2562.83	2544.86	1.59	ppb
Beryllium	9-1	565.67	572.95	565.51	568.04	0.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	568.36	570.32	576.87	571.85	0.78	ppb
Boron	11-1	548.16	568.89	574.09	563.72	2.43	ppb
Cadmium	111-1	489.12	502.02	501.21	497.45	1.45	ppb
Cadmium	106-1	483.19	494.31	498.89	492.13	1.64	ppb
Cadmium	108-1	489.38	504.42	503.11	498.97	1.67	ppb
Calcium	43-1	238393.96	235661.46	239469.26	237841.56	0.83	ppb
Calcium	44-1	238521.24	237741.90	239089.55	238450.89	0.28	ppb
Chromium	52-2	535.57	530.38	536.97	534.31	0.65	ppb
Cobalt	59-2	527.49	524.25	533.07	528.27	0.84	ppb
Copper	63-2	1030.64	1009.71	1036.21	1025.52	1.36	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				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	126917.56	126621.08	129167.68	127568.77	1.09	ppb
Iron	57-2	130549.75	128623.18	129718.56	129630.49	0.75	ppb
Krypton	83-1						cps
Lead	206-1	518.68	518.26	507.35	514.76	1.25	ppb
Lead	207-1	521.03	525.00	513.47	519.84	1.13	ppb
Lead	208-1	521.07	522.04	512.93	518.68	0.96	ppb
Lithium	6-1				84		%
Magnesium	24-2	254200.73	251319.03	256459.15	253992.97	1.01	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.55	1021.22	1042.62	1030.13	1.08	ppb
Molybdenum	94-1	2561.57	2541.04	2561.85	2554.82	0.47	ppb
Molybdenum	95-1	2582.09	2575.69	2521.47	2559.75	1.30	ppb
Molybdenum	96-1	2586.35	2538.68	2525.94	2550.32	1.25	ppb
Molybdenum	97-1	2571.02	2567.59	2566.90	2568.50	0.09	ppb
Molybdenum	98-1	2535.99	2555.47	2535.17	2542.21	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.93	530.04	535.25	532.07	0.52	ppb
Phosphorus	31-2	10098.12	10772.80	10300.67	10390.53	3.33	ppb
Potassium	39-2	123280.35	122838.42	124430.93	123516.57	0.67	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	562.68	515.79	613.72	564.06	8.68	ppb
Selenium	78-2	511.42	460.09	521.75	497.75	6.64	ppb
Selenium	82-1	509.81	501.78	504.32	505.30	0.81	ppb
Silicon	28-1	476.47	483.44	496.83	485.58	2.13	ppb
Silver	109-1	494.65	503.49	510.04	502.73	1.54	ppb
Silver	107-1	482.64	501.08	501.15	494.96	2.15	ppb
Sodium	23-2	250557.20	249770.44	253159.73	251162.45	0.71	ppb
Strontium	86-1	513.10	509.77	513.01	511.96	0.37	ppb
Strontium	88-1	517.51	511.15	516.26	514.97	0.65	ppb
Sulfur	34-1	6747.76	6921.35	7245.57	6971.56	3.62	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	511.54	505.76	504.42	507.24	0.75	ppb
Thallium	205-1	527.70	523.66	519.37	523.58	0.80	ppb
Tin	118-1	488.18	498.90	499.79	495.62	1.30	ppb
Titanium	47-1	2555.06	2583.14	2560.83	2566.34	0.58	ppb
Uranium	238-1	532.76	528.49	519.31	526.85	1.31	ppb
Vanadium	51-2	530.37	526.96	534.35	530.56	0.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	1031.83	1026.61	1050.41	1036.28	1.21	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.05	512.23	515.92	515.07	0.49	ppb
Zirconium	91-1	505.64	505.48	503.21	504.78	0.27	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:48:32 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.74	0.27	-0.91	-0.79		ppb
Antimony	121-1	0.14	0.21	0.17	0.17	18.54	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	1248.12	ppb
Barium	135-1	-0.03	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	0.02	-0.02	0.00		ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	34.93	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	4.53	3.05	1.89	3.16	41.96	ppb
Boron	11-1	3.96	3.75	3.15	3.62	11.62	ppb
Cadmium	111-1	-0.09	0.01	-0.05	-0.05		ppb
Cadmium	106-1	-1.25	0.25	-0.94	-0.65		ppb
Cadmium	108-1	-0.15	0.26	-0.15	-0.01		ppb
Calcium	43-1	-6.02	-5.45	0.92	-3.52		ppb
Calcium	44-1	20.87	24.60	26.41	23.96	11.79	ppb
Chromium	52-2	0.14	-0.06	0.30	0.13	141.31	ppb
Cobalt	59-2	0.01	-0.03	0.01	0.00		ppb
Copper	63-2	0.06	0.15	0.11	0.11	42.73	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				107		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	0.90	1.77	1.95	1.54	36.74	ppb
Iron	57-2	5.56	-1.49	0.83	1.63	219.87	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.29	0.29	0.29	4.01	ppb
Lead	207-1	0.22	0.22	0.24	0.23	6.19	ppb
Lead	208-1	0.26	0.25	0.25	0.25	1.95	ppb
Lithium	6-1				90		%
Magnesium	24-2	5.33	2.34	5.17	4.28	39.38	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:48:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.12	0.04	0.12	65.17	ppb
Molybdenum	94-1	0.11	0.09	0.12	0.11	14.74	ppb
Molybdenum	95-1	0.14	0.14	0.07	0.12	30.82	ppb
Molybdenum	96-1	0.12	0.14	0.15	0.14	12.98	ppb
Molybdenum	97-1	0.19	0.13	0.15	0.15	19.65	ppb
Molybdenum	98-1	0.13	0.12	0.10	0.12	15.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.06	0.04	54.13	ppb
Phosphorus	31-2	8.62	-34.50	-5.04	-10.31		ppb
Potassium	39-2	40.33	28.60	50.06	39.66	27.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	4.34	4.29	0.00	2.88	86.61	ppb
Selenium	78-2	-0.42	-0.42	0.27	-0.19		ppb
Selenium	82-1	-1.30	0.09	-0.05	-0.42		ppb
Silicon	28-1	-18.33	-17.59	-16.49	-17.47		ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.45	ppb
Silver	107-1	0.04	0.03	0.04	0.04	13.96	ppb
Sodium	23-2	133.03	131.63	128.28	130.98	1.86	ppb
Strontium	86-1	-0.01	-0.16	-0.04	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	151.22	ppb
Sulfur	34-1	-2252.25	-1876.12	-1683.24	-1937.20		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.17	0.14	0.16	0.15	9.43	ppb
Thallium	205-1	0.17	0.17	0.15	0.16	5.85	ppb
Tin	118-1	0.02	0.02	0.00	0.01	65.86	ppb
Titanium	47-1	-0.01	0.16	0.00	0.05	193.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.03	0.01	141.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	0.08	0.16	0.10	0.11	34.37	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:48:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	29.58	ppb
Zirconium	91-1	0.03	0.00	0.00	0.01	144.22	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.89	13.25	20.63	16.26	23.85	ppb
Antimony	121-1	1.90	1.86	1.82	1.86	2.06	ppb
Arsenic	75-2	0.90	0.77	0.80	0.83	8.23	ppb
Barium	135-1	10.37	10.16	8.94	9.83	7.85	ppb
Barium	137-1	9.34	9.49	9.57	9.46	1.23	ppb
Beryllium	9-1	1.04	0.97	0.99	1.00	3.90	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	26.21	25.60	27.42	26.41	3.52	ppb
Boron	11-1	24.93	26.95	28.04	26.64	5.92	ppb
Cadmium	111-1	0.76	0.87	0.91	0.85	8.98	ppb
Cadmium	106-1	-0.74	0.14	1.02	0.14	628.68	ppb
Cadmium	108-1	0.93	1.15	0.92	1.00	12.91	ppb
Calcium	43-1	471.68	459.47	459.04	463.40	1.55	ppb
Calcium	44-1	487.01	484.69	479.05	483.58	0.85	ppb
Chromium	52-2	1.86	1.91	1.99	1.92	3.34	ppb
Cobalt	59-2	0.99	1.08	0.99	1.02	4.93	ppb
Copper	63-2	2.16	2.10	2.18	2.15	2.02	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				106		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	50.64	54.00	52.69	52.44	3.23	ppb
Iron	57-2	53.74	55.80	55.15	54.90	1.92	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.10	1.14	1.12	2.03	ppb
Lead	207-1	1.06	1.00	1.07	1.04	3.59	ppb
Lead	208-1	1.09	1.04	1.08	1.07	2.38	ppb
Lithium	6-1				90		%
Magnesium	24-2	459.58	507.76	505.60	490.98	5.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	1.22	1.11	1.15	5.15	ppb
Molybdenum	94-1	5.12	5.01	4.93	5.02	1.83	ppb
Molybdenum	95-1	4.76	4.84	5.07	4.89	3.22	ppb
Molybdenum	96-1	4.84	4.84	4.71	4.79	1.62	ppb
Molybdenum	97-1	4.51	4.82	5.00	4.78	5.12	ppb
Molybdenum	98-1	4.63	4.86	4.79	4.76	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.07	1.03	1.06	2.68	ppb
Phosphorus	31-2	77.15	37.58	66.04	60.26	33.87	ppb
Potassium	39-2	480.44	503.34	492.52	492.10	2.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	4.38	4.39	0.00	2.92	86.60	ppb
Selenium	78-2	7.97	6.59	5.13	6.56	21.68	ppb
Selenium	82-1	3.27	4.54	6.11	4.64	30.58	ppb
Silicon	28-1	-9.31	-8.33	-9.93	-9.19		ppb
Silver	109-1	0.83	0.97	0.93	0.91	8.19	ppb
Silver	107-1	0.88	0.93	0.92	0.91	2.68	ppb
Sodium	23-2	576.85	588.58	590.33	585.26	1.25	ppb
Strontium	86-1	0.81	0.95	0.64	0.80	19.92	ppb
Strontium	88-1	0.99	0.96	0.96	0.97	1.90	ppb
Sulfur	34-1	-1946.76	-1282.36	-1611.66	-1613.59		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	1.12	1.00	1.02	1.05	6.35	ppb
Thallium	205-1	1.04	1.02	1.01	1.03	1.65	ppb
Tin	118-1	4.54	4.56	4.63	4.58	0.97	ppb
Titanium	47-1	4.84	4.84	4.47	4.72	4.51	ppb
Uranium	238-1	0.81	0.87	0.85	0.84	3.57	ppb
Vanadium	51-2	4.81	4.89	5.11	4.94	3.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	1.47	2.05	2.85	2.12	32.65	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.88	0.92	0.94	0.91	2.96	ppb
Zirconium	91-1	0.97	0.88	1.04	0.96	8.71	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116239BL Instrumnet Name : P8
 Client Sample ID : PB116239BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:55:29 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	1.74	1.63	1.20	70.08	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	33.58	ppb
Arsenic	75-2	-0.02	-0.05	-0.02	-0.03		ppb
Barium	135-1	0.03	-0.03	-0.03	-0.01		ppb
Barium	137-1	0.02	-0.02	0.00	0.00	4806.51	ppb
Beryllium	9-1	-0.03	-0.01	0.03	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	1.52	1.75	1.92	1.73	11.62	ppb
Boron	11-1	2.46	1.70	2.03	2.06	18.38	ppb
Cadmium	111-1	-0.05	0.06	0.07	0.03	256.96	ppb
Cadmium	106-1	-0.78	0.84	0.66	0.24	367.14	ppb
Cadmium	108-1	-0.15	-0.15	-0.22	-0.17		ppb
Calcium	43-1	0.69	-8.28	-7.69	-5.10		ppb
Calcium	44-1	9.86	11.84	12.09	11.26	10.87	ppb
Chromium	52-2	0.22	0.19	0.25	0.22	15.01	ppb
Cobalt	59-2	-0.01	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.03	0.04	0.03	0.03	16.45	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				106		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	0.49	0.32	0.46	0.43	21.88	ppb
Iron	57-2	0.93	5.29	1.82	2.68	85.94	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.14	0.17	0.13	27.53	ppb
Lead	207-1	0.18	0.14	0.10	0.14	30.96	ppb
Lead	208-1	0.14	0.12	0.12	0.12	9.25	ppb
Lithium	6-1				90		%
Magnesium	24-2	5.21	2.23	5.30	4.25	41.09	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BL	Instrumnet Name :	P8
Client Sample ID :	PB116239BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:55:29	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.01	0.19	0.09	105.35	ppb
Molybdenum	94-1	-0.01	0.01	0.03	0.01	210.44	ppb
Molybdenum	95-1	0.01	0.04	0.04	0.03	46.87	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	70.89	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	25.74	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	30.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.07	0.06	32.69	ppb
Phosphorus	31-2	-34.50	-5.45	22.87	-5.69		ppb
Potassium	39-2	20.83	21.00	22.92	21.58	5.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	0.00	8.74	0.00	2.91	173.21	ppb
Selenium	78-2	-0.42	1.67	0.27	0.50	211.20	ppb
Selenium	82-1	-0.95	0.49	1.14	0.23	466.30	ppb
Silicon	28-1	-17.57	-18.75	-17.22	-17.85		ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.87	ppb
Silver	107-1	0.02	0.01	0.01	0.01	26.02	ppb
Sodium	23-2	82.31	91.11	73.09	82.17	10.96	ppb
Strontium	86-1	-0.12	-0.07	-0.13	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1446.12	-1388.53	-970.66	-1268.44		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.11	0.10	0.11	4.82	ppb
Thallium	205-1	0.12	0.11	0.15	0.12	14.95	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.02		ppb
Titanium	47-1	-0.01	0.09	0.06	0.05	103.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	-0.02	-0.09	0.08	-0.01		ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BL	Instrumnet Name :	P8
Client Sample ID :	PB116239BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:55:29	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	57.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BS	Instrumnet Name :	P8
Client Sample ID :	PB116239BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:58:58	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9697.99	9580.39	9501.63	9593.34	1.03	ppb
Antimony	121-1	493.93	507.72	496.11	499.25	1.48	ppb
Arsenic	75-2	513.19	511.54	508.57	511.10	0.46	ppb
Barium	135-1	2482.28	2540.42	2504.86	2509.19	1.17	ppb
Barium	137-1	2449.53	2550.74	2482.26	2494.18	2.07	ppb
Beryllium	9-1	546.50	538.91	544.97	543.46	0.74	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	520.32	526.53	552.57	533.14	3.21	ppb
Boron	11-1	528.73	531.31	546.00	535.34	1.74	ppb
Cadmium	111-1	488.21	498.63	490.16	492.33	1.12	ppb
Cadmium	106-1	496.05	485.33	483.46	488.28	1.39	ppb
Cadmium	108-1	498.49	504.13	497.36	499.99	0.73	ppb
Calcium	43-1	49424.24	49004.96	49122.39	49183.86	0.44	ppb
Calcium	44-1	49030.46	48936.94	49176.68	49048.03	0.25	ppb
Chromium	52-2	526.97	518.95	521.19	522.37	0.79	ppb
Cobalt	59-2	526.78	522.08	521.77	523.54	0.54	ppb
Copper	63-2	1048.07	1034.58	1034.01	1038.88	0.77	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				112		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	26008.27	25572.36	25562.03	25714.22	0.99	ppb
Iron	57-2	25833.93	25403.59	25595.82	25611.11	0.84	ppb
Krypton	83-1						cps
Lead	206-1	501.04	504.06	499.24	501.44	0.49	ppb
Lead	207-1	500.98	505.20	499.83	502.00	0.56	ppb
Lead	208-1	505.06	505.14	501.96	504.06	0.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	55141.56	54322.16	54295.87	54586.53	0.88	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BS	Instrumnet Name :	P8
Client Sample ID :	PB116239BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:58:58	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1031.04	1008.03	1019.45	1019.50	1.13	ppb
Molybdenum	94-1	2482.60	2515.69	2470.08	2489.46	0.95	ppb
Molybdenum	95-1	2473.70	2516.24	2489.67	2493.20	0.86	ppb
Molybdenum	96-1	2471.47	2501.07	2495.21	2489.25	0.63	ppb
Molybdenum	97-1	2492.82	2553.34	2499.94	2515.37	1.32	ppb
Molybdenum	98-1	2463.31	2522.34	2490.81	2492.15	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.92	524.89	524.29	525.70	0.37	ppb
Phosphorus	31-2	10233.77	10416.53	9816.02	10155.44	3.03	ppb
Potassium	39-2	24179.74	24265.15	24188.35	24211.08	0.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	480.38	540.88	454.25	491.84	9.04	ppb
Selenium	78-2	501.19	509.59	495.76	502.18	1.39	ppb
Selenium	82-1	500.93	505.48	499.61	502.01	0.61	ppb
Silicon	28-1	519.71	513.60	532.62	521.97	1.86	ppb
Silver	109-1	495.10	503.01	498.39	498.83	0.80	ppb
Silver	107-1	497.53	497.51	498.28	497.77	0.09	ppb
Sodium	23-2	51366.10	50864.74	51339.97	51190.27	0.55	ppb
Strontium	86-1	494.25	504.91	501.12	500.09	1.08	ppb
Strontium	88-1	499.61	513.03	506.67	506.44	1.33	ppb
Sulfur	34-1	9643.58	9093.62	8983.24	9240.15	3.83	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	493.75	495.25	489.47	492.82	0.61	ppb
Thallium	205-1	504.63	514.61	513.38	510.87	1.07	ppb
Tin	118-1	474.94	486.57	480.91	480.81	1.21	ppb
Titanium	47-1	2527.60	2538.42	2580.33	2548.79	1.09	ppb
Uranium	238-1	504.05	504.11	500.29	502.82	0.44	ppb
Vanadium	51-2	520.73	512.64	512.16	515.18	0.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	1054.85	1044.96	1032.33	1044.04	1.08	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BS	Instrumnet Name :	P8
Client Sample ID :	PB116239BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:58:58	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.84	498.61	501.23	498.89	0.44	ppb
Zirconium	91-1	482.14	489.55	484.64	485.44	0.78	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31603.15	32193.86	31966.40	31921.14	0.93	ppb
Antimony	121-1	0.99	0.91	0.96	0.95	4.17	ppb
Arsenic	75-2	47.24	46.55	47.85	47.21	1.38	ppb
Barium	135-1	245.78	247.57	251.58	248.31	1.20	ppb
Barium	137-1	245.91	248.23	251.77	248.64	1.19	ppb
Beryllium	9-1	2.77	3.02	2.70	2.83	5.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	39.59	40.96	39.03	39.86	2.49	ppb
Boron	11-1	40.73	39.36	40.35	40.15	1.76	ppb
Cadmium	111-1	2.89	3.04	2.86	2.93	3.33	ppb
Cadmium	106-1	6.13	9.25	7.83	7.74	20.20	ppb
Cadmium	108-1	4.19	4.69	5.48	4.79	13.52	ppb
Calcium	43-1	223510.52	225697.14	231187.26	226798.31	1.74	ppb
Calcium	44-1	222603.67	225587.54	231852.66	226681.29	2.08	ppb
Chromium	52-2	180.91	188.84	186.24	185.33	2.18	ppb
Cobalt	59-2	57.50	57.97	59.24	58.24	1.54	ppb
Copper	63-2	309.49	309.18	313.58	310.75	0.79	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				106		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				88		%
Iron	56-2	103422.70	104470.54	105770.19	104554.48	1.12	ppb
Iron	57-2	104211.26	106135.98	107064.40	105803.88	1.38	ppb
Krypton	83-1						cps
Lead	206-1	560.40	557.24	569.93	562.52	1.17	ppb
Lead	207-1	519.03	518.22	527.01	521.42	0.93	ppb
Lead	208-1	539.17	533.77	548.33	540.43	1.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	100943.72	104465.39	104551.07	103320.06	1.99	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.91	1048.74	1050.27	1042.31	1.20	ppb
Molybdenum	94-1	40.20	40.95	41.49	40.88	1.58	ppb
Molybdenum	95-1	3.94	3.81	4.04	3.93	2.87	ppb
Molybdenum	96-1	8.69	8.73	8.79	8.74	0.56	ppb
Molybdenum	97-1	3.77	3.87	4.01	3.88	3.15	ppb
Molybdenum	98-1	3.98	3.86	4.02	3.95	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	406.82	413.25	413.34	411.14	0.91	ppb
Phosphorus	31-2	2130.58	2574.53	2543.37	2416.16	10.26	ppb
Potassium	39-2	4585.39	4589.87	4564.12	4579.79	0.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	91.08	109.98	110.19	103.75	10.58	ppb
Selenium	78-2	14.73	9.26	16.56	13.52	28.08	ppb
Selenium	82-1	2.83	2.20	2.57	2.53	12.57	ppb
Silicon	28-1	871.95	853.71	873.12	866.26	1.26	ppb
Silver	109-1	0.65	0.72	0.74	0.70	6.67	ppb
Silver	107-1	0.80	0.74	0.86	0.80	7.33	ppb
Sodium	23-2	1815.48	1860.77	1877.57	1851.28	1.73	ppb
Strontium	86-1	298.22	301.29	307.11	302.21	1.49	ppb
Strontium	88-1	302.99	307.43	312.85	307.76	1.61	ppb
Sulfur	34-1	22.82	349.74	409.88	260.81	79.86	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.63	0.62	0.52	0.59	10.12	ppb
Thallium	205-1	0.54	0.51	0.55	0.53	4.52	ppb
Tin	118-1	5.67	5.92	5.86	5.82	2.23	ppb
Titanium	47-1	791.62	805.94	822.45	806.67	1.91	ppb
Uranium	238-1	3.47	3.34	3.32	3.37	2.40	ppb
Vanadium	51-2	153.16	156.06	158.32	155.85	1.66	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	1061.20	1083.86	1080.62	1075.22	1.14	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.31	25.67	25.93	25.63	1.22	ppb
Zirconium	91-1	25.79	25.58	25.62	25.66	0.44	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:05:42 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32728.19	31671.27	32448.62	32282.69	1.70	ppb
Antimony	121-1	0.77	0.70	0.77	0.75	5.41	ppb
Arsenic	75-2	46.80	47.58	48.97	47.78	2.29	ppb
Barium	135-1	253.67	256.52	249.80	253.33	1.33	ppb
Barium	137-1	254.84	256.38	250.94	254.05	1.10	ppb
Beryllium	9-1	3.07	3.12	2.87	3.02	4.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	34.44	34.60	39.36	36.13	7.74	ppb
Boron	11-1	37.30	37.23	36.74	37.09	0.82	ppb
Cadmium	111-1	2.93	3.04	2.70	2.89	6.07	ppb
Cadmium	106-1	7.18	8.81	4.15	6.71	35.20	ppb
Cadmium	108-1	4.20	5.07	4.47	4.58	9.72	ppb
Calcium	43-1	225832.28	226721.97	225354.78	225969.68	0.31	ppb
Calcium	44-1	223423.38	225751.88	225130.74	224768.67	0.54	ppb
Chromium	52-2	189.62	186.95	188.80	188.46	0.73	ppb
Cobalt	59-2	60.83	58.43	59.86	59.71	2.02	ppb
Copper	63-2	311.76	303.84	309.96	308.52	1.34	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				101		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	107996.35	104644.08	106892.13	106510.85	1.60	ppb
Iron	57-2	107858.10	105118.20	108338.00	107104.76	1.62	ppb
Krypton	83-1						cps
Lead	206-1	570.33	573.38	580.52	574.74	0.91	ppb
Lead	207-1	529.21	532.42	537.38	533.00	0.77	ppb
Lead	208-1	545.75	553.59	559.51	552.95	1.25	ppb
Lithium	6-1				81		%
Magnesium	24-2	104263.31	101089.45	103357.63	102903.46	1.59	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:05:42 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1053.71	1045.56	1068.63	1055.96	1.11	ppb
Molybdenum	94-1	41.94	40.88	41.59	41.47	1.30	ppb
Molybdenum	95-1	4.00	3.93	3.88	3.94	1.59	ppb
Molybdenum	96-1	8.75	8.38	8.17	8.44	3.47	ppb
Molybdenum	97-1	3.77	3.83	4.16	3.92	5.34	ppb
Molybdenum	98-1	3.86	3.96	3.73	3.85	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	427.08	416.64	424.91	422.87	1.30	ppb
Phosphorus	31-2	2232.55	2241.88	1938.71	2137.71	8.07	ppb
Potassium	39-2	4593.74	4561.11	4630.78	4595.21	0.76	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	115.90	100.62	109.13	108.55	7.05	ppb
Selenium	78-2	19.93	10.70	17.62	16.08	29.88	ppb
Selenium	82-1	2.66	2.57	0.20	1.81	76.99	ppb
Silicon	28-1	1153.84	1191.25	1170.29	1171.80	1.60	ppb
Silver	109-1	0.74	0.74	0.83	0.77	6.80	ppb
Silver	107-1	0.81	0.80	0.80	0.80	1.28	ppb
Sodium	23-2	1455.46	1415.16	1443.76	1438.12	1.44	ppb
Strontium	86-1	307.20	302.23	305.79	305.07	0.84	ppb
Strontium	88-1	311.52	310.22	309.82	310.52	0.29	ppb
Sulfur	34-1	1075.01	1335.19	1122.69	1177.63	11.76	ppb
Terbium	159-1				102		%
Terbium	159-2				92		%
Thallium	203-1	0.49	0.51	0.50	0.50	2.40	ppb
Thallium	205-1	0.56	0.54	0.49	0.53	7.06	ppb
Tin	118-1	5.95	6.22	5.85	6.01	3.18	ppb
Titanium	47-1	828.85	840.32	834.16	834.44	0.69	ppb
Uranium	238-1	3.35	3.44	3.40	3.40	1.26	ppb
Vanadium	51-2	158.47	156.65	157.01	157.38	0.61	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	1071.13	1052.50	1069.96	1064.53	0.98	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:05:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	26.07	25.80	25.95	25.94	0.53	ppb
Zirconium	91-1	25.68	26.19	25.42	25.76	1.52	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6604.33	6374.66	6594.86	6524.62	1.99	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.42	ppb
Arsenic	75-2	11.07	10.67	10.37	10.70	3.28	ppb
Barium	135-1	50.79	50.53	49.73	50.35	1.10	ppb
Barium	137-1	49.90	51.93	52.30	51.38	2.52	ppb
Beryllium	9-1	0.62	0.65	0.68	0.65	4.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	9.00	9.10	6.89	8.33	15.01	ppb
Boron	11-1	8.68	11.34	10.03	10.02	13.27	ppb
Cadmium	111-1	0.64	0.66	0.78	0.69	10.73	ppb
Cadmium	106-1	0.36	1.76	2.49	1.53	70.55	ppb
Cadmium	108-1	0.62	0.55	1.42	0.86	55.50	ppb
Calcium	43-1	47306.80	46982.46	46747.72	47012.33	0.60	ppb
Calcium	44-1	47461.27	47477.38	46247.76	47062.14	1.50	ppb
Chromium	52-2	38.46	38.24	39.18	38.63	1.27	ppb
Cobalt	59-2	11.90	11.85	12.17	11.97	1.47	ppb
Copper	63-2	63.25	63.24	66.32	64.27	2.76	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				102		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	21570.90	21413.87	21958.42	21647.73	1.29	ppb
Iron	57-2	21492.96	21245.45	21905.73	21548.05	1.55	ppb
Krypton	83-1						cps
Lead	206-1	112.95	113.38	111.19	112.50	1.03	ppb
Lead	207-1	104.17	104.53	102.91	103.87	0.82	ppb
Lead	208-1	106.49	106.42	105.44	106.12	0.56	ppb
Lithium	6-1				80		%
Magnesium	24-2	20758.37	20603.90	20787.79	20716.69	0.48	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.17	209.78	219.17	214.71	2.20	ppb
Molybdenum	94-1	9.14	8.66	9.80	9.20	6.23	ppb
Molybdenum	95-1	0.89	0.94	0.83	0.89	6.52	ppb
Molybdenum	96-1	1.78	1.86	1.99	1.88	5.55	ppb
Molybdenum	97-1	0.88	0.72	0.87	0.83	10.85	ppb
Molybdenum	98-1	0.93	0.81	0.90	0.88	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.62	87.43	86.56	86.54	1.04	ppb
Phosphorus	31-2	480.80	404.21	503.18	462.73	11.22	ppb
Potassium	39-2	943.28	936.63	944.68	941.53	0.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	34.35	21.30	30.14	28.60	23.28	ppb
Selenium	78-2	5.06	7.06	4.39	5.50	25.24	ppb
Selenium	82-1	-0.85	-0.99	-0.17	-0.67		ppb
Silicon	28-1	227.19	223.01	226.22	225.47	0.97	ppb
Silver	109-1	0.13	0.13	0.19	0.15	22.37	ppb
Silver	107-1	0.14	0.17	0.15	0.15	9.88	ppb
Sodium	23-2	405.67	376.53	404.29	395.50	4.16	ppb
Strontium	86-1	69.69	66.66	68.41	68.25	2.23	ppb
Strontium	88-1	68.90	67.40	69.03	68.44	1.32	ppb
Sulfur	34-1	300.25	-250.59	-465.88	-138.74		ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.12	0.16	0.14	14.97	ppb
Thallium	205-1	0.13	0.13	0.10	0.12	14.14	ppb
Tin	118-1	1.10	1.25	1.16	1.17	6.49	ppb
Titanium	47-1	172.10	169.99	169.09	170.39	0.90	ppb
Uranium	238-1	0.72	0.63	0.64	0.66	7.90	ppb
Vanadium	51-2	31.38	31.54	32.32	31.75	1.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	227.60	222.86	229.48	226.64	1.50	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.69	5.71	5.78	5.73	0.84	ppb
Zirconium	91-1	5.78	5.53	5.58	5.63	2.31	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51929.78	51185.82	51820.21	51645.27	0.78	ppb
Antimony	121-1	172.99	167.84	165.60	168.81	2.24	ppb
Arsenic	75-2	446.89	457.01	448.09	450.66	1.23	ppb
Barium	135-1	2937.37	2862.12	2888.44	2895.97	1.32	ppb
Barium	137-1	2928.64	2838.86	2827.47	2864.99	1.93	ppb
Beryllium	9-1	540.24	549.41	545.65	545.10	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	558.64	573.44	566.33	566.14	1.31	ppb
Boron	11-1	552.91	558.23	573.21	561.45	1.87	ppb
Cadmium	111-1	489.17	477.66	477.56	481.46	1.39	ppb
Cadmium	106-1	494.71	489.21	486.02	489.98	0.90	ppb
Cadmium	108-1	491.36	486.65	490.39	489.47	0.51	ppb
Calcium	43-1	127611.20	125220.24	126718.74	126516.73	0.95	ppb
Calcium	44-1	124392.22	123528.69	124325.04	124081.98	0.39	ppb
Chromium	52-2	665.19	668.63	664.12	665.98	0.35	ppb
Cobalt	59-2	551.29	544.06	547.14	547.50	0.66	ppb
Copper	63-2	1391.38	1365.19	1395.19	1383.92	1.18	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				103		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	114760.40	113829.77	113642.26	114077.47	0.52	ppb
Iron	57-2	117225.10	116084.28	115797.43	116368.93	0.65	ppb
Krypton	83-1						cps
Lead	206-1	1454.96	1421.73	1465.04	1447.24	1.57	ppb
Lead	207-1	1385.26	1366.81	1378.97	1377.01	0.68	ppb
Lead	208-1	1406.21	1385.84	1400.15	1397.40	0.75	ppb
Lithium	6-1				86		%
Magnesium	24-2	90908.38	91232.73	90770.07	90970.39	0.26	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1992.12	1964.23	1980.54	1978.96	0.71	ppb
Molybdenum	94-1	2080.00	2090.21	2063.81	2078.00	0.64	ppb
Molybdenum	95-1	2003.52	2043.77	2000.05	2015.78	1.21	ppb
Molybdenum	96-1	1987.35	2025.38	2010.68	2007.80	0.96	ppb
Molybdenum	97-1	1979.37	2036.15	1979.34	1998.29	1.64	ppb
Molybdenum	98-1	1969.75	2042.86	1981.49	1998.04	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	904.46	899.68	905.56	903.23	0.35	ppb
Phosphorus	31-2	2033.39	1803.28	1996.45	1944.37	6.36	ppb
Potassium	39-2	29172.10	28647.83	28952.46	28924.13	0.91	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	438.54	553.25	509.28	500.36	11.57	ppb
Selenium	78-2	444.06	392.12	400.66	412.28	6.76	ppb
Selenium	82-1	392.46	398.77	391.84	394.36	0.97	ppb
Silicon	28-1	3247.72	3206.27	3261.20	3238.39	0.88	ppb
Silver	109-1	486.03	470.59	471.76	476.12	1.81	ppb
Silver	107-1	481.34	465.96	473.96	473.75	1.62	ppb
Sodium	23-2	49499.14	49765.89	49826.53	49697.19	0.35	ppb
Strontium	86-1	694.02	703.81	695.28	697.70	0.76	ppb
Strontium	88-1	693.86	709.51	699.30	700.89	1.13	ppb
Sulfur	34-1	1903.14	1177.13	871.46	1317.24	40.23	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	497.55	488.70	492.14	492.80	0.91	ppb
Thallium	205-1	517.16	507.40	511.45	512.00	0.96	ppb
Tin	118-1	351.66	347.34	343.36	347.45	1.20	ppb
Titanium	47-1	3714.57	3695.07	3680.46	3696.70	0.46	ppb
Uranium	238-1	508.77	500.88	502.45	504.03	0.83	ppb
Vanadium	51-2	643.37	640.22	643.44	642.34	0.29	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	1934.29	1897.41	1927.57	1919.75	1.02	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	453.20	463.14	463.23	459.86	1.25	ppb
Zirconium	91-1	445.68	452.39	445.87	447.98	0.85	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:15:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49668.74	48844.37	49016.63	49176.58	0.88	ppb
Antimony	121-1	158.60	157.60	157.37	157.86	0.41	ppb
Arsenic	75-2	431.71	435.45	444.16	437.11	1.46	ppb
Barium	135-1	2760.49	2735.62	2721.06	2739.06	0.73	ppb
Barium	137-1	2737.64	2720.49	2707.12	2721.75	0.56	ppb
Beryllium	9-1	526.00	531.02	522.71	526.58	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	555.46	540.86	554.16	550.16	1.47	ppb
Boron	11-1	540.13	547.53	553.73	547.13	1.25	ppb
Cadmium	111-1	472.19	473.75	474.25	473.40	0.23	ppb
Cadmium	106-1	489.23	474.36	481.68	481.76	1.54	ppb
Cadmium	108-1	467.66	472.42	484.75	474.94	1.86	ppb
Calcium	43-1	175968.21	176661.87	175089.53	175906.54	0.45	ppb
Calcium	44-1	173602.32	176996.57	172540.28	174379.73	1.33	ppb
Chromium	52-2	658.46	651.84	654.46	654.92	0.51	ppb
Cobalt	59-2	535.49	531.86	527.23	531.52	0.78	ppb
Copper	63-2	1312.26	1309.72	1318.10	1313.36	0.33	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				106		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				88		%
Iron	56-2	118879.81	118667.42	116670.61	118072.61	1.03	ppb
Iron	57-2	119923.36	118292.79	118571.07	118929.07	0.73	ppb
Krypton	83-1						cps
Lead	206-1	1156.56	1159.76	1145.44	1153.92	0.65	ppb
Lead	207-1	1064.05	1061.95	1050.30	1058.77	0.70	ppb
Lead	208-1	1105.97	1098.57	1091.26	1098.60	0.67	ppb
Lithium	6-1				88		%
Magnesium	24-2	119143.98	118457.92	117800.59	118467.50	0.57	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:15:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1983.66	1975.51	1959.42	1972.86	0.63	ppb
Molybdenum	94-1	2085.84	2101.99	2079.45	2089.09	0.56	ppb
Molybdenum	95-1	1994.29	2020.23	2002.92	2005.81	0.66	ppb
Molybdenum	96-1	1986.70	2028.39	1998.44	2004.51	1.07	ppb
Molybdenum	97-1	2035.07	2022.29	1973.41	2010.26	1.62	ppb
Molybdenum	98-1	2004.16	1997.62	1985.91	1995.89	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	902.79	908.52	902.84	904.72	0.36	ppb
Phosphorus	31-2	2384.12	2026.53	2075.01	2161.89	8.97	ppb
Potassium	39-2	27855.88	27648.86	28017.55	27840.77	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	467.04	560.09	504.02	510.39	9.18	ppb
Selenium	78-2	400.10	385.47	416.71	400.76	3.90	ppb
Selenium	82-1	392.33	388.13	385.98	388.81	0.83	ppb
Silicon	28-1	1882.88	1891.08	1870.12	1881.36	0.56	ppb
Silver	109-1	469.51	469.35	471.20	470.02	0.22	ppb
Silver	107-1	468.47	468.22	462.55	466.41	0.72	ppb
Sodium	23-2	48687.36	48255.04	47880.69	48274.37	0.84	ppb
Strontium	86-1	641.16	643.40	642.96	642.51	0.18	ppb
Strontium	88-1	647.38	641.14	642.06	643.52	0.52	ppb
Sulfur	34-1	1247.60	1113.70	429.77	930.36	47.15	ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	480.93	485.69	475.15	480.59	1.10	ppb
Thallium	205-1	492.98	502.58	493.97	496.51	1.06	ppb
Tin	118-1	338.11	338.84	335.80	337.58	0.47	ppb
Titanium	47-1	3398.54	3491.02	3359.01	3416.19	1.98	ppb
Uranium	238-1	504.72	496.37	496.64	499.24	0.95	ppb
Vanadium	51-2	622.31	617.40	620.38	620.03	0.40	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	1895.01	1891.62	1887.87	1891.50	0.19	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:15:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	455.06	453.62	459.24	455.97	0.64	ppb
Zirconium	91-1	442.52	446.42	442.03	443.66	0.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51274.78	50550.56	52434.66	51420.00	1.85	ppb
Antimony	121-1	165.51	165.31	166.77	165.87	0.48	ppb
Arsenic	75-2	452.69	445.21	448.23	448.71	0.84	ppb
Barium	135-1	2824.98	2804.84	2859.17	2829.67	0.97	ppb
Barium	137-1	2829.05	2783.94	2802.35	2805.11	0.81	ppb
Beryllium	9-1	529.98	533.94	524.28	529.40	0.92	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	543.48	554.71	565.80	554.66	2.01	ppb
Boron	11-1	539.22	557.12	556.26	550.86	1.83	ppb
Cadmium	111-1	481.20	477.28	476.60	478.36	0.52	ppb
Cadmium	106-1	492.00	478.72	480.98	483.90	1.47	ppb
Cadmium	108-1	476.10	480.34	490.16	482.20	1.50	ppb
Calcium	43-1	148352.27	149231.63	147221.13	148268.34	0.68	ppb
Calcium	44-1	145554.62	147928.27	146819.09	146767.33	0.81	ppb
Chromium	52-2	665.49	651.74	684.95	667.39	2.50	ppb
Cobalt	59-2	543.50	538.50	554.36	545.45	1.49	ppb
Copper	63-2	1366.18	1341.92	1387.06	1365.05	1.65	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				105		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	116826.52	115593.83	118428.45	116949.60	1.22	ppb
Iron	57-2	118519.10	116877.12	121066.84	118821.02	1.78	ppb
Krypton	83-1						cps
Lead	206-1	1337.71	1314.35	1338.73	1330.26	1.04	ppb
Lead	207-1	1279.60	1207.92	1215.77	1234.43	3.18	ppb
Lead	208-1	1290.33	1258.10	1261.03	1269.82	1.40	ppb
Lithium	6-1				89		%
Magnesium	24-2	104137.59	102238.49	105727.74	104034.61	1.68	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1997.68	1967.66	2029.20	1998.18	1.54	ppb
Molybdenum	94-1	2109.88	2070.88	2126.31	2102.36	1.35	ppb
Molybdenum	95-1	2033.68	2003.48	2051.36	2029.51	1.19	ppb
Molybdenum	96-1	2026.74	1982.53	2046.35	2018.54	1.62	ppb
Molybdenum	97-1	2022.46	2031.81	2051.99	2035.42	0.74	ppb
Molybdenum	98-1	2027.40	1998.41	2039.63	2021.82	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	907.44	904.98	930.32	914.25	1.53	ppb
Phosphorus	31-2	1992.58	1879.61	2362.73	2078.31	12.16	ppb
Potassium	39-2	28661.90	28506.12	29418.25	28862.09	1.69	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	511.85	434.04	450.35	465.41	8.82	ppb
Selenium	78-2	421.64	417.83	412.58	417.35	1.09	ppb
Selenium	82-1	387.26	386.91	401.11	391.76	2.07	ppb
Silicon	28-1	2754.43	2757.35	2783.26	2765.01	0.57	ppb
Silver	109-1	475.61	481.54	475.01	477.39	0.76	ppb
Silver	107-1	477.11	469.11	478.67	474.96	1.08	ppb
Sodium	23-2	49457.65	48867.48	50762.76	49695.96	1.95	ppb
Strontium	86-1	677.42	665.23	670.93	671.19	0.91	ppb
Strontium	88-1	680.95	673.48	674.90	676.44	0.59	ppb
Sulfur	34-1	467.39	455.58	635.07	519.34	19.33	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	487.94	489.42	489.41	488.92	0.17	ppb
Thallium	205-1	513.11	504.20	512.64	509.98	0.98	ppb
Tin	118-1	344.10	343.84	344.33	344.09	0.07	ppb
Titanium	47-1	3532.17	3595.82	3585.67	3571.22	0.96	ppb
Uranium	238-1	508.28	508.61	502.37	506.42	0.69	ppb
Vanadium	51-2	636.71	628.01	654.74	639.82	2.13	ppb
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	1903.86	1909.75	1971.27	1928.29	1.94	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	459.07	455.36	463.42	459.28	0.88	ppb
Zirconium	91-1	452.10	441.96	448.84	447.63	1.16	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6732.38	6522.22	6691.09	6648.56	1.67	ppb
Antimony	121-1	0.17	0.14	0.15	0.16	9.88	ppb
Arsenic	75-2	10.44	10.62	11.43	10.83	4.87	ppb
Barium	135-1	49.21	50.49	50.46	50.06	1.46	ppb
Barium	137-1	50.40	51.42	49.64	50.49	1.77	ppb
Beryllium	9-1	0.65	0.62	0.51	0.59	11.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	12.71	12.53	10.82	12.02	8.70	ppb
Boron	11-1	12.66	13.40	13.84	13.30	4.50	ppb
Cadmium	111-1	0.42	0.70	0.49	0.54	27.08	ppb
Cadmium	106-1	0.34	3.06	0.09	1.16	141.70	ppb
Cadmium	108-1	0.66	1.64	1.02	1.11	44.65	ppb
Calcium	43-1	47621.76	47862.55	47608.16	47697.49	0.30	ppb
Calcium	44-1	48005.85	47861.25	48220.93	48029.34	0.38	ppb
Chromium	52-2	38.63	37.59	38.50	38.24	1.48	ppb
Cobalt	59-2	12.63	12.02	12.34	12.33	2.46	ppb
Copper	63-2	66.49	65.34	66.78	66.20	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				104		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	22563.70	21661.70	22094.69	22106.70	2.04	ppb
Iron	57-2	22375.49	21506.85	22018.91	21967.08	1.99	ppb
Krypton	83-1						cps
Lead	206-1	112.23	112.98	113.06	112.76	0.40	ppb
Lead	207-1	104.21	105.37	105.90	105.16	0.82	ppb
Lead	208-1	106.50	107.28	107.21	107.00	0.40	ppb
Lithium	6-1				85		%
Magnesium	24-2	21301.09	20696.36	21192.45	21063.30	1.53	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	218.23	215.31	218.21	217.25	0.77	ppb
Molybdenum	94-1	9.27	8.98	9.19	9.15	1.62	ppb
Molybdenum	95-1	0.84	0.95	0.90	0.89	6.22	ppb
Molybdenum	96-1	1.87	2.00	1.94	1.93	3.32	ppb
Molybdenum	97-1	0.90	0.87	1.03	0.93	9.31	ppb
Molybdenum	98-1	0.91	1.03	0.93	0.96	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.97	86.14	88.13	87.41	1.26	ppb
Phosphorus	31-2	450.80	378.60	489.12	439.51	12.77	ppb
Potassium	39-2	1015.64	960.41	989.66	988.57	2.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	47.39	25.92	34.45	35.92	30.09	ppb
Selenium	78-2	6.45	3.71	5.07	5.08	26.97	ppb
Selenium	82-1	0.23	0.90	0.77	0.64	55.76	ppb
Silicon	28-1	192.91	189.16	189.29	190.45	1.12	ppb
Silver	109-1	0.13	0.15	0.16	0.15	10.08	ppb
Silver	107-1	0.14	0.21	0.19	0.18	18.82	ppb
Sodium	23-2	458.42	420.48	435.06	437.99	4.37	ppb
Strontium	86-1	68.46	69.42	68.61	68.83	0.75	ppb
Strontium	88-1	67.78	68.37	68.50	68.22	0.56	ppb
Sulfur	34-1	-911.75	-474.50	-700.01	-695.42		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.13	0.11	0.13	18.92	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	7.70	ppb
Tin	118-1	1.14	1.12	1.24	1.17	5.21	ppb
Titanium	47-1	172.03	172.70	171.27	172.00	0.42	ppb
Uranium	238-1	0.70	0.63	0.69	0.67	5.63	ppb
Vanadium	51-2	33.59	32.52	32.70	32.94	1.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	239.84	222.33	232.36	231.51	3.79	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.76	5.66	5.73	5.72	0.86	ppb
Zirconium	91-1	5.58	5.90	5.70	5.72	2.83	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:32:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50783.74	50974.39	50495.03	50751.05	0.48	ppb
Antimony	121-1	521.54	509.63	517.63	516.27	1.18	ppb
Arsenic	75-2	523.10	524.30	513.77	520.39	1.11	ppb
Barium	135-1	2597.01	2594.32	2593.74	2595.02	0.07	ppb
Barium	137-1	2603.87	2540.02	2583.43	2575.77	1.27	ppb
Beryllium	9-1	577.87	576.50	565.04	573.14	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	575.98	578.25	554.51	569.58	2.30	ppb
Boron	11-1	565.83	565.55	570.39	567.26	0.48	ppb
Cadmium	111-1	502.97	495.93	500.27	499.72	0.71	ppb
Cadmium	106-1	509.71	498.20	506.51	504.81	1.18	ppb
Cadmium	108-1	505.37	499.77	501.95	502.36	0.56	ppb
Calcium	43-1	243076.57	239855.76	239370.66	240767.66	0.84	ppb
Calcium	44-1	240735.65	239905.43	239230.14	239957.07	0.31	ppb
Chromium	52-2	532.79	538.01	531.75	534.18	0.63	ppb
Cobalt	59-2	529.54	534.28	527.82	530.55	0.63	ppb
Copper	63-2	1027.20	1028.43	1018.67	1024.77	0.52	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				106		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	130081.01	129120.35	128463.10	129221.49	0.63	ppb
Iron	57-2	129637.91	129542.10	129554.44	129578.15	0.04	ppb
Krypton	83-1						cps
Lead	206-1	515.15	515.95	517.45	516.18	0.23	ppb
Lead	207-1	520.44	519.74	522.50	520.89	0.28	ppb
Lead	208-1	523.27	523.15	524.53	523.65	0.15	ppb
Lithium	6-1				87		%
Magnesium	24-2	254352.45	258532.90	252558.08	255147.81	1.20	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:32:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1036.56	1039.89	1022.58	1033.01	0.89	ppb
Molybdenum	94-1	2622.85	2553.47	2565.89	2580.74	1.43	ppb
Molybdenum	95-1	2594.80	2552.54	2556.36	2567.90	0.91	ppb
Molybdenum	96-1	2615.60	2557.96	2564.65	2579.40	1.22	ppb
Molybdenum	97-1	2640.81	2601.98	2557.96	2600.25	1.59	ppb
Molybdenum	98-1	2617.44	2554.07	2579.47	2583.66	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.68	539.17	527.62	532.82	1.10	ppb
Phosphorus	31-2	10525.88	10461.21	10585.67	10524.25	0.59	ppb
Potassium	39-2	124952.89	126615.37	123136.28	124901.51	1.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	515.58	464.58	552.37	510.84	8.63	ppb
Selenium	78-2	509.30	505.22	505.01	506.51	0.48	ppb
Selenium	82-1	516.81	499.16	507.56	507.84	1.74	ppb
Silicon	28-1	519.96	528.65	543.95	530.85	2.29	ppb
Silver	109-1	509.66	502.77	510.91	507.78	0.86	ppb
Silver	107-1	506.18	503.76	502.55	504.16	0.37	ppb
Sodium	23-2	252997.78	252542.83	250824.81	252121.81	0.45	ppb
Strontium	86-1	513.62	508.57	507.39	509.86	0.65	ppb
Strontium	88-1	527.30	515.40	514.15	518.95	1.40	ppb
Sulfur	34-1	10646.67	9511.93	9863.10	10007.23	5.81	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	512.38	511.72	510.61	511.57	0.18	ppb
Thallium	205-1	534.10	536.91	537.29	536.10	0.33	ppb
Tin	118-1	500.92	492.99	491.94	495.28	0.99	ppb
Titanium	47-1	2603.75	2570.93	2573.88	2582.85	0.70	ppb
Uranium	238-1	532.57	528.69	532.86	531.38	0.44	ppb
Vanadium	51-2	529.99	532.58	534.86	532.48	0.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1045.87	1042.38	1038.92	1042.39	0.33	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:32:24	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	524.28	512.12	513.02	516.48	1.31	ppb
Zirconium	91-1	511.28	500.81	503.45	505.18	1.08	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:37:53 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.99	-2.81	0.66	-0.05		ppb
Antimony	121-1	0.09	0.16	0.21	0.15	38.05	ppb
Arsenic	75-2	-0.02	0.02	0.06	0.02	180.13	ppb
Barium	135-1	-0.02	-0.02	0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	7.87	ppb
Beryllium	9-1	0.04	0.08	0.09	0.07	35.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	4.09	5.93	5.35	5.12	18.42	ppb
Boron	11-1	5.50	5.44	5.18	5.37	3.17	ppb
Cadmium	111-1	-0.07	-0.06	0.04	-0.03		ppb
Cadmium	106-1	-0.88	-1.17	0.51	-0.52		ppb
Cadmium	108-1	0.05	-0.15	0.06	-0.01		ppb
Calcium	43-1	-4.02	-7.14	-5.69	-5.62		ppb
Calcium	44-1	14.99	17.04	21.31	17.78	18.16	ppb
Chromium	52-2	-0.05	-0.01	0.29	0.08	234.70	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	1964.70	ppb
Copper	63-2	0.08	0.09	0.03	0.06	50.27	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				106		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	0.40	0.60	0.72	0.57	28.80	ppb
Iron	57-2	5.97	5.02	2.29	4.43	43.11	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.16	0.12	30.73	ppb
Lead	207-1	0.07	0.10	0.14	0.10	32.20	ppb
Lead	208-1	0.10	0.09	0.12	0.10	15.91	ppb
Lithium	6-1				91		%
Magnesium	24-2	5.06	2.78	3.50	3.78	30.79	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:37:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.05	0.00	0.04	105.24	ppb
Molybdenum	94-1	0.03	0.08	0.09	0.07	51.74	ppb
Molybdenum	95-1	0.10	0.06	0.08	0.08	24.83	ppb
Molybdenum	96-1	0.02	0.02	0.11	0.05	102.02	ppb
Molybdenum	97-1	0.13	0.13	0.12	0.13	3.47	ppb
Molybdenum	98-1	0.10	0.07	0.09	0.08	15.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	-0.02	0.05	121.52	ppb
Phosphorus	31-2	-20.13	-6.02	-34.50	-20.22		ppb
Potassium	39-2	24.71	39.13	57.93	40.59	41.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	0.27	0.27	0.04	1026.38	ppb
Selenium	82-1	-1.27	-0.14	-1.00	-0.80		ppb
Silicon	28-1	-19.66	-19.80	-18.44	-19.30		ppb
Silver	109-1	0.01	0.03	0.02	0.02	32.22	ppb
Silver	107-1	0.01	0.01	0.00	0.01	72.90	ppb
Sodium	23-2	117.51	115.02	117.19	116.57	1.16	ppb
Strontium	86-1	-0.05	-0.09	-0.18	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	42.01	ppb
Sulfur	34-1	-861.40	-818.93	-344.31	-674.88		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.04	0.03	0.05	44.39	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.03	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.02	-0.01	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	135.29	ppb
Vanadium	51-2	-0.02	0.02	0.04	0.01	218.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	0.08	0.05	-0.02	0.04	128.22	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:37:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.01	38.26	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	53.71	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:41:21 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6581.09	6795.44	6863.02	6746.52	2.18	ppb
Antimony	121-1	0.22	0.21	0.19	0.21	9.13	ppb
Arsenic	75-2	10.98	11.14	11.29	11.14	1.42	ppb
Barium	135-1	49.54	52.91	49.72	50.72	3.74	ppb
Barium	137-1	50.20	50.47	50.12	50.26	0.36	ppb
Beryllium	9-1	0.58	0.62	0.46	0.55	15.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	12.70	10.62	11.71	11.68	8.90	ppb
Boron	11-1	9.91	11.05	10.14	10.37	5.85	ppb
Cadmium	111-1	0.65	0.61	0.45	0.57	18.83	ppb
Cadmium	106-1	1.95	1.14	0.93	1.34	40.41	ppb
Cadmium	108-1	0.74	0.96	0.87	0.86	12.98	ppb
Calcium	43-1	46506.92	47102.88	46146.96	46585.59	1.04	ppb
Calcium	44-1	46945.69	46877.62	46911.30	46911.54	0.07	ppb
Chromium	52-2	38.79	39.78	39.90	39.49	1.54	ppb
Cobalt	59-2	12.26	12.66	12.82	12.58	2.28	ppb
Copper	63-2	64.96	64.99	66.63	65.53	1.46	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				105		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	22180.50	22403.67	22780.64	22454.94	1.35	ppb
Iron	57-2	22235.31	21959.95	22343.62	22179.63	0.89	ppb
Krypton	83-1						cps
Lead	206-1	115.00	114.44	114.01	114.48	0.43	ppb
Lead	207-1	106.05	106.69	104.95	105.90	0.83	ppb
Lead	208-1	107.31	108.21	107.37	107.63	0.47	ppb
Lithium	6-1				87		%
Magnesium	24-2	20890.46	21406.66	21506.25	21267.79	1.55	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:41:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	218.53	221.52	226.76	222.27	1.87	ppb
Molybdenum	94-1	9.06	9.37	9.14	9.19	1.78	ppb
Molybdenum	95-1	0.84	0.97	0.83	0.88	9.02	ppb
Molybdenum	96-1	1.88	1.79	1.95	1.87	4.28	ppb
Molybdenum	97-1	0.97	1.05	1.04	1.02	4.44	ppb
Molybdenum	98-1	0.90	0.94	0.90	0.91	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.23	89.52	90.48	89.08	1.88	ppb
Phosphorus	31-2	522.09	542.09	439.25	501.14	10.88	ppb
Potassium	39-2	959.37	993.65	999.97	984.33	2.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	12.90	25.83	39.29	26.01	50.74	ppb
Selenium	78-2	5.07	3.01	4.45	4.18	25.24	ppb
Selenium	82-1	0.02	0.37	-0.26	0.04	751.99	ppb
Silicon	28-1	272.27	272.99	268.28	271.18	0.94	ppb
Silver	109-1	0.16	0.17	0.17	0.17	1.96	ppb
Silver	107-1	0.13	0.14	0.21	0.16	26.53	ppb
Sodium	23-2	384.93	391.69	391.51	389.38	0.99	ppb
Strontium	86-1	68.93	67.75	68.87	68.52	0.97	ppb
Strontium	88-1	67.35	68.71	68.22	68.09	1.01	ppb
Sulfur	34-1	-103.31	12.30	-510.35	-200.45		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	0.15	0.15	0.05	0.12	46.91	ppb
Thallium	205-1	0.11	0.13	0.08	0.11	21.83	ppb
Tin	118-1	1.02	1.14	1.12	1.09	5.72	ppb
Titanium	47-1	171.67	174.16	171.73	172.52	0.82	ppb
Uranium	238-1	0.62	0.60	0.60	0.61	2.00	ppb
Vanadium	51-2	31.91	32.23	33.05	32.40	1.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	225.23	226.65	234.92	228.94	2.29	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:41:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.66	5.70	5.96	5.77	2.77	ppb
Zirconium	91-1	5.81	5.68	5.88	5.79	1.71	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ALDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 15:44:48	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1288.43	1259.30	1357.14	1301.62	3.86	ppb
Antimony	121-1	0.03	0.05	0.06	0.05	25.95	ppb
Arsenic	75-2	2.07	2.23	2.22	2.17	4.12	ppb
Barium	135-1	9.98	9.96	9.78	9.91	1.16	ppb
Barium	137-1	10.00	9.96	9.96	9.98	0.23	ppb
Beryllium	9-1	0.24	0.12	0.16	0.17	36.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	4.19	4.66	4.18	4.34	6.37	ppb
Boron	11-1	4.72	4.46	4.51	4.56	3.08	ppb
Cadmium	111-1	0.13	0.03	0.06	0.07	72.75	ppb
Cadmium	106-1	0.11	-1.14	-0.33	-0.45		ppb
Cadmium	108-1	-0.22	-0.08	0.20	-0.03		ppb
Calcium	43-1	9308.22	9323.08	9453.35	9361.55	0.85	ppb
Calcium	44-1	9782.03	9835.89	9749.85	9789.26	0.44	ppb
Chromium	52-2	7.55	7.50	8.02	7.69	3.70	ppb
Cobalt	59-2	2.51	2.40	2.56	2.49	3.16	ppb
Copper	63-2	13.09	13.00	13.30	13.13	1.18	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				104		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	4526.42	4397.50	4630.06	4517.99	2.58	ppb
Iron	57-2	4383.26	4367.54	4473.10	4407.97	1.29	ppb
Krypton	83-1						cps
Lead	206-1	22.35	22.34	22.26	22.32	0.22	ppb
Lead	207-1	21.16	21.31	20.90	21.12	0.97	ppb
Lead	208-1	21.37	21.59	21.23	21.40	0.86	ppb
Lithium	6-1				86		%
Magnesium	24-2	4254.06	4250.22	4267.69	4257.32	0.22	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02LDLX25 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ALDL Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 15:44:48 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	42.75	43.88	44.82	43.82	2.37	ppb
Molybdenum	94-1	1.82	1.88	1.70	1.80	4.90	ppb
Molybdenum	95-1	0.16	0.17	0.15	0.16	7.24	ppb
Molybdenum	96-1	0.31	0.34	0.42	0.36	14.92	ppb
Molybdenum	97-1	0.18	0.08	0.26	0.17	51.83	ppb
Molybdenum	98-1	0.15	0.17	0.16	0.16	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.56	17.70	17.58	17.61	0.43	ppb
Phosphorus	31-2	65.72	51.21	68.25	61.73	14.90	ppb
Potassium	39-2	181.60	231.23	251.33	221.38	16.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	8.72	0.00	8.80	5.84	86.60	ppb
Selenium	78-2	-0.42	1.69	0.98	0.75	143.90	ppb
Selenium	82-1	0.03	-0.93	-0.85	-0.58		ppb
Silicon	28-1	17.89	20.47	20.18	19.51	7.23	ppb
Silver	109-1	0.04	0.02	0.03	0.03	23.34	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.07	ppb
Sodium	23-2	162.05	153.17	179.61	164.94	8.16	ppb
Strontium	86-1	13.72	14.46	14.23	14.14	2.69	ppb
Strontium	88-1	13.96	14.08	13.88	13.97	0.72	ppb
Sulfur	34-1	-791.30	-409.74	-524.55	-575.20		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.02	0.02	0.03	71.80	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.65	ppb
Tin	118-1	0.20	0.13	0.20	0.18	21.27	ppb
Titanium	47-1	33.24	33.56	32.94	33.25	0.92	ppb
Uranium	238-1	0.14	0.14	0.11	0.13	16.54	ppb
Vanadium	51-2	7.12	6.00	6.64	6.59	8.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	47.42	44.03	46.21	45.89	3.74	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ALDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 15:44:48	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.15	1.16	1.16	1.16	0.43	ppb
Zirconium	91-1	1.13	1.12	1.16	1.14	1.93	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AMSE Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:48:15 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11062.22	11045.46	10638.06	10915.25	2.20	ppb
Antimony	121-1	34.75	34.77	34.53	34.68	0.38	ppb
Arsenic	75-2	107.47	106.28	107.85	107.20	0.76	ppb
Barium	135-1	575.23	571.53	569.56	572.10	0.50	ppb
Barium	137-1	571.60	573.33	570.31	571.74	0.26	ppb
Beryllium	9-1	109.62	110.60	109.69	109.97	0.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	117.79	120.88	119.17	119.28	1.29	ppb
Boron	11-1	111.20	117.81	113.42	114.14	2.95	ppb
Cadmium	111-1	102.34	99.19	100.09	100.54	1.62	ppb
Cadmium	106-1	106.03	102.19	102.34	103.52	2.10	ppb
Cadmium	108-1	103.74	97.67	101.78	101.06	3.06	ppb
Calcium	43-1	26530.18	25774.05	26020.65	26108.30	1.48	ppb
Calcium	44-1	26763.68	26099.35	25860.64	26241.22	1.78	ppb
Chromium	52-2	143.71	141.21	139.26	141.39	1.58	ppb
Cobalt	59-2	118.56	118.75	114.48	117.26	2.05	ppb
Copper	63-2	292.10	292.62	279.11	287.94	2.66	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				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	24721.44	24667.06	23776.82	24388.44	2.17	ppb
Iron	57-2	24507.68	24416.36	23679.00	24201.01	1.88	ppb
Krypton	83-1						cps
Lead	206-1	281.42	284.19	281.37	282.33	0.57	ppb
Lead	207-1	265.77	268.32	265.24	266.45	0.62	ppb
Lead	208-1	269.13	270.33	268.54	269.33	0.34	ppb
Lithium	6-1				87		%
Magnesium	24-2	18967.38	18900.68	18205.58	18691.21	2.26	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AMSC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:48:15 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	431.17	427.95	415.89	425.00	1.90	ppb
Molybdenum	94-1	470.36	467.03	462.87	466.75	0.80	ppb
Molybdenum	95-1	451.79	441.02	448.31	447.04	1.23	ppb
Molybdenum	96-1	449.78	440.98	448.18	446.31	1.05	ppb
Molybdenum	97-1	458.27	450.07	450.68	453.01	1.01	ppb
Molybdenum	98-1	455.10	448.89	450.39	451.46	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	198.52	197.09	191.54	195.72	1.88	ppb
Phosphorus	31-2	513.26	296.42	339.50	383.06	29.97	ppb
Potassium	39-2	6333.30	6247.30	6046.82	6209.14	2.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	166.17	148.92	171.60	162.23	7.30	ppb
Selenium	78-2	93.46	103.52	103.00	99.99	5.66	ppb
Selenium	82-1	95.08	92.51	92.10	93.23	1.73	ppb
Silicon	28-1	701.55	712.66	699.55	704.59	1.00	ppb
Silver	109-1	95.84	94.49	94.42	94.92	0.84	ppb
Silver	107-1	95.94	95.65	94.65	95.41	0.70	ppb
Sodium	23-2	10782.22	10683.25	10322.35	10595.94	2.28	ppb
Strontium	86-1	156.78	159.79	160.15	158.91	1.16	ppb
Strontium	88-1	164.14	163.33	162.83	163.43	0.41	ppb
Sulfur	34-1	366.90	-651.11	-380.58	-221.60		ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	97.49	97.28	96.60	97.12	0.48	ppb
Thallium	205-1	98.23	98.01	97.06	97.77	0.64	ppb
Tin	118-1	70.87	70.27	70.36	70.50	0.46	ppb
Titanium	47-1	774.70	750.05	750.94	758.56	1.84	ppb
Uranium	238-1	93.79	93.93	93.89	93.87	0.07	ppb
Vanadium	51-2	138.15	137.30	132.76	136.07	2.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	428.46	418.68	411.53	419.55	2.03	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:48:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	102.42	101.35	102.48	102.08	0.63	ppb
Zirconium	91-1	101.86	101.87	101.87	101.86	0.01	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:51:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10335.25	10611.28	10545.72	10497.42	1.37	ppb
Antimony	121-1	31.32	31.76	30.50	31.19	2.06	ppb
Arsenic	75-2	97.82	101.43	101.79	100.35	2.19	ppb
Barium	135-1	525.33	525.39	512.67	521.13	1.41	ppb
Barium	137-1	525.12	525.86	515.47	522.15	1.11	ppb
Beryllium	9-1	109.84	107.17	108.64	108.55	1.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	107.93	113.07	107.09	109.36	2.96	ppb
Boron	11-1	112.83	111.52	114.80	113.05	1.46	ppb
Cadmium	111-1	96.04	97.27	94.34	95.88	1.53	ppb
Cadmium	106-1	93.27	98.96	96.73	96.32	2.97	ppb
Cadmium	108-1	98.51	97.27	91.76	95.85	3.75	ppb
Calcium	43-1	36904.27	37557.68	36614.02	37025.32	1.31	ppb
Calcium	44-1	37078.48	37633.67	36472.16	37061.44	1.57	ppb
Chromium	52-2	136.58	141.36	138.35	138.76	1.74	ppb
Cobalt	59-2	112.17	116.07	115.46	114.57	1.83	ppb
Copper	63-2	268.67	278.48	271.67	272.94	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				106		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	25258.45	25867.12	25131.25	25418.94	1.55	ppb
Iron	57-2	24855.55	25395.28	25126.06	25125.63	1.07	ppb
Krypton	83-1						cps
Lead	206-1	212.63	215.59	213.60	213.94	0.70	ppb
Lead	207-1	202.90	201.47	202.28	202.22	0.36	ppb
Lead	208-1	204.95	205.85	204.55	205.12	0.33	ppb
Lithium	6-1				88		%
Magnesium	24-2	25350.42	25997.96	25920.44	25756.28	1.37	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:51:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	415.30	426.97	412.12	418.13	1.87	ppb
Molybdenum	94-1	453.99	453.11	452.84	453.32	0.13	ppb
Molybdenum	95-1	434.84	431.87	433.23	433.31	0.34	ppb
Molybdenum	96-1	435.02	432.48	431.69	433.06	0.40	ppb
Molybdenum	97-1	442.57	441.18	438.48	440.74	0.47	ppb
Molybdenum	98-1	435.64	439.46	439.59	438.23	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	192.67	200.01	197.81	196.83	1.91	ppb
Phosphorus	31-2	664.19	361.38	428.57	484.72	32.81	ppb
Potassium	39-2	5800.14	5900.98	5942.08	5881.06	1.24	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	115.37	127.89	106.96	116.74	9.02	ppb
Selenium	78-2	89.63	92.15	97.95	93.24	4.57	ppb
Selenium	82-1	87.89	87.38	89.08	88.11	0.99	ppb
Silicon	28-1	367.69	387.33	357.69	370.90	4.07	ppb
Silver	109-1	90.81	92.06	90.55	91.14	0.88	ppb
Silver	107-1	91.35	93.49	90.88	91.90	1.51	ppb
Sodium	23-2	10081.88	10342.95	10218.16	10214.33	1.28	ppb
Strontium	86-1	142.26	142.36	141.85	142.15	0.19	ppb
Strontium	88-1	145.66	147.32	144.48	145.82	0.98	ppb
Sulfur	34-1	-780.11	109.78	-485.39	-385.24		ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	94.34	95.37	94.24	94.65	0.66	ppb
Thallium	205-1	94.39	95.51	95.00	94.96	0.59	ppb
Tin	118-1	68.47	67.85	67.79	68.04	0.55	ppb
Titanium	47-1	672.53	687.44	677.13	679.04	1.12	ppb
Uranium	238-1	90.98	91.62	90.84	91.15	0.46	ppb
Vanadium	51-2	127.84	131.25	129.75	129.61	1.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	407.56	414.79	413.24	411.87	0.92	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:51:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	97.88	98.48	97.66	98.01	0.43	ppb
Zirconium	91-1	97.62	99.03	97.48	98.04	0.87	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10655.92	10512.23	10817.43	10661.86	1.43	ppb
Antimony	121-1	33.12	33.17	32.70	33.00	0.79	ppb
Arsenic	75-2	101.49	99.72	100.11	100.44	0.93	ppb
Barium	135-1	548.26	552.48	538.39	546.38	1.32	ppb
Barium	137-1	547.09	550.12	540.67	545.96	0.88	ppb
Beryllium	9-1	107.74	107.58	106.12	107.14	0.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	109.25	121.20	117.48	115.98	5.27	ppb
Boron	11-1	109.37	109.19	113.39	110.65	2.14	ppb
Cadmium	111-1	97.84	97.34	95.48	96.89	1.28	ppb
Cadmium	106-1	97.76	100.62	101.04	99.81	1.79	ppb
Cadmium	108-1	99.09	101.06	100.04	100.06	0.98	ppb
Calcium	43-1	30326.94	30048.33	30122.95	30166.08	0.48	ppb
Calcium	44-1	30717.65	30464.77	30053.72	30412.05	1.10	ppb
Chromium	52-2	140.74	136.07	140.38	139.06	1.87	ppb
Cobalt	59-2	116.20	112.78	116.45	115.14	1.78	ppb
Copper	63-2	280.80	275.62	282.99	279.80	1.35	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				106		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	24684.47	24329.88	24848.38	24620.91	1.08	ppb
Iron	57-2	24526.47	24231.79	24743.61	24500.62	1.05	ppb
Krypton	83-1						cps
Lead	206-1	246.71	247.42	244.43	246.19	0.63	ppb
Lead	207-1	234.55	236.26	231.97	234.26	0.92	ppb
Lead	208-1	237.53	238.10	235.36	237.00	0.61	ppb
Lithium	6-1				88		%
Magnesium	24-2	21376.38	21269.52	21406.82	21350.91	0.34	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	419.98	412.77	421.36	418.04	1.10	ppb
Molybdenum	94-1	448.27	454.07	452.96	451.77	0.68	ppb
Molybdenum	95-1	432.68	437.09	438.55	436.11	0.70	ppb
Molybdenum	96-1	431.03	433.95	435.73	433.57	0.55	ppb
Molybdenum	97-1	434.73	436.02	440.17	436.97	0.65	ppb
Molybdenum	98-1	433.42	438.21	438.20	436.61	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	194.10	190.49	196.16	193.59	1.48	ppb
Phosphorus	31-2	494.00	369.68	464.84	442.84	14.68	ppb
Potassium	39-2	6079.13	5972.12	6010.89	6020.71	0.90	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	116.27	145.80	103.60	121.89	17.77	ppb
Selenium	78-2	99.27	77.63	102.96	93.29	14.67	ppb
Selenium	82-1	85.55	88.81	89.71	88.02	2.49	ppb
Silicon	28-1	572.67	567.26	567.29	569.08	0.55	ppb
Silver	109-1	92.23	92.58	91.03	91.95	0.88	ppb
Silver	107-1	92.40	94.22	91.00	92.54	1.74	ppb
Sodium	23-2	10442.14	10223.14	10371.14	10345.47	1.08	ppb
Strontium	86-1	148.19	149.92	148.84	148.98	0.59	ppb
Strontium	88-1	152.10	154.52	155.32	153.98	1.09	ppb
Sulfur	34-1	-264.30	-331.16	-433.50	-342.98		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	94.31	94.70	95.34	94.78	0.55	ppb
Thallium	205-1	95.54	94.39	95.38	95.10	0.66	ppb
Tin	118-1	68.60	69.03	67.70	68.44	0.99	ppb
Titanium	47-1	726.08	711.02	706.95	714.69	1.41	ppb
Uranium	238-1	91.04	91.62	90.81	91.16	0.46	ppb
Vanadium	51-2	130.44	128.12	133.84	130.80	2.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	407.74	400.91	414.55	407.73	1.67	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	97.61	99.10	99.15	98.62	0.89	ppb
Zirconium	91-1	97.08	99.37	98.11	98.19	1.17	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:01:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50682.30	50459.46	49587.33	50243.03	1.15	ppb
Antimony	121-1	519.37	518.57	509.96	515.96	1.01	ppb
Arsenic	75-2	522.20	525.04	530.32	525.86	0.78	ppb
Barium	135-1	2546.27	2626.97	2569.70	2580.98	1.61	ppb
Barium	137-1	2580.39	2624.81	2541.41	2582.20	1.62	ppb
Beryllium	9-1	587.92	593.11	576.73	585.92	1.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	581.55	579.97	585.25	582.26	0.46	ppb
Boron	11-1	577.12	583.08	574.19	578.13	0.78	ppb
Cadmium	111-1	500.24	506.38	496.46	501.03	1.00	ppb
Cadmium	106-1	507.36	517.51	502.05	508.97	1.54	ppb
Cadmium	108-1	502.94	502.10	494.08	499.71	0.98	ppb
Calcium	43-1	245725.89	238260.93	242702.07	242229.63	1.55	ppb
Calcium	44-1	243344.25	236795.18	242264.50	240801.31	1.46	ppb
Chromium	52-2	526.18	528.95	523.25	526.13	0.54	ppb
Cobalt	59-2	522.08	524.18	516.42	520.89	0.77	ppb
Copper	63-2	1013.19	1012.82	998.40	1008.14	0.84	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				108		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	128007.33	127571.05	125938.61	127172.33	0.86	ppb
Iron	57-2	131984.59	128641.29	127384.17	129336.68	1.84	ppb
Krypton	83-1						cps
Lead	206-1	519.11	515.31	512.02	515.48	0.69	ppb
Lead	207-1	523.51	514.43	515.68	517.88	0.95	ppb
Lead	208-1	525.93	519.99	515.59	520.51	1.00	ppb
Lithium	6-1				88		%
Magnesium	24-2	251922.29	253814.24	249176.55	251637.69	0.93	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:01:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.26	1022.58	1016.87	1019.90	0.28	ppb
Molybdenum	94-1	2561.22	2551.93	2592.34	2568.50	0.82	ppb
Molybdenum	95-1	2585.01	2549.27	2557.37	2563.88	0.73	ppb
Molybdenum	96-1	2584.91	2530.06	2583.18	2566.05	1.22	ppb
Molybdenum	97-1	2603.01	2568.35	2610.23	2593.86	0.86	ppb
Molybdenum	98-1	2601.05	2550.60	2571.11	2574.26	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.30	529.75	515.56	524.20	1.45	ppb
Phosphorus	31-2	10143.74	10594.74	10432.04	10390.17	2.20	ppb
Potassium	39-2	124290.73	124970.70	122036.57	123766.00	1.24	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	554.51	492.27	537.41	528.06	6.09	ppb
Selenium	78-2	515.71	486.90	530.22	510.95	4.32	ppb
Selenium	82-1	514.31	502.06	509.37	508.58	1.21	ppb
Silicon	28-1	523.06	530.64	530.33	528.01	0.81	ppb
Silver	109-1	506.25	513.19	503.23	507.55	1.01	ppb
Silver	107-1	495.56	505.63	500.63	500.60	1.01	ppb
Sodium	23-2	250122.00	251947.69	245150.01	249073.23	1.41	ppb
Strontium	86-1	510.69	497.36	510.71	506.26	1.52	ppb
Strontium	88-1	511.13	505.09	516.28	510.83	1.10	ppb
Sulfur	34-1	10973.61	9704.70	10202.01	10293.44	6.21	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	512.13	510.25	506.81	509.73	0.53	ppb
Thallium	205-1	539.54	537.07	530.80	535.80	0.84	ppb
Tin	118-1	488.75	496.00	485.56	490.10	1.09	ppb
Titanium	47-1	2568.61	2514.05	2622.47	2568.38	2.11	ppb
Uranium	238-1	534.74	528.27	525.22	529.41	0.92	ppb
Vanadium	51-2	525.54	529.63	523.69	526.29	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	1038.30	1041.02	1016.24	1031.85	1.32	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:01:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.66	507.35	526.47	516.16	1.87	ppb
Zirconium	91-1	500.88	494.58	500.19	498.55	0.69	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:19:20 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.39	0.21	1.11	1.23	88.93	ppb
Antimony	121-1	0.05	0.07	0.10	0.07	35.92	ppb
Arsenic	75-2	-0.03	-0.09	0.00	-0.04		ppb
Barium	135-1	-0.02	-0.04	-0.03	-0.03		ppb
Barium	137-1	0.01	0.00	0.00	0.00	928.57	ppb
Beryllium	9-1	0.03	0.05	0.05	0.05	27.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	2.66	1.32	2.26	2.08	33.13	ppb
Boron	11-1	2.28	1.41	1.75	1.81	24.41	ppb
Cadmium	111-1	-0.07	-0.15	-0.15	-0.12		ppb
Cadmium	106-1	-1.04	-1.89	-2.12	-1.68		ppb
Cadmium	108-1	-0.08	0.20	-0.01	0.04	401.29	ppb
Calcium	43-1	-6.43	-4.28	-4.51	-5.08		ppb
Calcium	44-1	15.28	13.64	7.40	12.11	34.37	ppb
Chromium	52-2	0.07	0.30	0.01	0.13	117.84	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	108.07	ppb
Copper	63-2	0.05	0.03	0.03	0.04	36.70	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				104		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	1.11	0.31	0.10	0.51	105.08	ppb
Iron	57-2	4.45	0.92	4.11	3.16	61.59	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.04	27.11	ppb
Lead	207-1	0.05	0.05	0.01	0.04	69.07	ppb
Lead	208-1	0.04	0.05	0.03	0.04	24.30	ppb
Lithium	6-1				87		%
Magnesium	24-2	5.44	1.42	2.03	2.96	73.15	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:19:20	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.12	0.03	0.07	73.17	ppb
Molybdenum	94-1	0.04	-0.03	0.06	0.02	212.60	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	21.38	ppb
Molybdenum	96-1	-0.01	0.03	0.03	0.02	112.32	ppb
Molybdenum	97-1	0.05	0.04	0.11	0.06	56.59	ppb
Molybdenum	98-1	0.03	0.07	0.06	0.05	42.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.03	0.00	2001.30	ppb
Phosphorus	31-2	-34.50	-19.64	-19.90	-24.68		ppb
Potassium	39-2	19.54	37.72	11.08	22.78	59.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	4.49	0.00	0.00	1.50	173.21	ppb
Selenium	78-2	0.29	1.73	0.29	0.77	108.02	ppb
Selenium	82-1	-0.06	-0.04	0.52	0.14	234.20	ppb
Silicon	28-1	-16.89	-18.41	-18.98	-18.09		ppb
Silver	109-1	0.01	0.01	0.00	0.01	54.54	ppb
Silver	107-1	0.02	0.01	0.01	0.01	46.88	ppb
Sodium	23-2	85.16	75.54	79.53	80.08	6.04	ppb
Strontium	86-1	-0.07	-0.10	0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	69.66	ppb
Sulfur	34-1	1363.75	812.65	833.73	1003.38	31.12	ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.01	0.01	0.02	89.27	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	31.60	ppb
Tin	118-1	0.01	-0.03	-0.01	-0.01		ppb
Titanium	47-1	-0.04	-0.10	0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	204.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	0.46	0.18	-0.14	0.17	177.73	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:19:20	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	34.43	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	55.69	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:29:02 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.82	1.91	-0.61	2.04	133.27	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	57.06	ppb
Arsenic	75-2	-0.03	-0.05	-0.05	-0.05		ppb
Barium	135-1	-0.02	-0.04	0.03	-0.01		ppb
Barium	137-1	-0.01	0.03	0.00	0.01	278.96	ppb
Beryllium	9-1	-0.01	0.02	0.03	0.01	134.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	1.85	0.93	-0.25	0.84	125.02	ppb
Boron	11-1	0.96	1.11	1.14	1.07	9.07	ppb
Cadmium	111-1	0.06	-0.06	-0.04	-0.01		ppb
Cadmium	106-1	0.87	-0.92	-0.50	-0.18		ppb
Cadmium	108-1	0.06	-0.22	-0.01	-0.06		ppb
Calcium	43-1	-7.99	-2.26	-0.69	-3.65		ppb
Calcium	44-1	-11.08	-14.90	-11.08	-12.35		ppb
Chromium	52-2	0.21	0.39	0.27	0.29	32.33	ppb
Cobalt	59-2	-0.01	-0.02	-0.04	-0.02		ppb
Copper	63-2	0.02	0.01	-0.01	0.01	222.46	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				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	0.16	0.60	0.59	0.45	56.65	ppb
Iron	57-2	0.27	0.44	4.54	1.75	137.93	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	-0.01	0.02	131.84	ppb
Lead	207-1	0.02	0.02	0.02	0.02	10.68	ppb
Lead	208-1	0.03	0.02	0.02	0.02	33.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	-1.31	3.57	3.96	2.07	141.70	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:29:02 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.03	0.15	0.14	75.43	ppb
Molybdenum	94-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	2242.76	ppb
Molybdenum	96-1	0.04	-0.01	-0.01	0.01	483.37	ppb
Molybdenum	97-1	0.01	0.06	0.03	0.03	73.00	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	366.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.05	0.05	9.96	ppb
Phosphorus	31-2	-19.99	-34.50	-19.89	-24.79		ppb
Potassium	39-2	23.31	15.34	4.88	14.51	63.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	8.83	4.46	4.48	5.92	42.46	ppb
Selenium	78-2	-0.42	0.29	-0.42	-0.19		ppb
Selenium	82-1	-1.07	-0.46	0.20	-0.44		ppb
Silicon	28-1	-16.84	-18.65	-17.01	-17.50		ppb
Silver	109-1	0.00	0.00	0.01	0.00	67.50	ppb
Silver	107-1	0.00	0.00	0.01	0.00	59.26	ppb
Sodium	23-2	62.81	53.95	54.34	57.03	8.78	ppb
Strontium	86-1	-0.20	-0.07	-0.10	-0.12		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	3935.96	ppb
Sulfur	34-1	1314.65	1045.70	1256.95	1205.76	11.74	ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	0.02	0.01	231.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	37.63	ppb
Tin	118-1	-0.03	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.07	0.01	0.01	0.03	115.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	-0.37	-0.19	0.15	-0.14		ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BL	Instrumnet Name :	P8
Client Sample ID :	PB116293BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:29:02	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	80.68	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	121.82	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:32:30	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9726.64	9885.28	9694.27	9768.73	1.05	ppb
Antimony	121-1	500.46	512.99	502.04	505.16	1.35	ppb
Arsenic	75-2	528.19	529.92	511.86	523.32	1.90	ppb
Barium	135-1	2490.16	2535.32	2535.90	2520.46	1.04	ppb
Barium	137-1	2508.48	2517.17	2516.21	2513.95	0.19	ppb
Beryllium	9-1	549.31	551.23	565.49	555.34	1.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	533.31	530.69	540.93	534.98	0.99	ppb
Boron	11-1	524.66	537.87	550.92	537.81	2.44	ppb
Cadmium	111-1	498.14	503.89	495.36	499.13	0.87	ppb
Cadmium	106-1	490.67	510.38	511.53	504.19	2.33	ppb
Cadmium	108-1	505.53	511.74	508.75	508.67	0.61	ppb
Calcium	43-1	49432.07	49207.56	48925.76	49188.46	0.52	ppb
Calcium	44-1	49227.66	49553.29	48739.42	49173.45	0.83	ppb
Chromium	52-2	528.33	536.39	525.12	529.95	1.10	ppb
Cobalt	59-2	531.54	537.47	527.00	532.00	0.99	ppb
Copper	63-2	1064.66	1077.59	1047.94	1063.40	1.40	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				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	26332.32	26608.08	26092.34	26344.25	0.98	ppb
Iron	57-2	25991.38	26232.59	25547.63	25923.87	1.34	ppb
Krypton	83-1						cps
Lead	206-1	501.19	513.24	502.41	505.61	1.31	ppb
Lead	207-1	504.04	509.54	506.49	506.69	0.54	ppb
Lead	208-1	510.32	516.18	512.77	513.09	0.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	55906.20	56485.34	54989.65	55793.73	1.35	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:32:30	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.45	1050.07	1020.93	1033.82	1.44	ppb
Molybdenum	94-1	2514.46	2485.22	2533.19	2510.96	0.96	ppb
Molybdenum	95-1	2533.66	2512.90	2563.10	2536.55	0.99	ppb
Molybdenum	96-1	2511.79	2466.12	2520.95	2499.62	1.17	ppb
Molybdenum	97-1	2515.48	2527.77	2553.13	2532.13	0.76	ppb
Molybdenum	98-1	2509.15	2510.61	2511.59	2510.45	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.14	548.36	533.01	539.50	1.47	ppb
Phosphorus	31-2	10130.82	10343.20	9439.14	9971.05	4.74	ppb
Potassium	39-2	24753.90	24704.92	24173.03	24543.95	1.31	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	586.54	564.70	505.53	552.26	7.59	ppb
Selenium	78-2	505.58	530.71	481.83	506.04	4.83	ppb
Selenium	82-1	508.94	503.96	510.38	507.76	0.66	ppb
Silicon	28-1	505.78	516.49	515.70	512.66	1.16	ppb
Silver	109-1	502.26	506.63	505.59	504.83	0.45	ppb
Silver	107-1	502.84	507.41	502.39	504.21	0.55	ppb
Sodium	23-2	52817.63	53887.05	52354.51	53019.73	1.48	ppb
Strontium	86-1	499.97	496.57	504.32	500.28	0.78	ppb
Strontium	88-1	507.89	507.78	513.42	509.70	0.63	ppb
Sulfur	34-1	11462.74	11274.67	10735.58	11157.66	3.38	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	487.50	503.46	497.50	496.16	1.63	ppb
Thallium	205-1	515.92	529.68	522.03	522.55	1.32	ppb
Tin	118-1	478.65	484.73	481.54	481.64	0.63	ppb
Titanium	47-1	2558.45	2547.56	2530.14	2545.38	0.56	ppb
Uranium	238-1	498.82	505.27	509.89	504.66	1.10	ppb
Vanadium	51-2	526.19	536.36	526.18	529.58	1.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	1062.58	1072.57	1056.65	1063.93	0.76	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:32:30	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.70	494.22	508.33	501.08	1.41	ppb
Zirconium	91-1	486.10	482.72	489.06	485.96	0.65	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.59	21.51	21.76	22.95	9.95	ppb
Antimony	121-1	1.57	1.39	1.25	1.40	11.26	ppb
Arsenic	75-2	0.91	0.80	0.79	0.83	8.23	ppb
Barium	135-1	173.75	168.63	168.85	170.41	1.70	ppb
Barium	137-1	174.63	168.35	169.59	170.86	1.95	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	21.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				89		%
Boron	10-1	45.93	38.50	32.38	38.94	17.43	ppb
Boron	11-1	41.35	34.90	30.81	35.69	14.89	ppb
Cadmium	111-1	0.28	0.48	0.53	0.43	31.46	ppb
Cadmium	106-1	-1.34	-1.32	-0.69	-1.12		ppb
Cadmium	108-1	0.57	0.40	0.39	0.45	21.89	ppb
Calcium	43-1	92356.30	92335.55	91359.13	92016.99	0.62	ppb
Calcium	44-1	92894.38	93166.23	92060.51	92707.04	0.62	ppb
Chromium	52-2	2731.23	2726.71	2805.24	2754.40	1.60	ppb
Cobalt	59-2	0.51	0.52	0.50	0.51	2.38	ppb
Copper	63-2	9.81	10.13	9.86	9.93	1.74	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				104		%
Holmium	165-2				86		%
Indium	115-1				108		%
Indium	115-2				81		%
Iron	56-2	34.51	33.09	33.69	33.76	2.12	ppb
Iron	57-2	41.12	30.33	35.14	35.53	15.21	ppb
Krypton	83-1						cps
Lead	206-1	1.67	1.36	1.16	1.40	18.38	ppb
Lead	207-1	1.88	1.35	1.11	1.45	27.39	ppb
Lead	208-1	1.77	1.39	1.19	1.45	20.33	ppb
Lithium	6-1				116		%
Magnesium	24-2	18792.85	18898.96	19234.20	18975.34	1.21	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	464.93	464.12	480.60	469.88	1.98	ppb
Molybdenum	94-1	0.61	0.69	0.51	0.60	14.50	ppb
Molybdenum	95-1	0.78	0.83	0.78	0.80	3.62	ppb
Molybdenum	96-1	0.79	0.67	0.74	0.74	7.99	ppb
Molybdenum	97-1	1.03	1.14	0.99	1.06	7.32	ppb
Molybdenum	98-1	0.84	0.79	0.76	0.80	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.15	2.26	2.26	4.71	ppb
Phosphorus	31-2	-15.81	-15.30	42.99	3.96	853.55	ppb
Potassium	39-2	1610.00	1585.08	1677.83	1624.30	2.96	ppb
Rhodium	103-1				89		%
Rhodium	103-2				81		%
Scandium	45-1				77		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.80	4.81	2.18	3.93	38.59	ppb
Selenium	82-1	1.90	-0.10	-0.42	0.46	272.69	ppb
Silicon	28-1	5832.28	5771.79	5759.97	5788.01	0.67	ppb
Silver	109-1	2.37	1.68	1.34	1.80	29.37	ppb
Silver	107-1	2.42	1.69	1.35	1.82	30.27	ppb
Sodium	23-2	82500.28	83349.73	84048.01	83299.34	0.93	ppb
Strontium	86-1	147.83	149.62	149.99	149.15	0.77	ppb
Strontium	88-1	147.77	150.14	149.48	149.13	0.82	ppb
Sulfur	34-1	6326.41	5688.53	5609.28	5874.74	6.69	ppb
Terbium	159-1				104		%
Terbium	159-2				85		%
Thallium	203-1	0.53	0.37	0.23	0.38	39.00	ppb
Thallium	205-1	0.59	0.31	0.28	0.39	43.77	ppb
Tin	118-1	2.13	2.05	2.01	2.06	2.87	ppb
Titanium	47-1	1.24	1.17	1.58	1.33	16.54	ppb
Uranium	238-1	0.32	0.33	0.34	0.33	2.92	ppb
Vanadium	51-2	1.21	1.39	1.48	1.36	9.85	ppb
Yttrium	89-1				91		%
Yttrium	89-2				73		%
Zinc	66-2	24.75	24.23	24.68	24.55	1.16	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.06	0.07	21.19	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	42.65	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.61	3.53	0.21	2.12	81.11	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	29.32	ppb
Arsenic	75-2	0.12	0.06	-0.03	0.05	152.90	ppb
Barium	135-1	0.51	0.64	0.46	0.54	16.61	ppb
Barium	137-1	0.54	0.57	0.51	0.54	5.67	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.22	ppb
Bismuth	209-1				125		%
Bismuth	209-2				102		%
Boron	10-1	4.00	2.19	2.47	2.89	33.75	ppb
Boron	11-1	3.06	2.79	3.28	3.04	8.02	ppb
Cadmium	111-1	-0.13	0.05	0.07	0.00		ppb
Cadmium	106-1	-1.81	0.38	0.52	-0.30		ppb
Cadmium	108-1	0.14	0.09	0.26	0.16	56.03	ppb
Calcium	43-1	138.16	120.12	141.68	133.32	8.68	ppb
Calcium	44-1	70.42	79.56	76.06	75.35	6.12	ppb
Chromium	52-2	2.42	2.18	2.25	2.29	5.29	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	41.51	ppb
Copper	63-2	2.82	2.85	2.64	2.77	3.99	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				118		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				90		%
Iron	56-2	9.64	10.19	9.29	9.71	4.70	ppb
Iron	57-2	10.91	6.34	10.36	9.20	27.08	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.32	0.38	0.37	12.55	ppb
Lead	207-1	0.38	0.42	0.34	0.38	10.63	ppb
Lead	208-1	0.36	0.35	0.34	0.35	2.39	ppb
Lithium	6-1				89		%
Magnesium	24-2	4.65	8.73	8.70	7.36	31.92	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.57	0.55	0.57	0.56	2.93	ppb
Molybdenum	94-1	0.07	0.04	0.10	0.07	49.21	ppb
Molybdenum	95-1	0.06	0.11	0.11	0.10	28.44	ppb
Molybdenum	96-1	0.09	0.06	0.09	0.08	23.04	ppb
Molybdenum	97-1	0.22	0.25	0.23	0.23	7.52	ppb
Molybdenum	98-1	0.12	0.08	0.16	0.12	34.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.61	0.52	0.54	12.79	ppb
Phosphorus	31-2	-19.20	-18.91	-34.50	-24.20		ppb
Potassium	39-2	7.45	24.45	27.23	19.71	54.32	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				83		%
Selenium	77-2	4.53	4.55	9.07	6.05	43.27	ppb
Selenium	78-2	1.75	-0.42	0.30	0.54	204.70	ppb
Selenium	82-1	-0.62	-1.29	-0.99	-0.97		ppb
Silicon	28-1	-29.45	-38.99	-39.74	-36.06		ppb
Silver	109-1	0.02	0.05	0.04	0.03	46.41	ppb
Silver	107-1	0.03	0.03	0.04	0.03	25.51	ppb
Sodium	23-2	2997.87	3035.71	2990.71	3008.10	0.80	ppb
Strontium	86-1	0.06	0.10	0.00	0.06	96.10	ppb
Strontium	88-1	0.18	0.18	0.19	0.18	2.54	ppb
Sulfur	34-1	-3028.67	-2072.79	-2330.19	-2477.22		ppb
Terbium	159-1				121		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.04	0.03	0.02	63.61	ppb
Thallium	205-1	0.01	0.04	0.01	0.02	91.80	ppb
Tin	118-1	-0.01	0.06	-0.01	0.01	317.75	ppb
Titanium	47-1	0.03	-0.04	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	145.80	ppb
Vanadium	51-2	0.03	-0.02	0.02	0.01	326.56	ppb
Yttrium	89-1				105		%
Yttrium	89-2				88		%
Zinc	66-2	578.28	584.36	582.30	581.65	0.53	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	49.63	ppb
Zirconium	91-1	-0.01	0.02	-0.02	0.00		ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:42:46 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	204.80	206.28	221.89	210.99	4.49	ppb
Antimony	121-1	0.93	1.00	1.04	0.99	5.50	ppb
Arsenic	75-2	1.26	1.38	1.43	1.36	6.35	ppb
Barium	135-1	231.25	233.27	228.98	231.17	0.93	ppb
Barium	137-1	231.56	230.98	228.99	230.51	0.59	ppb
Beryllium	9-1	0.04	0.00	0.00	0.01	176.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	19.97	18.56	19.80	19.44	3.96	ppb
Boron	11-1	21.17	19.70	19.84	20.24	4.03	ppb
Cadmium	111-1	0.06	0.09	0.06	0.07	24.43	ppb
Cadmium	106-1	-0.35	-1.26	-1.16	-0.92		ppb
Cadmium	108-1	0.26	0.05	-0.02	0.10	145.25	ppb
Calcium	43-1	93767.47	95399.42	94865.06	94677.32	0.88	ppb
Calcium	44-1	94717.52	96286.58	95030.17	95344.76	0.87	ppb
Chromium	52-2	791.85	784.06	795.05	790.32	0.72	ppb
Cobalt	59-2	0.56	0.62	0.61	0.60	5.34	ppb
Copper	63-2	9.66	9.51	9.70	9.62	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				109		%
Holmium	165-2				87		%
Indium	115-1				105		%
Indium	115-2				78		%
Iron	56-2	495.40	493.80	491.42	493.54	0.41	ppb
Iron	57-2	476.56	500.59	473.19	483.45	3.09	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.15	1.30	1.23	5.85	ppb
Lead	207-1	1.22	1.15	1.24	1.20	4.15	ppb
Lead	208-1	1.22	1.18	1.25	1.22	2.89	ppb
Lithium	6-1				159		%
Magnesium	24-2	24622.99	24776.79	24691.36	24697.05	0.31	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:42:46 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.25	17.22	17.98	17.48	2.48	ppb
Molybdenum	94-1	2.18	3.00	2.31	2.49	17.79	ppb
Molybdenum	95-1	2.17	2.20	2.36	2.25	4.55	ppb
Molybdenum	96-1	2.25	2.12	2.23	2.20	3.00	ppb
Molybdenum	97-1	2.34	2.34	2.54	2.40	4.73	ppb
Molybdenum	98-1	2.54	2.32	2.28	2.38	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.17	14.15	13.92	14.08	0.97	ppb
Phosphorus	31-2	4.78	4.54	24.27	11.20	101.14	ppb
Potassium	39-2	2226.64	2153.73	2191.62	2190.66	1.66	ppb
Rhodium	103-1				89		%
Rhodium	103-2				81		%
Scandium	45-1				74		%
Scandium	45-2				66		%
Selenium	77-2	5.54	11.13	5.54	7.40	43.58	ppb
Selenium	78-2	1.34	4.02	4.00	3.12	49.30	ppb
Selenium	82-1	1.05	2.18	-0.50	0.91	147.57	ppb
Silicon	28-1	6514.77	6820.95	6699.79	6678.50	2.31	ppb
Silver	109-1	1.12	1.23	1.12	1.16	5.66	ppb
Silver	107-1	1.21	1.23	1.27	1.24	2.59	ppb
Sodium	23-2	74178.65	74504.20	74114.47	74265.78	0.28	ppb
Strontium	86-1	192.71	187.93	188.17	189.60	1.42	ppb
Strontium	88-1	200.55	194.66	195.76	196.99	1.59	ppb
Sulfur	34-1	7873.04	7698.65	7410.62	7660.77	3.05	ppb
Terbium	159-1				107		%
Terbium	159-2				85		%
Thallium	203-1	0.11	0.04	0.06	0.07	49.50	ppb
Thallium	205-1	0.11	0.07	0.07	0.08	24.23	ppb
Tin	118-1	1.64	1.91	1.67	1.74	8.49	ppb
Titanium	47-1	14.53	15.17	14.31	14.67	3.08	ppb
Uranium	238-1	0.52	0.55	0.48	0.52	7.22	ppb
Vanadium	51-2	2.66	2.47	2.26	2.46	8.21	ppb
Yttrium	89-1				91		%
Yttrium	89-2				72		%
Zinc	66-2	24.99	24.04	24.34	24.45	1.98	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:42:46	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.52	0.51	0.55	0.52	3.74	ppb
Zirconium	91-1	0.58	0.49	0.47	0.51	11.41	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:46:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.77	33.05	45.20	38.01	16.78	ppb
Antimony	121-1	1.39	1.44	1.44	1.42	2.23	ppb
Arsenic	75-2	1.20	1.27	1.33	1.27	4.90	ppb
Barium	135-1	1423.62	1395.37	1409.74	1409.57	1.00	ppb
Barium	137-1	1495.37	1451.81	1463.27	1470.15	1.54	ppb
Beryllium	9-1	0.03	0.04	0.09	0.05	57.97	ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	69.68	69.79	69.23	69.57	0.42	ppb
Boron	11-1	71.83	69.39	68.85	70.02	2.27	ppb
Cadmium	111-1	0.23	0.29	0.34	0.29	18.28	ppb
Cadmium	106-1	0.02	0.32	0.70	0.35	97.89	ppb
Cadmium	108-1	1.33	1.79	1.81	1.64	16.55	ppb
Calcium	43-1	264438.49	257910.95	267781.92	263377.12	1.91	ppb
Calcium	44-1	263798.88	258685.88	265336.71	262607.16	1.33	ppb
Chromium	52-2	1048.46	1056.44	1059.25	1054.72	0.53	ppb
Cobalt	59-2	47.92	49.05	47.64	48.20	1.55	ppb
Copper	63-2	25.68	27.34	27.33	26.79	3.56	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				112		%
Holmium	165-2				87		%
Indium	115-1				101		%
Indium	115-2				74		%
Iron	56-2	39473.29	39924.82	39416.97	39605.02	0.70	ppb
Iron	57-2	38469.04	39751.27	39178.08	39132.80	1.64	ppb
Krypton	83-1						cps
Lead	206-1	5.08	5.01	5.14	5.08	1.31	ppb
Lead	207-1	4.98	4.89	4.95	4.94	0.95	ppb
Lead	208-1	4.89	4.84	4.94	4.89	1.05	ppb
Lithium	6-1				156		%
Magnesium	24-2	58908.21	57367.36	57826.51	58034.03	1.36	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:46:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26840.08	27491.24	27005.26	27112.20	1.25	ppb
Molybdenum	94-1	26.31	25.44	26.50	26.09	2.17	ppb
Molybdenum	95-1	0.66	0.67	0.76	0.70	8.12	ppb
Molybdenum	96-1	3.54	3.84	3.58	3.65	4.49	ppb
Molybdenum	97-1	0.83	1.04	0.78	0.88	15.88	ppb
Molybdenum	98-1	0.54	0.54	0.53	0.54	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.19	122.87	123.60	121.89	1.94	ppb
Phosphorus	31-2	43.51	103.74	43.84	63.70	54.45	ppb
Potassium	39-2	2697.30	2578.04	2616.52	2630.62	2.31	ppb
Rhodium	103-1				88		%
Rhodium	103-2				79		%
Scandium	45-1				73		%
Scandium	45-2				66		%
Selenium	77-2	5.50	0.00	5.53	3.68	86.60	ppb
Selenium	78-2	1.33	0.45	1.34	1.04	49.02	ppb
Selenium	82-1	-0.91	-1.66	-0.19	-0.92		ppb
Silicon	28-1	15439.66	15256.74	15958.92	15551.77	2.34	ppb
Silver	109-1	1.27	1.27	1.46	1.33	7.97	ppb
Silver	107-1	1.25	1.30	1.45	1.33	7.70	ppb
Sodium	23-2	202718.48	198438.61	200514.79	200557.29	1.07	ppb
Strontium	86-1	411.05	402.47	402.92	405.48	1.19	ppb
Strontium	88-1	422.34	415.62	410.42	416.13	1.44	ppb
Sulfur	34-1	-1813.95	-2673.35	-2273.29	-2253.53		ppb
Terbium	159-1				110		%
Terbium	159-2				85		%
Thallium	203-1	0.25	0.20	0.16	0.20	22.99	ppb
Thallium	205-1	0.26	0.17	0.16	0.20	26.05	ppb
Tin	118-1	2.05	2.12	2.18	2.12	2.96	ppb
Titanium	47-1	1.64	1.80	2.08	1.84	11.98	ppb
Uranium	238-1	0.05	0.06	0.08	0.06	25.89	ppb
Vanadium	51-2	1.02	1.14	1.17	1.11	7.18	ppb
Yttrium	89-1				92		%
Yttrium	89-2				73		%
Zinc	66-2	29.68	30.72	30.29	30.23	1.73	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:46:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.69	16.72	16.33	16.58	1.33	ppb
Zirconium	91-1	17.06	16.90	16.62	16.86	1.33	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:49:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	166.12	155.39	159.42	160.31	3.38	ppb
Antimony	121-1	1.18	1.23	1.28	1.23	4.13	ppb
Arsenic	75-2	1.24	1.32	1.27	1.28	3.14	ppb
Barium	135-1	197.85	200.09	196.16	198.03	1.00	ppb
Barium	137-1	200.31	196.89	199.34	198.84	0.88	ppb
Beryllium	9-1	0.31	0.21	0.20	0.24	26.87	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	177.97	183.47	187.56	183.00	2.63	ppb
Boron	11-1	188.11	179.83	186.04	184.66	2.33	ppb
Cadmium	111-1	0.82	0.70	0.80	0.77	8.35	ppb
Cadmium	106-1	1.76	0.16	1.37	1.10	75.94	ppb
Cadmium	108-1	2.04	2.01	2.78	2.28	19.06	ppb
Calcium	43-1	123806.92	123913.06	121438.40	123052.79	1.14	ppb
Calcium	44-1	124856.63	122956.37	123672.61	123828.54	0.78	ppb
Chromium	52-2	604.43	596.88	596.04	599.11	0.77	ppb
Cobalt	59-2	8.27	8.22	8.48	8.33	1.66	ppb
Copper	63-2	41.54	40.61	41.15	41.10	1.14	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				111		%
Holmium	165-2				86		%
Indium	115-1				99		%
Indium	115-2				73		%
Iron	56-2	26631.88	26445.52	26614.58	26563.99	0.39	ppb
Iron	57-2	26750.43	26206.08	26359.43	26438.65	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2.17	2.27	2.17	2.20	2.79	ppb
Lead	207-1	2.31	2.25	2.07	2.21	5.71	ppb
Lead	208-1	2.17	2.23	2.13	2.18	2.36	ppb
Lithium	6-1				144		%
Magnesium	24-2	30205.17	30007.33	30249.62	30154.04	0.43	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:49:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36049.27	35449.51	35688.40	35729.06	0.85	ppb
Molybdenum	94-1	38.45	39.52	38.64	38.87	1.48	ppb
Molybdenum	95-1	1.76	1.69	1.86	1.77	4.67	ppb
Molybdenum	96-1	6.42	6.06	6.20	6.23	2.86	ppb
Molybdenum	97-1	1.84	1.94	1.69	1.82	7.00	ppb
Molybdenum	98-1	1.60	1.71	1.61	1.64	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.62	75.94	77.43	77.00	1.19	ppb
Phosphorus	31-2	-14.02	46.19	147.83	60.00	136.34	ppb
Potassium	39-2	3627.90	3645.96	3497.50	3590.45	2.26	ppb
Rhodium	103-1				89		%
Rhodium	103-2				79		%
Scandium	45-1				71		%
Scandium	45-2				64		%
Selenium	77-2	0.00	11.38	11.37	7.58	86.60	ppb
Selenium	78-2	0.48	1.39	0.48	0.78	67.09	ppb
Selenium	82-1	-2.01	-1.13	-2.23	-1.79		ppb
Silicon	28-1	9585.02	9433.03	9449.42	9489.16	0.88	ppb
Silver	109-1	0.66	0.67	0.64	0.66	2.73	ppb
Silver	107-1	0.70	0.73	0.73	0.72	2.92	ppb
Sodium	23-2	255451.42	247965.12	250838.87	251418.47	1.50	ppb
Strontium	86-1	342.82	343.47	338.54	341.61	0.78	ppb
Strontium	88-1	357.45	353.92	354.92	355.43	0.51	ppb
Sulfur	34-1	2494.54	2094.00	1404.07	1997.54	27.61	ppb
Terbium	159-1				110		%
Terbium	159-2				85		%
Thallium	203-1	0.06	0.07	0.06	0.06	10.39	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	5.53	ppb
Tin	118-1	2.25	2.32	2.27	2.28	1.64	ppb
Titanium	47-1	1.95	2.26	2.15	2.12	7.49	ppb
Uranium	238-1	0.33	0.32	0.31	0.32	3.68	ppb
Vanadium	51-2	0.57	0.49	0.64	0.57	12.77	ppb
Yttrium	89-1				90		%
Yttrium	89-2				70		%
Zinc	66-2	50.81	48.85	49.49	49.72	2.01	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:49:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.07	24.94	25.25	25.09	0.63	ppb
Zirconium	91-1	25.51	25.96	25.17	25.54	1.55	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:53:02 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.95	29.19	38.98	32.04	18.86	ppb
Antimony	121-1	1.31	1.37	1.45	1.38	4.94	ppb
Arsenic	75-2	0.68	0.71	0.82	0.74	10.08	ppb
Barium	135-1	166.94	164.03	167.21	166.06	1.06	ppb
Barium	137-1	171.24	167.63	168.33	169.07	1.13	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				87		%
Boron	10-1	25.40	24.39	24.40	24.73	2.33	ppb
Boron	11-1	24.98	24.64	24.11	24.58	1.79	ppb
Cadmium	111-1	0.26	0.15	0.19	0.20	28.08	ppb
Cadmium	106-1	0.25	-1.70	-0.64	-0.70		ppb
Cadmium	108-1	-0.08	0.11	0.43	0.15	171.30	ppb
Calcium	43-1	91287.54	90588.78	92064.34	91313.56	0.81	ppb
Calcium	44-1	91405.41	92167.15	93954.07	92508.88	1.41	ppb
Chromium	52-2	2818.47	2825.57	2815.68	2819.90	0.18	ppb
Cobalt	59-2	0.48	0.50	0.46	0.48	4.50	ppb
Copper	63-2	7.25	7.36	7.56	7.39	2.16	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				111		%
Holmium	165-2				85		%
Indium	115-1				100		%
Indium	115-2				72		%
Iron	56-2	41.91	43.62	42.42	42.65	2.06	ppb
Iron	57-2	45.56	32.30	44.25	40.70	17.96	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.76	0.83	0.80	5.23	ppb
Lead	207-1	0.74	0.63	0.79	0.72	11.00	ppb
Lead	208-1	0.75	0.70	0.76	0.74	4.41	ppb
Lithium	6-1				141		%
Magnesium	24-2	18820.11	18984.02	18825.83	18876.65	0.49	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:53:02 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	453.35	458.06	459.39	456.93	0.70	ppb
Molybdenum	94-1	0.45	0.43	0.47	0.45	3.96	ppb
Molybdenum	95-1	0.49	0.60	0.56	0.55	9.37	ppb
Molybdenum	96-1	0.52	0.48	0.49	0.50	4.66	ppb
Molybdenum	97-1	1.04	1.06	0.92	1.00	7.51	ppb
Molybdenum	98-1	0.56	0.49	0.47	0.51	8.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.23	2.43	2.25	7.52	ppb
Phosphorus	31-2	-13.93	26.87	-14.21	-0.42		ppb
Potassium	39-2	1595.06	1528.52	1590.54	1571.37	2.37	ppb
Rhodium	103-1				89		%
Rhodium	103-2				78		%
Scandium	45-1				70		%
Scandium	45-2				63		%
Selenium	77-2	0.00	5.87	5.76	3.88	86.62	ppb
Selenium	78-2	5.13	2.39	0.49	2.67	87.23	ppb
Selenium	82-1	-1.84	-1.33	0.53	-0.88		ppb
Silicon	28-1	5626.78	5597.78	5605.06	5609.87	0.27	ppb
Silver	109-1	0.42	0.36	0.37	0.38	9.44	ppb
Silver	107-1	0.45	0.39	0.35	0.40	12.82	ppb
Sodium	23-2	82913.42	83452.72	82922.14	83096.09	0.37	ppb
Strontium	86-1	152.48	151.69	150.34	151.50	0.72	ppb
Strontium	88-1	151.46	152.61	150.93	151.67	0.57	ppb
Sulfur	34-1	4904.29	4096.32	4464.29	4488.30	9.01	ppb
Terbium	159-1				110		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.74	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	54.44	ppb
Tin	118-1	1.28	1.26	1.28	1.27	0.89	ppb
Titanium	47-1	1.46	1.32	1.29	1.36	6.75	ppb
Uranium	238-1	0.36	0.39	0.36	0.37	5.56	ppb
Vanadium	51-2	1.23	1.22	1.42	1.29	8.82	ppb
Yttrium	89-1				88		%
Yttrium	89-2				69		%
Zinc	66-2	12.85	14.48	13.43	13.59	6.06	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:53:02	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.07	0.05	39.29	ppb
Zirconium	91-1	0.06	0.02	0.03	0.04	55.56	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:56:28	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2357.89	2228.07	2252.61	2279.53	3.03	ppb
Antimony	121-1	1.93	2.06	2.13	2.04	5.04	ppb
Arsenic	75-2	2.27	2.85	1.81	2.31	22.64	ppb
Barium	135-1	153.10	151.68	153.44	152.74	0.61	ppb
Barium	137-1	154.37	154.17	156.24	154.93	0.73	ppb
Beryllium	9-1	0.31	0.41	0.31	0.34	17.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				80		%
Boron	10-1	259.90	255.08	243.29	252.75	3.38	ppb
Boron	11-1	263.91	254.86	256.66	258.48	1.85	ppb
Cadmium	111-1	2.32	2.49	2.56	2.46	5.12	ppb
Cadmium	106-1	2.66	4.24	4.18	3.70	24.28	ppb
Cadmium	108-1	3.41	2.54	3.10	3.01	14.65	ppb
Calcium	43-1	94050.11	93345.28	91585.37	92993.59	1.37	ppb
Calcium	44-1	95815.76	94744.15	93252.68	94604.20	1.36	ppb
Chromium	52-2	3929.80	3836.56	3975.89	3914.08	1.81	ppb
Cobalt	59-2	31.91	31.08	31.53	31.51	1.32	ppb
Copper	63-2	718.44	699.34	718.96	712.25	1.57	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				106		%
Holmium	165-2				82		%
Indium	115-1				91		%
Indium	115-2				66		%
Iron	56-2	39630.87	38128.70	39347.27	39035.61	2.04	ppb
Iron	57-2	39036.45	38060.57	38975.70	38690.90	1.41	ppb
Krypton	83-1						cps
Lead	206-1	3.07	3.10	3.04	3.07	0.97	ppb
Lead	207-1	2.98	2.89	2.77	2.88	3.58	ppb
Lead	208-1	2.93	2.92	2.86	2.90	1.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	27588.09	26694.47	27503.31	27261.95	1.81	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-13 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:56:28 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	21104.81	20427.56	20917.87	20816.75	1.68	ppb
Molybdenum	94-1	28.14	28.07	29.06	28.42	1.95	ppb
Molybdenum	95-1	10.30	10.27	10.29	10.29	0.17	ppb
Molybdenum	96-1	12.37	12.67	12.54	12.52	1.21	ppb
Molybdenum	97-1	11.12	11.05	11.11	11.09	0.35	ppb
Molybdenum	98-1	10.66	10.83	10.42	10.64	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.18	108.56	108.83	109.19	0.80	ppb
Phosphorus	31-2	616.55	468.44	616.35	567.11	15.07	ppb
Potassium	39-2	5862.77	5490.55	5745.45	5699.59	3.34	ppb
Rhodium	103-1				81		%
Rhodium	103-2				73		%
Scandium	45-1				66		%
Scandium	45-2				60		%
Selenium	77-2	28.53	39.80	22.75	30.36	28.56	ppb
Selenium	78-2	9.59	6.84	15.01	10.48	39.70	ppb
Selenium	82-1	26.21	27.94	29.94	28.03	6.65	ppb
Silicon	28-1	13102.77	12991.41	12649.53	12914.57	1.83	ppb
Silver	109-1	22.44	22.36	22.65	22.48	0.66	ppb
Silver	107-1	22.72	22.12	22.67	22.50	1.48	ppb
Sodium	23-2	1228268.02	1196916.19	1240900.17	1222028.13	1.85	ppb
Strontium	86-1	212.90	212.54	209.34	211.59	0.93	ppb
Strontium	88-1	222.53	222.97	217.30	220.94	1.43	ppb
Sulfur	34-1	8418.85	7908.53	6477.99	7601.79	13.24	ppb
Terbium	159-1				105		%
Terbium	159-2				80		%
Thallium	203-1	0.04	0.06	0.02	0.04	39.58	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	17.17	ppb
Tin	118-1	1.72	1.90	1.96	1.86	6.65	ppb
Titanium	47-1	24.92	26.95	26.17	26.01	3.93	ppb
Uranium	238-1	0.96	1.00	0.94	0.97	3.05	ppb
Vanadium	51-2	3.22	2.92	3.08	3.07	4.80	ppb
Yttrium	89-1				89		%
Yttrium	89-2				70		%
Zinc	66-2	62.08	60.48	63.17	61.91	2.19	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:56:28	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	13.76	13.89	13.48	13.71	1.51	ppb
Zirconium	91-1	14.35	14.20	13.66	14.07	2.59	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:59:53	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.93	7.15	10.10	8.73	17.02	ppb
Antimony	121-1	1.66	1.58	1.62	1.62	2.42	ppb
Arsenic	75-2	1.21	0.92	0.94	1.02	15.55	ppb
Barium	135-1	159.17	158.08	160.04	159.10	0.62	ppb
Barium	137-1	160.62	162.69	162.24	161.85	0.67	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				114		%
Bismuth	209-2				89		%
Boron	10-1	23.65	28.29	21.69	24.54	13.81	ppb
Boron	11-1	25.67	24.51	23.82	24.67	3.79	ppb
Cadmium	111-1	-0.04	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-1.44	-1.09	-1.58	-1.37		ppb
Cadmium	108-1	0.04	-0.03	-0.22	-0.07		ppb
Calcium	43-1	86792.16	87287.36	87120.00	87066.51	0.29	ppb
Calcium	44-1	87444.83	88085.54	87409.33	87646.57	0.43	ppb
Chromium	52-2	2506.31	2520.83	2553.16	2526.76	0.95	ppb
Cobalt	59-2	0.09	0.07	0.12	0.09	25.81	ppb
Copper	63-2	4.47	4.49	4.55	4.50	0.87	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				114		%
Holmium	165-2				87		%
Indium	115-1				100		%
Indium	115-2				72		%
Iron	56-2	18.68	16.66	16.48	17.27	7.08	ppb
Iron	57-2	24.68	24.45	12.55	20.56	33.73	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.46	0.58	0.53	11.44	ppb
Lead	207-1	0.49	0.47	0.53	0.50	5.26	ppb
Lead	208-1	0.50	0.47	0.53	0.50	5.71	ppb
Lithium	6-1				127		%
Magnesium	24-2	20695.89	20595.80	20369.45	20553.71	0.81	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:59:53 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.58	2.12	1.45	1.72	20.81	ppb
Molybdenum	94-1	0.30	0.26	0.31	0.29	7.75	ppb
Molybdenum	95-1	0.46	0.37	0.43	0.42	10.75	ppb
Molybdenum	96-1	0.34	0.41	0.43	0.39	12.17	ppb
Molybdenum	97-1	0.91	0.95	0.84	0.90	5.99	ppb
Molybdenum	98-1	0.36	0.37	0.46	0.40	13.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	2.12	2.29	2.14	7.01	ppb
Phosphorus	31-2	-14.02	27.60	-34.50	-6.97		ppb
Potassium	39-2	1516.39	1482.69	1545.77	1514.95	2.08	ppb
Rhodium	103-1				90		%
Rhodium	103-2				79		%
Scandium	45-1				70		%
Scandium	45-2				63		%
Selenium	77-2	5.73	0.00	11.52	5.75	100.17	ppb
Selenium	78-2	1.40	3.27	3.25	2.64	40.58	ppb
Selenium	82-1	-0.59	1.29	-0.53	0.06	1822.43	ppb
Silicon	28-1	5774.63	5685.79	5577.67	5679.37	1.74	ppb
Silver	109-1	0.39	0.49	0.46	0.45	12.22	ppb
Silver	107-1	0.38	0.40	0.37	0.39	4.35	ppb
Sodium	23-2	86550.87	86451.38	86047.88	86350.04	0.31	ppb
Strontium	86-1	173.27	169.81	170.10	171.06	1.12	ppb
Strontium	88-1	179.69	180.29	179.97	179.98	0.17	ppb
Sulfur	34-1	4043.86	3805.29	4418.88	4089.34	7.56	ppb
Terbium	159-1				113		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.76	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	49.86	ppb
Tin	118-1	0.96	1.15	0.99	1.03	9.93	ppb
Titanium	47-1	0.54	0.43	0.44	0.47	12.93	ppb
Uranium	238-1	0.56	0.60	0.59	0.58	3.63	ppb
Vanadium	51-2	1.56	1.61	1.26	1.48	12.60	ppb
Yttrium	89-1				90		%
Yttrium	89-2				69		%
Zinc	66-2	7.07	8.10	7.82	7.66	6.97	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:59:53	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	20.39	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	196.67	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50658.59	50324.02	50386.18	50456.27	0.35	ppb
Antimony	121-1	494.89	490.51	499.64	495.01	0.92	ppb
Arsenic	75-2	542.70	528.73	530.50	533.97	1.43	ppb
Barium	135-1	2510.31	2470.66	2518.31	2499.76	1.02	ppb
Barium	137-1	2529.51	2479.57	2501.21	2503.43	1.00	ppb
Beryllium	9-1	586.60	577.93	585.35	583.29	0.80	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	594.88	582.97	596.91	591.59	1.27	ppb
Boron	11-1	585.79	571.71	588.60	582.03	1.55	ppb
Cadmium	111-1	481.04	471.26	476.22	476.17	1.03	ppb
Cadmium	106-1	478.30	473.75	462.44	471.49	1.73	ppb
Cadmium	108-1	480.79	470.14	484.77	478.57	1.58	ppb
Calcium	43-1	245078.08	242554.41	237267.01	241633.17	1.65	ppb
Calcium	44-1	243307.36	242551.73	238321.32	241393.47	1.11	ppb
Chromium	52-2	557.31	543.63	553.77	551.57	1.29	ppb
Cobalt	59-2	557.60	549.94	551.48	553.01	0.73	ppb
Copper	63-2	1085.97	1068.80	1083.90	1079.56	0.87	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				121		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	56-2	133730.91	133084.18	133888.88	133567.99	0.32	ppb
Iron	57-2	135997.10	135252.70	136300.64	135850.14	0.40	ppb
Krypton	83-1						cps
Lead	206-1	517.38	516.01	517.86	517.08	0.19	ppb
Lead	207-1	518.68	515.33	517.71	517.24	0.33	ppb
Lead	208-1	528.37	523.21	524.44	525.34	0.51	ppb
Lithium	6-1				86		%
Magnesium	24-2	260093.27	259851.01	262593.67	260845.98	0.58	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.98	1050.71	1052.14	1054.28	0.47	ppb
Molybdenum	94-1	2609.84	2595.77	2596.69	2600.77	0.30	ppb
Molybdenum	95-1	2604.24	2618.53	2612.28	2611.68	0.27	ppb
Molybdenum	96-1	2563.19	2602.84	2577.34	2581.12	0.78	ppb
Molybdenum	97-1	2609.49	2621.27	2609.56	2613.44	0.26	ppb
Molybdenum	98-1	2584.26	2620.45	2590.64	2598.45	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	558.59	547.97	559.08	555.21	1.13	ppb
Phosphorus	31-2	9921.43	9923.97	11066.26	10303.89	6.41	ppb
Potassium	39-2	124429.71	124081.61	125188.27	124566.53	0.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				85		%
Selenium	77-2	482.71	512.28	490.88	495.29	3.08	ppb
Selenium	78-2	488.45	510.62	473.43	490.84	3.81	ppb
Selenium	82-1	504.19	505.44	509.32	506.32	0.53	ppb
Silicon	28-1	486.59	492.34	483.25	487.40	0.94	ppb
Silver	109-1	483.16	478.39	481.05	480.87	0.50	ppb
Silver	107-1	476.08	473.97	475.50	475.18	0.23	ppb
Sodium	23-2	261792.97	258672.19	260047.10	260170.76	0.60	ppb
Strontium	86-1	510.03	507.17	507.64	508.28	0.30	ppb
Strontium	88-1	518.83	515.95	516.54	517.11	0.29	ppb
Sulfur	34-1	10555.82	10141.94	9848.24	10182.00	3.49	ppb
Terbium	159-1				120		%
Terbium	159-2				102		%
Thallium	203-1	513.38	504.42	506.52	508.11	0.92	ppb
Thallium	205-1	534.68	535.84	533.35	534.62	0.23	ppb
Tin	118-1	475.25	464.31	472.77	470.78	1.22	ppb
Titanium	47-1	2615.92	2593.09	2561.06	2590.02	1.06	ppb
Uranium	238-1	537.94	537.42	544.94	540.10	0.78	ppb
Vanadium	51-2	557.08	540.60	550.76	549.48	1.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	1103.60	1092.09	1103.92	1099.87	0.61	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.52	516.68	511.33	515.51	0.72	ppb
Zirconium	91-1	504.84	505.36	505.52	505.24	0.07	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	1.64	-0.54	0.30	392.19	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	6.78	ppb
Arsenic	75-2	-0.07	-0.05	-0.01	-0.05		ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	0.02	0.00	0.01	0.01	121.64	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	20.59	ppb
Bismuth	209-1				121		%
Bismuth	209-2				106		%
Boron	10-1	5.37	5.26	6.18	5.61	9.00	ppb
Boron	11-1	6.02	5.66	6.17	5.95	4.45	ppb
Cadmium	111-1	-0.01	-0.08	-0.01	-0.03		ppb
Cadmium	106-1	-0.27	-1.19	-0.06	-0.51		ppb
Cadmium	108-1	-0.22	-0.03	-0.09	-0.11		ppb
Calcium	43-1	-6.30	-8.94	-5.59	-6.94		ppb
Calcium	44-1	-44.10	-47.73	-44.74	-45.52		ppb
Chromium	52-2	0.41	0.25	0.10	0.26	61.16	ppb
Cobalt	59-2	-0.02	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.10	0.10	0.05	0.08	31.98	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				117		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	56-2	1.26	1.13	1.35	1.24	8.87	ppb
Iron	57-2	0.00	1.35	1.82	1.05	89.76	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.26	0.22	0.26	13.44	ppb
Lead	207-1	0.30	0.32	0.26	0.29	11.53	ppb
Lead	208-1	0.28	0.28	0.23	0.27	10.58	ppb
Lithium	6-1				84		%
Magnesium	24-2	1.92	2.22	3.14	2.43	26.04	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.08	0.08	0.12	58.11	ppb
Molybdenum	94-1	0.04	0.07	0.10	0.07	44.52	ppb
Molybdenum	95-1	0.09	0.07	0.09	0.08	17.33	ppb
Molybdenum	96-1	0.09	0.13	0.05	0.09	42.07	ppb
Molybdenum	97-1	0.26	0.27	0.23	0.25	7.40	ppb
Molybdenum	98-1	0.06	0.07	0.08	0.07	16.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.11	0.03	0.08	55.84	ppb
Phosphorus	31-2	-34.50	-19.00	-34.50	-29.33		ppb
Potassium	39-2	20.58	14.99	33.55	23.04	41.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				83		%
Selenium	77-2	0.00	4.60	0.00	1.53	173.21	ppb
Selenium	78-2	-0.42	1.05	1.75	0.79	140.42	ppb
Selenium	82-1	-1.66	-1.61	0.30	-0.99		ppb
Silicon	28-1	-26.01	-25.77	-25.66	-25.81		ppb
Silver	109-1	0.04	0.02	0.04	0.03	26.47	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.64	ppb
Sodium	23-2	111.40	104.14	102.61	106.05	4.43	ppb
Strontium	86-1	0.01	-0.20	-0.16	-0.11		ppb
Strontium	88-1	0.00	0.01	0.01	0.00	70.51	ppb
Sulfur	34-1	-137.28	44.44	308.39	71.85	311.88	ppb
Terbium	159-1				117		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.11	0.08	0.09	15.65	ppb
Thallium	205-1	0.07	0.10	0.10	0.09	15.04	ppb
Tin	118-1	0.01	0.00	0.00	0.00	559.32	ppb
Titanium	47-1	0.00	-0.08	-0.14	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	136.69	ppb
Vanadium	51-2	-0.02	0.03	-0.02	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				87		%
Zinc	66-2	-0.11	-0.06	-0.03	-0.07		ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	41.16	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	97.66	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:21:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	643.74	641.35	672.37	652.49	2.65	ppb
Antimony	121-1	1.25	1.21	1.19	1.22	2.34	ppb
Arsenic	75-2	2.18	2.22	2.37	2.26	4.56	ppb
Barium	135-1	23.07	22.31	22.26	22.55	2.00	ppb
Barium	137-1	22.40	22.76	23.10	22.75	1.54	ppb
Beryllium	9-1	0.14	0.10	0.05	0.09	48.73	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	198.11	185.98	167.65	183.91	8.34	ppb
Boron	11-1	194.91	179.62	166.43	180.32	7.90	ppb
Cadmium	111-1	0.56	0.65	0.62	0.61	7.76	ppb
Cadmium	106-1	1.31	1.95	3.00	2.08	40.90	ppb
Cadmium	108-1	1.78	1.71	1.95	1.81	6.75	ppb
Calcium	43-1	28005.71	27827.04	27582.04	27804.93	0.76	ppb
Calcium	44-1	28061.32	28275.61	27715.99	28017.64	1.01	ppb
Chromium	52-2	1047.43	1042.84	1059.97	1050.08	0.84	ppb
Cobalt	59-2	22.00	22.11	22.19	22.10	0.43	ppb
Copper	63-2	99.86	98.55	100.38	99.60	0.95	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				109		%
Holmium	165-2				85		%
Indium	115-1				97		%
Indium	115-2				72		%
Iron	56-2	69930.67	69865.62	69326.05	69707.45	0.48	ppb
Iron	57-2	69303.61	68114.42	69728.86	69048.96	1.21	ppb
Krypton	83-1						cps
Lead	206-1	2.69	2.93	2.65	2.76	5.48	ppb
Lead	207-1	2.71	2.33	2.64	2.56	7.94	ppb
Lead	208-1	2.61	2.48	2.51	2.53	2.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	8164.46	8016.62	8103.89	8094.99	0.92	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:21:15 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23435.85	22937.81	23364.41	23246.02	1.16	ppb
Molybdenum	94-1	30.92	32.66	31.98	31.85	2.75	ppb
Molybdenum	95-1	2.65	2.60	2.86	2.70	5.12	ppb
Molybdenum	96-1	6.11	6.10	6.36	6.19	2.37	ppb
Molybdenum	97-1	2.91	3.12	2.63	2.89	8.49	ppb
Molybdenum	98-1	2.57	2.64	2.64	2.62	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.93	67.09	65.76	66.26	1.09	ppb
Phosphorus	31-2	784.58	804.49	733.01	774.03	4.77	ppb
Potassium	39-2	11050.82	11170.10	11209.13	11143.35	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				78		%
Scandium	45-1				72		%
Scandium	45-2				63		%
Selenium	77-2	5.64	0.00	17.11	7.58	114.98	ppb
Selenium	78-2	0.48	3.24	3.22	2.31	68.79	ppb
Selenium	82-1	-1.86	-1.84	-1.57	-1.76		ppb
Silicon	28-1	6237.85	6415.15	6264.82	6305.94	1.52	ppb
Silver	109-1	4.27	4.01	4.02	4.10	3.61	ppb
Silver	107-1	4.04	4.04	4.05	4.04	0.21	ppb
Sodium	23-2	244498.33	242703.99	243846.14	243682.82	0.37	ppb
Strontium	86-1	234.89	231.81	237.19	234.63	1.15	ppb
Strontium	88-1	237.87	241.59	243.91	241.13	1.26	ppb
Sulfur	34-1	9620.73	8884.55	8054.98	8853.42	8.85	ppb
Terbium	159-1				109		%
Terbium	159-2				84		%
Thallium	203-1	0.25	0.13	0.10	0.16	50.77	ppb
Thallium	205-1	0.17	0.13	0.14	0.15	15.94	ppb
Tin	118-1	2.03	2.06	2.27	2.12	6.28	ppb
Titanium	47-1	3.06	4.17	3.45	3.56	15.76	ppb
Uranium	238-1	0.10	0.10	0.08	0.09	10.97	ppb
Vanadium	51-2	1.31	1.16	1.10	1.19	8.88	ppb
Yttrium	89-1				90		%
Yttrium	89-2				70		%
Zinc	66-2	102.35	95.22	97.86	98.48	3.66	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:21:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	19.78	19.77	19.92	19.82	0.44	ppb
Zirconium	91-1	19.39	20.34	19.49	19.74	2.64	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:24:40 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1988.16	1952.18	1970.59	1970.31	0.91	ppb
Antimony	121-1	1.93	1.91	2.32	2.05	11.22	ppb
Arsenic	75-2	2.96	2.65	2.46	2.69	9.40	ppb
Barium	135-1	12.32	12.73	11.75	12.27	4.01	ppb
Barium	137-1	12.27	11.73	11.70	11.90	2.67	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	25.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				86		%
Boron	10-1	28.34	30.70	30.66	29.90	4.51	ppb
Boron	11-1	28.72	27.15	25.94	27.27	5.10	ppb
Cadmium	111-1	0.24	0.31	0.22	0.26	18.63	ppb
Cadmium	106-1	0.74	0.59	0.01	0.45	85.92	ppb
Cadmium	108-1	1.66	0.88	0.83	1.12	41.54	ppb
Calcium	43-1	4264.77	4184.66	4256.66	4235.36	1.04	ppb
Calcium	44-1	4297.24	4313.84	4266.20	4292.43	0.56	ppb
Chromium	52-2	7173.96	7319.91	7259.51	7251.13	1.01	ppb
Cobalt	59-2	1.24	1.31	1.17	1.24	5.70	ppb
Copper	63-2	258.35	259.51	264.96	260.94	1.35	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				111		%
Holmium	165-2				85		%
Indium	115-1				96		%
Indium	115-2				69		%
Iron	56-2	1250.77	1262.72	1263.58	1259.02	0.57	ppb
Iron	57-2	1252.72	1274.08	1280.79	1269.20	1.16	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.77	1.86	1.83	2.53	ppb
Lead	207-1	1.52	1.71	1.60	1.61	5.98	ppb
Lead	208-1	1.68	1.65	1.67	1.67	1.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	2058.95	2075.59	2130.89	2088.48	1.80	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:24:40	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	117.68	116.79	119.30	117.92	1.08	ppb
Molybdenum	94-1	24.61	25.29	24.12	24.67	2.38	ppb
Molybdenum	95-1	2.58	2.42	2.90	2.63	9.29	ppb
Molybdenum	96-1	5.12	5.26	5.41	5.26	2.79	ppb
Molybdenum	97-1	3.26	3.24	3.35	3.29	1.74	ppb
Molybdenum	98-1	2.71	2.80	2.71	2.74	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.15	21.01	22.33	21.50	3.36	ppb
Phosphorus	31-2	755.44	554.90	538.18	616.17	19.62	ppb
Potassium	39-2	759.78	784.46	809.21	784.48	3.15	ppb
Rhodium	103-1				88		%
Rhodium	103-2				78		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	0.00	0.00	11.70	3.90	173.21	ppb
Selenium	78-2	2.36	1.43	0.51	1.43	64.50	ppb
Selenium	82-1	1.61	3.22	3.73	2.86	38.78	ppb
Silicon	28-1	1272.73	1267.23	1229.60	1256.52	1.87	ppb
Silver	109-1	16.66	16.42	17.00	16.69	1.72	ppb
Silver	107-1	17.06	16.66	17.05	16.92	1.35	ppb
Sodium	23-2	348673.94	349516.01	359673.59	352621.18	1.74	ppb
Strontium	86-1	16.57	16.33	15.71	16.21	2.73	ppb
Strontium	88-1	16.47	16.57	16.20	16.41	1.15	ppb
Sulfur	34-1	-1050.73	-1935.02	-2825.47	-1937.07		ppb
Terbium	159-1				110		%
Terbium	159-2				84		%
Thallium	203-1	0.04	0.03	0.05	0.04	30.92	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	20.40	ppb
Tin	118-1	1.41	1.30	1.27	1.33	5.58	ppb
Titanium	47-1	3.35	3.71	3.57	3.54	5.14	ppb
Uranium	238-1	0.58	0.57	0.58	0.57	1.12	ppb
Vanadium	51-2	3.38	3.94	3.37	3.56	9.12	ppb
Yttrium	89-1				89		%
Yttrium	89-2				69		%
Zinc	66-2	19.09	18.41	18.82	18.78	1.83	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:24:40	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	15.26	15.05	14.84	15.05	1.38	ppb
Zirconium	91-1	15.96	15.05	15.27	15.43	3.08	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:28:07 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.41	80.22	65.32	71.65	10.74	ppb
Antimony	121-1	2.27	2.19	2.38	2.28	4.33	ppb
Arsenic	75-2	0.86	0.72	0.79	0.79	8.93	ppb
Barium	135-1	171.24	168.94	171.26	170.48	0.78	ppb
Barium	137-1	171.74	173.87	172.26	172.62	0.64	ppb
Beryllium	9-1	0.00	-0.02	0.00	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				88		%
Boron	10-1	29.33	33.93	29.86	31.04	8.10	ppb
Boron	11-1	29.73	29.09	28.67	29.16	1.83	ppb
Cadmium	111-1	-0.08	0.01	0.03	-0.01		ppb
Cadmium	106-1	-1.32	-0.05	0.25	-0.37		ppb
Cadmium	108-1	-0.09	-0.02	0.04	-0.02		ppb
Calcium	43-1	88288.25	89306.37	88432.83	88675.82	0.62	ppb
Calcium	44-1	89408.89	91300.83	89571.51	90093.74	1.16	ppb
Chromium	52-2	2362.69	2390.25	2344.48	2365.81	0.97	ppb
Cobalt	59-2	0.16	0.17	0.20	0.18	12.91	ppb
Copper	63-2	5.32	5.28	5.30	5.30	0.32	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				114		%
Holmium	165-2				85		%
Indium	115-1				99		%
Indium	115-2				70		%
Iron	56-2	97.82	97.61	96.69	97.38	0.62	ppb
Iron	57-2	101.91	102.95	82.25	95.70	12.18	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.49	0.39	0.46	13.32	ppb
Lead	207-1	0.48	0.40	0.50	0.46	11.51	ppb
Lead	208-1	0.46	0.45	0.45	0.45	1.98	ppb
Lithium	6-1				114		%
Magnesium	24-2	17461.55	17408.98	17095.56	17322.03	1.14	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:28:07 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.36	22.35	21.78	22.16	1.51	ppb
Molybdenum	94-1	1.87	1.99	2.17	2.01	7.51	ppb
Molybdenum	95-1	2.61	2.77	2.67	2.68	3.10	ppb
Molybdenum	96-1	2.51	2.57	2.80	2.63	5.93	ppb
Molybdenum	97-1	3.17	3.40	3.13	3.23	4.43	ppb
Molybdenum	98-1	2.59	2.62	2.75	2.66	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.02	3.78	3.87	3.89	3.12	ppb
Phosphorus	31-2	-34.50	8.22	48.31	7.34	563.85	ppb
Potassium	39-2	1948.49	1974.99	1899.29	1940.93	1.98	ppb
Rhodium	103-1				90		%
Rhodium	103-2				78		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	11.70	0.00	0.00	3.90	173.21	ppb
Selenium	78-2	4.24	1.46	3.33	3.01	47.08	ppb
Selenium	82-1	-0.69	-3.34	-0.76	-1.59		ppb
Silicon	28-1	6258.78	6438.44	6305.06	6334.09	1.47	ppb
Silver	109-1	0.34	0.34	0.31	0.33	5.24	ppb
Silver	107-1	0.32	0.27	0.36	0.32	13.14	ppb
Sodium	23-2	95639.28	94000.10	93381.73	94340.37	1.24	ppb
Strontium	86-1	134.62	133.72	140.84	136.39	2.84	ppb
Strontium	88-1	134.11	134.56	136.31	134.99	0.86	ppb
Sulfur	34-1	2783.16	3458.63	3009.57	3083.79	11.15	ppb
Terbium	159-1				112		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.01	0.02	0.02	37.69	ppb
Thallium	205-1	0.02	0.02	0.00	0.02	70.62	ppb
Tin	118-1	1.01	0.89	1.22	1.04	16.57	ppb
Titanium	47-1	1.63	1.74	2.46	1.94	23.14	ppb
Uranium	238-1	0.26	0.25	0.25	0.25	2.06	ppb
Vanadium	51-2	1.99	2.04	1.94	1.99	2.46	ppb
Yttrium	89-1				88		%
Yttrium	89-2				68		%
Zinc	66-2	14.80	14.46	14.04	14.43	2.67	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:28:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.09	0.09	2.99	ppb
Zirconium	91-1	0.10	0.17	0.11	0.13	32.18	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:31:34 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.62	35.75	30.92	32.10	10.06	ppb
Antimony	121-1	1.96	1.93	1.98	1.96	1.14	ppb
Arsenic	75-2	1.57	1.01	1.25	1.28	22.18	ppb
Barium	135-1	32.28	33.09	29.87	31.75	5.27	ppb
Barium	137-1	31.60	32.60	30.48	31.56	3.36	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	20.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				87		%
Boron	10-1	1029.50	1016.99	966.07	1004.18	3.35	ppb
Boron	11-1	1013.70	990.60	966.92	990.41	2.36	ppb
Cadmium	111-1	-0.12	-0.03	-0.03	-0.06		ppb
Cadmium	106-1	-2.20	-1.12	-0.80	-1.37		ppb
Cadmium	108-1	-0.01	0.12	0.17	0.09	96.87	ppb
Calcium	43-1	50820.88	49652.76	46597.65	49023.76	4.45	ppb
Calcium	44-1	51401.37	50194.03	46939.73	49511.71	4.66	ppb
Chromium	52-2	39.11	39.12	39.86	39.36	1.09	ppb
Cobalt	59-2	1.18	1.24	1.22	1.21	2.46	ppb
Copper	63-2	21.54	21.84	21.92	21.77	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				110		%
Holmium	165-2				85		%
Indium	115-1				94		%
Indium	115-2				70		%
Iron	56-2	2316.49	2312.14	2323.80	2317.47	0.25	ppb
Iron	57-2	2345.28	2314.99	2386.58	2348.95	1.53	ppb
Krypton	83-1						cps
Lead	206-1	0.86	1.02	0.87	0.91	9.71	ppb
Lead	207-1	0.71	0.87	0.76	0.78	10.92	ppb
Lead	208-1	0.79	0.89	0.77	0.82	7.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	19926.43	20069.15	20138.63	20044.74	0.54	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:31:34 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2180.38	2153.59	2173.43	2169.13	0.64	ppb
Molybdenum	94-1	6.53	6.35	6.09	6.33	3.48	ppb
Molybdenum	95-1	7.74	8.03	7.84	7.87	1.83	ppb
Molybdenum	96-1	7.80	7.78	6.72	7.43	8.32	ppb
Molybdenum	97-1	8.69	8.34	8.33	8.46	2.43	ppb
Molybdenum	98-1	8.12	8.42	7.42	7.99	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	3.22	3.59	3.25	9.93	ppb
Phosphorus	31-2	411.83	218.26	261.49	297.19	34.19	ppb
Potassium	39-2	3975.58	4078.39	4116.62	4056.86	1.80	ppb
Rhodium	103-1				85		%
Rhodium	103-2				77		%
Scandium	45-1				67		%
Scandium	45-2				61		%
Selenium	77-2	5.98	5.84	0.00	3.94	86.62	ppb
Selenium	78-2	-0.42	1.44	1.43	0.81	131.78	ppb
Selenium	82-1	-5.15	-3.33	-4.30	-4.26		ppb
Silicon	28-1	18572.55	18172.61	16922.69	17889.28	4.81	ppb
Silver	109-1	0.60	0.73	0.71	0.68	10.32	ppb
Silver	107-1	0.60	0.61	0.65	0.62	4.15	ppb
Sodium	23-2	437580.61	432674.47	438831.11	436362.06	0.75	ppb
Strontium	86-1	595.80	587.96	562.63	582.13	2.98	ppb
Strontium	88-1	612.64	609.44	583.91	602.00	2.62	ppb
Sulfur	34-1	211.87	-590.25	-1598.27	-658.88		ppb
Terbium	159-1				108		%
Terbium	159-2				83		%
Thallium	203-1	0.01	0.03	0.00	0.01	115.99	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	114.88	ppb
Tin	118-1	1.19	1.06	1.12	1.12	5.75	ppb
Titanium	47-1	2.25	2.33	2.31	2.30	1.79	ppb
Uranium	238-1	1.03	1.05	0.95	1.01	5.33	ppb
Vanadium	51-2	1.88	1.82	2.06	1.92	6.60	ppb
Yttrium	89-1				86		%
Yttrium	89-2				68		%
Zinc	66-2	7.73	7.43	7.01	7.39	4.87	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:31:34	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.64	0.67	0.63	0.65	3.54	ppb
Zirconium	91-1	0.61	0.61	0.65	0.63	3.65	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.38	6.87	5.23	5.83	15.52	ppb
Antimony	121-1	0.53	0.54	0.53	0.53	1.86	ppb
Arsenic	75-2	0.15	0.11	0.11	0.12	20.79	ppb
Barium	135-1	33.31	33.08	34.00	33.46	1.43	ppb
Barium	137-1	32.64	32.89	32.30	32.61	0.92	ppb
Beryllium	9-1	0.01	0.00	0.04	0.02	146.93	ppb
Bismuth	209-1				127		%
Bismuth	209-2				97		%
Boron	10-1	22.23	21.61	20.78	21.54	3.36	ppb
Boron	11-1	22.34	21.07	20.85	21.42	3.77	ppb
Cadmium	111-1	-0.13	-0.03	-0.10	-0.09		ppb
Cadmium	106-1	-2.23	-1.03	-2.10	-1.79		ppb
Cadmium	108-1	0.08	-0.16	-0.03	-0.04		ppb
Calcium	43-1	17988.17	18024.53	17849.03	17953.91	0.52	ppb
Calcium	44-1	18713.05	18369.38	18135.12	18405.85	1.58	ppb
Chromium	52-2	544.07	545.89	550.84	546.93	0.64	ppb
Cobalt	59-2	0.08	0.08	0.10	0.09	11.99	ppb
Copper	63-2	1.36	1.38	1.28	1.34	3.85	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				120		%
Holmium	165-2				93		%
Indium	115-1				108		%
Indium	115-2				80		%
Iron	56-2	8.27	7.87	10.38	8.84	15.27	ppb
Iron	57-2	13.08	13.39	13.59	13.35	1.91	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.14	0.14	9.34	ppb
Lead	207-1	0.15	0.15	0.22	0.17	22.63	ppb
Lead	208-1	0.14	0.14	0.17	0.15	10.19	ppb
Lithium	6-1				78		%
Magnesium	24-2	3720.88	3661.93	3754.27	3712.36	1.26	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	92.75	96.00	94.70	94.48	1.73	ppb
Molybdenum	94-1	0.05	0.05	0.08	0.06	36.40	ppb
Molybdenum	95-1	0.08	0.09	0.07	0.08	11.55	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	11.22	ppb
Molybdenum	97-1	0.42	0.42	0.44	0.43	2.78	ppb
Molybdenum	98-1	0.09	0.09	0.11	0.10	13.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.38	0.54	0.48	18.08	ppb
Phosphorus	31-2	-16.31	-34.50	-15.89	-22.23		ppb
Potassium	39-2	317.57	343.64	351.15	337.45	5.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	0.40	0.41	0.40	0.51	ppb
Selenium	82-1	-1.00	-1.34	-2.76	-1.70		ppb
Silicon	28-1	1091.40	1108.05	1092.10	1097.19	0.86	ppb
Silver	109-1	0.09	0.08	0.08	0.08	7.29	ppb
Silver	107-1	0.09	0.07	0.10	0.09	20.29	ppb
Sodium	23-2	16567.59	16525.28	16759.48	16617.45	0.75	ppb
Strontium	86-1	29.64	28.95	29.89	29.50	1.66	ppb
Strontium	88-1	29.48	29.04	28.97	29.16	0.94	ppb
Sulfur	34-1	-1514.33	-1336.89	-1345.43	-1398.88		ppb
Terbium	159-1				120		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.01	0.00	0.01	47.01	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	56.60	ppb
Tin	118-1	0.06	0.05	0.41	0.17	117.33	ppb
Titanium	47-1	0.17	0.14	0.11	0.14	21.83	ppb
Uranium	238-1	0.07	0.06	0.05	0.06	20.02	ppb
Vanadium	51-2	0.30	0.24	0.32	0.29	14.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				77		%
Zinc	66-2	6.76	6.57	6.73	6.69	1.53	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	65.44	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	19.50	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:40:08 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.16	49.35	45.71	47.07	4.21	ppb
Antimony	121-1	0.46	0.43	0.43	0.44	4.07	ppb
Arsenic	75-2	0.37	0.25	0.26	0.29	23.52	ppb
Barium	135-1	45.82	43.39	44.92	44.71	2.74	ppb
Barium	137-1	45.16	43.51	45.02	44.57	2.05	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	57.09	ppb
Bismuth	209-1				127		%
Bismuth	209-2				98		%
Boron	10-1	18.14	16.22	16.32	16.89	6.40	ppb
Boron	11-1	17.38	16.46	16.38	16.74	3.33	ppb
Cadmium	111-1	-0.12	-0.06	-0.02	-0.07		ppb
Cadmium	106-1	-1.72	-0.98	-0.43	-1.04		ppb
Cadmium	108-1	-0.16	-0.04	-0.22	-0.14		ppb
Calcium	43-1	18561.57	18822.10	18501.14	18628.27	0.92	ppb
Calcium	44-1	18714.99	19128.56	18892.12	18911.89	1.10	ppb
Chromium	52-2	157.58	162.17	156.79	158.84	1.83	ppb
Cobalt	59-2	0.09	0.10	0.08	0.09	12.05	ppb
Copper	63-2	1.31	1.36	1.52	1.40	7.72	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				121		%
Holmium	165-2				93		%
Indium	115-1				106		%
Indium	115-2				80		%
Iron	56-2	99.45	99.08	96.11	98.21	1.87	ppb
Iron	57-2	103.25	108.92	96.98	103.05	5.80	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.20	0.18	11.51	ppb
Lead	207-1	0.16	0.18	0.17	0.17	8.00	ppb
Lead	208-1	0.18	0.17	0.18	0.18	3.53	ppb
Lithium	6-1				79		%
Magnesium	24-2	4917.73	4977.76	4866.74	4920.74	1.13	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:40:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.41	4.10	3.70	3.74	9.25	ppb
Molybdenum	94-1	0.59	0.53	0.61	0.58	7.24	ppb
Molybdenum	95-1	0.47	0.51	0.43	0.47	8.87	ppb
Molybdenum	96-1	0.45	0.41	0.45	0.44	4.66	ppb
Molybdenum	97-1	0.94	0.58	0.67	0.73	25.97	ppb
Molybdenum	98-1	0.37	0.49	0.46	0.44	14.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.73	2.66	2.75	3.68	ppb
Phosphorus	31-2	19.63	21.08	-34.50	2.07	1530.19	ppb
Potassium	39-2	425.60	490.82	423.24	446.55	8.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				88		%
Scandium	45-1				81		%
Scandium	45-2				71		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.04	0.41	2.86	1.77	70.33	ppb
Selenium	82-1	-0.86	-2.16	-1.99	-1.67		ppb
Silicon	28-1	1317.23	1310.95	1314.09	1314.09	0.24	ppb
Silver	109-1	0.17	0.16	0.18	0.17	6.10	ppb
Silver	107-1	0.15	0.16	0.16	0.16	3.75	ppb
Sodium	23-2	14539.54	14828.32	14502.19	14623.35	1.22	ppb
Strontium	86-1	37.52	36.57	37.29	37.13	1.33	ppb
Strontium	88-1	37.71	37.16	37.59	37.49	0.77	ppb
Sulfur	34-1	23.59	-288.96	-518.89	-261.42		ppb
Terbium	159-1				120		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.01	0.00	0.01	99.89	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	926.80	ppb
Tin	118-1	0.06	0.07	0.09	0.07	17.48	ppb
Titanium	47-1	2.95	2.84	2.72	2.84	3.96	ppb
Uranium	238-1	0.08	0.11	0.11	0.10	14.36	ppb
Vanadium	51-2	0.52	0.47	0.40	0.46	13.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				77		%
Zinc	66-2	4.53	4.57	4.85	4.65	3.72	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:40:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.17	0.20	0.17	20.10	ppb
Zirconium	91-1	0.17	0.20	0.15	0.17	13.92	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:43:35	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.24	13.57	6.20	9.00	44.27	ppb
Antimony	121-1	0.49	0.41	0.41	0.43	10.31	ppb
Arsenic	75-2	0.15	0.19	0.13	0.16	20.89	ppb
Barium	135-1	276.41	279.14	274.45	276.67	0.85	ppb
Barium	137-1	280.15	280.24	275.26	278.55	1.02	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	36.35	ppb
Bismuth	209-1				127		%
Bismuth	209-2				98		%
Boron	10-1	36.98	34.65	37.57	36.40	4.25	ppb
Boron	11-1	37.57	39.28	38.24	38.36	2.24	ppb
Cadmium	111-1	0.02	-0.15	0.08	-0.02		ppb
Cadmium	106-1	-0.43	-2.18	0.75	-0.62		ppb
Cadmium	108-1	0.14	0.38	0.37	0.30	46.29	ppb
Calcium	43-1	52343.87	51222.81	51908.63	51825.10	1.09	ppb
Calcium	44-1	52496.56	52221.57	52693.02	52470.39	0.45	ppb
Chromium	52-2	210.15	214.42	211.16	211.91	1.05	ppb
Cobalt	59-2	9.64	10.04	9.80	9.83	2.07	ppb
Copper	63-2	4.40	4.79	4.61	4.60	4.21	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				122		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				79		%
Iron	56-2	8077.79	8128.57	8233.03	8146.46	0.97	ppb
Iron	57-2	7882.75	7982.95	8014.89	7960.20	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.91	0.94	0.92	1.58	ppb
Lead	207-1	0.94	0.87	0.91	0.91	3.85	ppb
Lead	208-1	0.91	0.88	0.92	0.90	2.04	ppb
Lithium	6-1				79		%
Magnesium	24-2	11030.81	11304.72	11190.68	11175.40	1.23	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:43:35	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5363.74	5427.96	5444.11	5411.94	0.79	ppb
Molybdenum	94-1	5.24	5.02	5.06	5.11	2.30	ppb
Molybdenum	95-1	0.09	0.13	0.12	0.11	19.91	ppb
Molybdenum	96-1	0.65	0.72	0.70	0.69	5.36	ppb
Molybdenum	97-1	0.41	0.34	0.52	0.42	21.35	ppb
Molybdenum	98-1	0.06	0.08	0.09	0.08	20.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.54	25.43	25.16	25.38	0.76	ppb
Phosphorus	31-2	-34.50	-34.50	-16.35	-28.45		ppb
Potassium	39-2	536.41	584.00	573.57	564.66	4.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				87		%
Scandium	45-1				82		%
Scandium	45-2				71		%
Selenium	77-2	0.00	5.09	5.12	3.40	86.60	ppb
Selenium	78-2	0.39	-0.42	2.03	0.67	188.03	ppb
Selenium	82-1	-1.23	-1.82	-0.97	-1.34		ppb
Silicon	28-1	3116.32	3080.95	3124.57	3107.28	0.75	ppb
Silver	109-1	0.21	0.19	0.19	0.20	4.96	ppb
Silver	107-1	0.17	0.20	0.23	0.20	15.56	ppb
Sodium	23-2	40654.07	42158.32	41547.58	41453.32	1.83	ppb
Strontium	86-1	81.34	81.61	79.64	80.86	1.32	ppb
Strontium	88-1	81.88	81.72	81.08	81.56	0.52	ppb
Sulfur	34-1	-1374.44	-2084.87	-1765.87	-1741.73		ppb
Terbium	159-1				122		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	0.01	0.00	4029.19	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	323.04	ppb
Tin	118-1	0.15	0.19	0.12	0.15	23.43	ppb
Titanium	47-1	0.32	0.15	0.34	0.27	39.35	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	38.56	ppb
Vanadium	51-2	0.21	0.28	0.34	0.28	22.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				78		%
Zinc	66-2	6.56	5.68	5.65	5.96	8.66	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:43:35	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.33	3.28	3.30	3.30	0.66	ppb
Zirconium	91-1	3.36	3.46	3.37	3.40	1.59	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:47:01	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.55	35.81	34.41	33.92	6.40	ppb
Antimony	121-1	0.35	0.33	0.33	0.34	3.56	ppb
Arsenic	75-2	0.20	0.24	0.13	0.19	29.72	ppb
Barium	135-1	39.25	38.73	38.50	38.82	1.00	ppb
Barium	137-1	39.33	39.12	39.10	39.18	0.33	ppb
Beryllium	9-1	0.12	0.12	0.08	0.11	19.38	ppb
Bismuth	209-1				125		%
Bismuth	209-2				96		%
Boron	10-1	85.19	83.16	81.22	83.19	2.38	ppb
Boron	11-1	86.41	85.28	81.02	84.24	3.37	ppb
Cadmium	111-1	0.19	0.08	0.14	0.13	41.75	ppb
Cadmium	106-1	1.19	-0.55	0.41	0.35	250.57	ppb
Cadmium	108-1	0.50	0.27	0.21	0.33	47.29	ppb
Calcium	43-1	24444.34	24286.22	23778.29	24169.62	1.44	ppb
Calcium	44-1	24814.23	24550.26	24214.76	24526.42	1.22	ppb
Chromium	52-2	118.48	117.15	117.96	117.86	0.57	ppb
Cobalt	59-2	1.59	1.72	1.65	1.65	3.79	ppb
Copper	63-2	7.46	7.78	7.63	7.63	2.08	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				120		%
Holmium	165-2				92		%
Indium	115-1				107		%
Indium	115-2				78		%
Iron	56-2	5459.39	5359.72	5491.07	5436.73	1.26	ppb
Iron	57-2	5135.43	5242.95	5203.80	5194.06	1.05	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.38	0.43	0.41	6.11	ppb
Lead	207-1	0.42	0.39	0.37	0.39	6.12	ppb
Lead	208-1	0.41	0.37	0.38	0.39	4.21	ppb
Lithium	6-1				77		%
Magnesium	24-2	5988.83	6059.75	5910.15	5986.24	1.25	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:47:01	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7127.34	7094.11	7090.30	7103.92	0.29	ppb
Molybdenum	94-1	7.94	7.56	7.69	7.73	2.53	ppb
Molybdenum	95-1	0.32	0.35	0.36	0.34	7.12	ppb
Molybdenum	96-1	1.08	1.18	1.19	1.15	5.66	ppb
Molybdenum	97-1	0.50	0.45	0.65	0.53	19.40	ppb
Molybdenum	98-1	0.34	0.32	0.31	0.33	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.80	15.42	14.99	15.07	2.12	ppb
Phosphorus	31-2	58.46	-15.78	-16.01	8.89	482.93	ppb
Potassium	39-2	738.42	769.80	757.67	755.30	2.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	1.24	1.23	0.96	49.65	ppb
Selenium	82-1	-1.90	-2.46	-2.13	-2.16		ppb
Silicon	28-1	1898.19	1891.05	1845.79	1878.34	1.51	ppb
Silver	109-1	0.13	0.15	0.13	0.14	7.88	ppb
Silver	107-1	0.17	0.12	0.11	0.13	24.51	ppb
Sodium	23-2	51561.16	51098.42	50480.66	51046.75	1.06	ppb
Strontium	86-1	68.82	69.62	67.62	68.69	1.46	ppb
Strontium	88-1	67.30	68.90	67.71	67.97	1.22	ppb
Sulfur	34-1	-331.89	-684.74	-968.99	-661.88		ppb
Terbium	159-1				119		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.75	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	161.65	ppb
Tin	118-1	0.24	0.23	0.24	0.24	2.67	ppb
Titanium	47-1	0.52	0.35	0.46	0.44	19.13	ppb
Uranium	238-1	0.07	0.05	0.05	0.06	23.01	ppb
Vanadium	51-2	0.17	0.05	0.14	0.12	50.23	ppb
Yttrium	89-1				98		%
Yttrium	89-2				77		%
Zinc	66-2	9.42	9.46	10.25	9.71	4.84	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:47:01	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.94	4.93	4.95	4.94	0.13	ppb
Zirconium	91-1	5.09	5.19	4.84	5.04	3.60	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:50:27 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.84	8.12	6.94	7.97	12.00	ppb
Antimony	121-1	0.28	0.30	0.30	0.29	3.26	ppb
Arsenic	75-2	0.18	0.02	0.16	0.12	71.08	ppb
Barium	135-1	30.43	31.19	30.25	30.63	1.63	ppb
Barium	137-1	30.00	31.42	30.31	30.58	2.45	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	5.54	ppb
Bismuth	209-1				128		%
Bismuth	209-2				97		%
Boron	10-1	13.59	11.90	11.00	12.16	10.82	ppb
Boron	11-1	14.31	13.40	13.82	13.85	3.27	ppb
Cadmium	111-1	-0.11	0.03	-0.01	-0.03		ppb
Cadmium	106-1	-2.21	-0.64	-0.88	-1.25		ppb
Cadmium	108-1	-0.22	-0.16	-0.16	-0.18		ppb
Calcium	43-1	16710.36	16701.75	16717.89	16710.00	0.05	ppb
Calcium	44-1	17256.78	17160.06	17422.45	17279.77	0.77	ppb
Chromium	52-2	511.86	522.89	507.47	514.07	1.55	ppb
Cobalt	59-2	0.07	0.07	0.08	0.07	8.23	ppb
Copper	63-2	1.09	1.19	1.13	1.13	4.24	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				119		%
Holmium	165-2				92		%
Indium	115-1				106		%
Indium	115-2				78		%
Iron	56-2	9.52	9.85	10.45	9.94	4.76	ppb
Iron	57-2	11.02	9.59	12.44	11.02	12.94	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.09	0.11	0.12	19.68	ppb
Lead	207-1	0.10	0.10	0.11	0.10	5.47	ppb
Lead	208-1	0.11	0.09	0.10	0.10	8.72	ppb
Lithium	6-1				77		%
Magnesium	24-2	3565.10	3542.94	3558.11	3555.39	0.32	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:50:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	81.95	86.87	83.86	84.23	2.94	ppb
Molybdenum	94-1	-0.04	0.11	0.03	0.03	218.49	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.08	11.21	ppb
Molybdenum	96-1	0.10	0.12	0.09	0.10	14.09	ppb
Molybdenum	97-1	0.34	0.40	0.38	0.37	8.64	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	6.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.44	0.56	0.50	12.00	ppb
Phosphorus	31-2	2.94	-15.59	-34.50	-15.72		ppb
Potassium	39-2	294.77	380.44	337.15	337.45	12.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	5.24	5.29	0.00	3.51	86.60	ppb
Selenium	78-2	2.09	1.26	-0.42	0.98	131.26	ppb
Selenium	82-1	-1.15	-1.72	-2.45	-1.78		ppb
Silicon	28-1	1043.09	1052.84	1052.00	1049.31	0.52	ppb
Silver	109-1	0.08	0.07	0.07	0.08	3.42	ppb
Silver	107-1	0.06	0.05	0.07	0.06	18.15	ppb
Sodium	23-2	15740.02	15584.37	15488.82	15604.41	0.81	ppb
Strontium	86-1	26.56	27.01	26.66	26.74	0.89	ppb
Strontium	88-1	27.16	26.86	27.12	27.05	0.62	ppb
Sulfur	34-1	187.41	16.43	213.56	139.13	76.95	ppb
Terbium	159-1				119		%
Terbium	159-2				90		%
Thallium	203-1	0.00	0.00	0.00	0.00	87.19	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.08	0.05	0.06	33.21	ppb
Titanium	47-1	0.16	0.03	0.24	0.15	73.82	ppb
Uranium	238-1	0.07	0.05	0.06	0.06	17.99	ppb
Vanadium	51-2	0.19	0.26	0.24	0.23	14.58	ppb
Yttrium	89-1				97		%
Yttrium	89-2				76		%
Zinc	66-2	2.30	2.60	2.54	2.48	6.35	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:50:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	99.90	ppb
Zirconium	91-1	0.05	0.01	0.00	0.02	149.84	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:53:54	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	452.66	444.78	444.32	447.25	1.05	ppb
Antimony	121-1	0.41	0.41	0.38	0.40	4.16	ppb
Arsenic	75-2	0.37	0.60	0.42	0.46	25.56	ppb
Barium	135-1	29.98	30.35	31.41	30.58	2.44	ppb
Barium	137-1	30.65	30.48	31.31	30.81	1.43	ppb
Beryllium	9-1	0.08	0.16	0.11	0.12	32.86	ppb
Bismuth	209-1				119		%
Bismuth	209-2				94		%
Boron	10-1	86.60	99.21	90.94	92.25	6.94	ppb
Boron	11-1	92.79	95.41	96.26	94.82	1.91	ppb
Cadmium	111-1	0.38	0.32	0.56	0.42	29.69	ppb
Cadmium	106-1	-0.27	-1.05	1.59	0.09	1484.32	ppb
Cadmium	108-1	0.57	0.15	0.64	0.45	58.53	ppb
Calcium	43-1	18607.83	18259.24	18438.90	18435.33	0.95	ppb
Calcium	44-1	18980.62	18988.88	18956.83	18975.44	0.09	ppb
Chromium	52-2	757.39	723.21	729.94	736.85	2.46	ppb
Cobalt	59-2	6.37	6.24	6.15	6.25	1.78	ppb
Copper	63-2	139.42	135.10	137.20	137.24	1.57	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				122		%
Holmium	165-2				93		%
Indium	115-1				105		%
Indium	115-2				77		%
Iron	56-2	7845.25	7689.33	7594.76	7709.78	1.64	ppb
Iron	57-2	7660.99	7354.05	7417.50	7477.51	2.17	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.61	0.63	0.62	1.55	ppb
Lead	207-1	0.59	0.49	0.49	0.53	11.41	ppb
Lead	208-1	0.55	0.53	0.53	0.53	1.88	ppb
Lithium	6-1				72		%
Magnesium	24-2	5478.48	5415.55	5454.56	5449.53	0.58	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:53:54	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4091.99	3971.06	3957.51	4006.86	1.85	ppb
Molybdenum	94-1	5.53	5.82	5.78	5.71	2.82	ppb
Molybdenum	95-1	2.23	2.21	2.14	2.19	1.96	ppb
Molybdenum	96-1	2.58	2.60	2.62	2.60	0.76	ppb
Molybdenum	97-1	2.48	2.76	2.51	2.58	5.85	ppb
Molybdenum	98-1	2.16	2.09	2.19	2.15	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.13	21.03	20.64	21.27	3.63	ppb
Phosphorus	31-2	242.88	145.38	55.69	147.98	63.27	ppb
Potassium	39-2	1134.44	1140.51	1111.06	1128.67	1.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				71		%
Selenium	77-2	30.81	20.74	0.00	17.18	91.43	ppb
Selenium	78-2	2.04	3.72	0.41	2.05	80.49	ppb
Selenium	82-1	4.39	3.73	3.90	4.01	8.55	ppb
Silicon	28-1	2573.83	2569.18	2572.96	2571.99	0.10	ppb
Silver	109-1	4.58	4.49	4.55	4.54	0.97	ppb
Silver	107-1	4.56	4.50	4.50	4.52	0.77	ppb
Sodium	23-2	247230.89	244064.60	241898.67	244398.05	1.10	ppb
Strontium	86-1	43.11	42.92	43.29	43.11	0.42	ppb
Strontium	88-1	43.67	43.40	43.65	43.57	0.35	ppb
Sulfur	34-1	697.11	436.26	479.86	537.74	25.98	ppb
Terbium	159-1				119		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	0.00	0.00	449.74	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.22	0.23	0.17	0.21	14.83	ppb
Titanium	47-1	4.60	4.78	5.19	4.86	6.27	ppb
Uranium	238-1	0.17	0.16	0.16	0.16	2.79	ppb
Vanadium	51-2	0.68	0.66	0.67	0.67	1.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				77		%
Zinc	66-2	13.85	12.85	13.05	13.25	3.99	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:53:54	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.68	2.78	2.89	2.78	3.80	ppb
Zirconium	91-1	2.76	3.01	2.68	2.82	6.16	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:08:08	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49436.34	49091.29	48539.29	49022.31	0.92	ppb
Antimony	121-1	496.39	484.56	504.54	495.17	2.03	ppb
Arsenic	75-2	528.22	526.77	520.19	525.06	0.81	ppb
Barium	135-1	2526.86	2461.22	2548.53	2512.20	1.81	ppb
Barium	137-1	2482.53	2436.75	2518.61	2479.30	1.65	ppb
Beryllium	9-1	591.15	588.14	590.41	589.90	0.27	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	588.72	598.42	596.32	594.48	0.86	ppb
Boron	11-1	572.08	584.81	584.98	580.62	1.27	ppb
Cadmium	111-1	467.87	462.83	478.27	469.66	1.68	ppb
Cadmium	106-1	482.50	461.14	487.86	477.17	2.96	ppb
Cadmium	108-1	483.31	475.61	486.04	481.65	1.12	ppb
Calcium	43-1	238600.65	238808.49	240304.25	239237.80	0.39	ppb
Calcium	44-1	235337.84	237760.86	236925.77	236674.82	0.52	ppb
Chromium	52-2	537.34	534.53	530.51	534.13	0.64	ppb
Cobalt	59-2	540.19	535.14	533.42	536.25	0.66	ppb
Copper	63-2	1050.59	1047.41	1037.25	1045.08	0.67	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				119		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	56-2	130783.97	129278.07	128713.76	129591.93	0.83	ppb
Iron	57-2	131421.66	132305.73	130099.57	131275.65	0.85	ppb
Krypton	83-1						cps
Lead	206-1	516.62	515.30	511.37	514.43	0.53	ppb
Lead	207-1	516.14	514.36	514.98	515.16	0.18	ppb
Lead	208-1	521.20	523.41	520.32	521.64	0.30	ppb
Lithium	6-1				85		%
Magnesium	24-2	258506.91	255130.15	251812.16	255149.74	1.31	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:08:08	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.53	1018.75	1011.89	1017.06	0.45	ppb
Molybdenum	94-1	2538.11	2580.53	2606.39	2575.01	1.34	ppb
Molybdenum	95-1	2567.00	2634.81	2614.81	2605.54	1.34	ppb
Molybdenum	96-1	2574.19	2580.19	2620.42	2591.60	0.97	ppb
Molybdenum	97-1	2566.02	2599.18	2664.48	2609.89	1.92	ppb
Molybdenum	98-1	2590.71	2607.81	2627.09	2608.53	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.59	537.88	539.35	541.94	1.07	ppb
Phosphorus	31-2	10220.15	10093.25	10177.10	10163.50	0.63	ppb
Potassium	39-2	123659.10	122917.15	119953.50	122176.58	1.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	509.94	478.82	441.99	476.92	7.13	ppb
Selenium	78-2	519.54	481.16	490.03	496.91	4.04	ppb
Selenium	82-1	503.83	504.01	508.29	505.37	0.50	ppb
Silicon	28-1	474.13	485.92	486.89	482.32	1.47	ppb
Silver	109-1	474.49	463.67	480.77	472.98	1.83	ppb
Silver	107-1	473.02	467.48	485.33	475.28	1.92	ppb
Sodium	23-2	256859.53	255517.92	252559.10	254978.85	0.86	ppb
Strontium	86-1	501.22	504.81	509.80	505.28	0.85	ppb
Strontium	88-1	503.07	521.23	520.32	514.87	1.99	ppb
Sulfur	34-1	10570.15	11194.21	10792.25	10852.20	2.91	ppb
Terbium	159-1				119		%
Terbium	159-2				101		%
Thallium	203-1	501.24	500.34	506.48	502.69	0.66	ppb
Thallium	205-1	539.66	537.68	535.81	537.72	0.36	ppb
Tin	118-1	471.09	455.16	475.25	467.17	2.27	ppb
Titanium	47-1	2544.12	2537.02	2519.47	2533.54	0.50	ppb
Uranium	238-1	534.67	534.73	530.75	533.38	0.43	ppb
Vanadium	51-2	535.55	534.01	533.02	534.20	0.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	1060.84	1058.57	1051.42	1056.94	0.47	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:08:08	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.79	514.53	518.55	514.96	0.66	ppb
Zirconium	91-1	491.79	498.49	497.10	495.79	0.71	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 18:13:25 DataFile Name : 065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.43	-0.15	2.03	2.10	108.95	ppb
Antimony	121-1	0.13	0.16	0.15	0.14	10.99	ppb
Arsenic	75-2	0.07	0.01	-0.05	0.01	816.85	ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	20.13	ppb
Bismuth	209-1				123		%
Bismuth	209-2				107		%
Boron	10-1	7.16	6.72	5.80	6.56	10.54	ppb
Boron	11-1	7.05	6.53	6.14	6.58	6.96	ppb
Cadmium	111-1	-0.01	-0.19	-0.07	-0.09		ppb
Cadmium	106-1	-0.14	-2.58	-0.77	-1.17		ppb
Cadmium	108-1	-0.09	-0.16	0.03	-0.07		ppb
Calcium	43-1	-4.39	-2.92	-0.93	-2.75		ppb
Calcium	44-1	-37.21	-41.71	-37.32	-38.75		ppb
Chromium	52-2	0.30	0.09	-0.08	0.10	181.74	ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.11	0.07	0.11	0.09	23.50	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				117		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	2.03	3.03	2.16	2.41	22.56	ppb
Iron	57-2	2.91	5.89	3.61	4.14	37.70	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.37	0.38	0.35	13.85	ppb
Lead	207-1	0.29	0.34	0.30	0.31	9.25	ppb
Lead	208-1	0.30	0.33	0.33	0.32	5.34	ppb
Lithium	6-1				85		%
Magnesium	24-2	1.88	4.05	0.80	2.25	73.70	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:13:25	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.27	0.14	0.26	0.22	32.09	ppb
Molybdenum	94-1	0.10	0.13	0.07	0.10	31.75	ppb
Molybdenum	95-1	0.08	0.08	0.14	0.10	35.27	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	12.49	ppb
Molybdenum	97-1	0.32	0.25	0.18	0.25	27.48	ppb
Molybdenum	98-1	0.07	0.13	0.09	0.09	33.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.01	0.01	359.64	ppb
Phosphorus	31-2	-18.70	-34.50	-3.41	-18.87		ppb
Potassium	39-2	50.59	48.60	35.31	44.83	18.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.42	-0.42	-0.42		ppb
Selenium	82-1	-1.46	-0.52	-1.88	-1.29		ppb
Silicon	28-1	-26.17	-27.51	-25.97	-26.55		ppb
Silver	109-1	0.03	0.03	0.02	0.03	27.13	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.94	ppb
Sodium	23-2	151.33	145.22	123.90	140.15	10.28	ppb
Strontium	86-1	-0.09	-0.07	-0.05	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	93.25	ppb
Sulfur	34-1	760.29	749.58	731.16	747.01	1.97	ppb
Terbium	159-1				117		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.08	0.12	0.11	23.60	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	5.53	ppb
Tin	118-1	0.01	0.02	0.01	0.01	48.27	ppb
Titanium	47-1	0.00	-0.03	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	253.69	ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				87		%
Zinc	66-2	-0.10	-0.11	0.03	-0.06		ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:13:25	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	253.56	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	46.57	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:16:53	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.59	8.18	2.95	153.53	ppb
Antimony	121-1	0.28	0.26	0.24	0.26	7.35	ppb
Arsenic	75-2	0.19	0.00	0.15	0.11	90.78	ppb
Barium	135-1	30.17	29.86	30.19	30.07	0.61	ppb
Barium	137-1	29.99	29.09	30.71	29.93	2.71	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	31.51	ppb
Bismuth	209-1				119		%
Bismuth	209-2				98		%
Boron	10-1	14.92	11.64	13.45	13.34	12.29	ppb
Boron	11-1	13.67	13.04	12.87	13.19	3.19	ppb
Cadmium	111-1	-0.12	-0.14	-0.03	-0.10		ppb
Cadmium	106-1	-1.75	-2.23	-0.79	-1.59		ppb
Cadmium	108-1	-0.03	-0.15	-0.03	-0.07		ppb
Calcium	43-1	15777.97	15833.54	15961.42	15857.65	0.59	ppb
Calcium	44-1	16154.34	16117.24	16529.39	16266.99	1.40	ppb
Chromium	52-2	458.05	466.03	458.60	460.89	0.97	ppb
Cobalt	59-2	-0.03	0.00	0.01	-0.01		ppb
Copper	63-2	1.34	1.31	1.26	1.30	3.18	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				116		%
Holmium	165-2				94		%
Indium	115-1				106		%
Indium	115-2				81		%
Iron	56-2	4.70	3.68	3.84	4.07	13.44	ppb
Iron	57-2	10.66	7.20	5.05	7.63	37.07	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.14	0.16	0.20	41.67	ppb
Lead	207-1	0.17	0.22	0.19	0.20	12.92	ppb
Lead	208-1	0.19	0.18	0.16	0.18	9.86	ppb
Lithium	6-1				74		%
Magnesium	24-2	3972.01	3968.69	3915.16	3951.95	0.81	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-15DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:16:53 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.47	0.33	0.57	0.46	26.23	ppb
Molybdenum	94-1	0.06	0.08	0.05	0.06	23.92	ppb
Molybdenum	95-1	0.09	0.10	0.14	0.11	28.25	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	3.35	ppb
Molybdenum	97-1	0.26	0.23	0.35	0.28	20.92	ppb
Molybdenum	98-1	0.08	0.06	0.08	0.08	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.47	0.49	0.47	3.64	ppb
Phosphorus	31-2	1.30	-16.45	-16.53	-10.56		ppb
Potassium	39-2	340.32	346.91	341.31	342.84	1.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				83		%
Scandium	45-2				72		%
Selenium	77-2	5.10	5.14	10.29	6.84	43.56	ppb
Selenium	78-2	0.39	1.22	0.40	0.67	71.41	ppb
Selenium	82-1	-3.05	-2.59	-0.52	-2.05		ppb
Silicon	28-1	1078.67	1083.30	1077.64	1079.87	0.28	ppb
Silver	109-1	0.28	0.33	0.32	0.31	8.70	ppb
Silver	107-1	0.32	0.30	0.35	0.32	8.75	ppb
Sodium	23-2	16285.03	16347.06	16205.80	16279.30	0.43	ppb
Strontium	86-1	32.58	31.68	31.39	31.88	1.94	ppb
Strontium	88-1	31.86	31.95	31.57	31.79	0.63	ppb
Sulfur	34-1	1253.44	1149.04	1297.58	1233.35	6.19	ppb
Terbium	159-1				116		%
Terbium	159-2				92		%
Thallium	203-1	0.25	0.20	0.23	0.23	10.83	ppb
Thallium	205-1	0.28	0.20	0.14	0.21	33.68	ppb
Tin	118-1	0.07	0.06	0.03	0.05	40.58	ppb
Titanium	47-1	-0.03	0.04	0.10	0.04	171.73	ppb
Uranium	238-1	0.09	0.11	0.11	0.10	14.09	ppb
Vanadium	51-2	0.37	0.42	0.33	0.37	12.36	ppb
Yttrium	89-1				97		%
Yttrium	89-2				78		%
Zinc	66-2	1.99	1.21	1.52	1.57	24.82	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:16:53	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.01	45.03	ppb
Zirconium	91-1	0.05	-0.02	0.03	0.02	152.34	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:20:20 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	144.58	115.50	130.37	130.15	11.17	ppb
Antimony	121-1	0.20	0.23	0.21	0.21	6.98	ppb
Arsenic	75-2	0.33	0.24	0.35	0.31	19.04	ppb
Barium	135-1	4.41	4.35	4.25	4.33	1.85	ppb
Barium	137-1	4.47	4.48	4.49	4.48	0.29	ppb
Beryllium	9-1	0.05	0.04	0.08	0.05	44.31	ppb
Bismuth	209-1				126		%
Bismuth	209-2				97		%
Boron	10-1	60.47	57.82	62.74	60.34	4.08	ppb
Boron	11-1	61.05	60.57	58.89	60.17	1.88	ppb
Cadmium	111-1	-0.09	-0.09	-0.01	-0.07		ppb
Cadmium	106-1	-1.96	-2.13	-0.92	-1.67		ppb
Cadmium	108-1	0.39	0.09	0.10	0.19	88.97	ppb
Calcium	43-1	5530.47	5548.39	5536.27	5538.37	0.17	ppb
Calcium	44-1	5585.76	5554.16	5538.02	5559.31	0.44	ppb
Chromium	52-2	208.49	204.16	209.02	207.22	1.29	ppb
Cobalt	59-2	4.51	4.33	4.37	4.40	2.18	ppb
Copper	63-2	19.87	19.25	19.63	19.58	1.59	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				118		%
Holmium	165-2				93		%
Indium	115-1				105		%
Indium	115-2				79		%
Iron	56-2	13779.43	13343.83	13958.50	13693.92	2.31	ppb
Iron	57-2	13410.11	13118.68	13800.69	13443.16	2.55	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.52	0.57	0.57	8.85	ppb
Lead	207-1	0.43	0.41	0.45	0.43	3.92	ppb
Lead	208-1	0.50	0.45	0.52	0.49	7.37	ppb
Lithium	6-1				73		%
Magnesium	24-2	1638.28	1601.37	1654.70	1631.45	1.67	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:20:20 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4598.42	4479.27	4624.09	4567.26	1.69	ppb
Molybdenum	94-1	6.30	6.41	6.38	6.36	0.89	ppb
Molybdenum	95-1	0.48	0.61	0.47	0.52	15.22	ppb
Molybdenum	96-1	1.33	1.02	1.12	1.16	13.60	ppb
Molybdenum	97-1	0.76	0.59	0.69	0.68	12.15	ppb
Molybdenum	98-1	0.54	0.51	0.55	0.53	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.04	12.96	13.65	13.22	2.85	ppb
Phosphorus	31-2	130.68	180.35	224.25	178.43	26.24	ppb
Potassium	39-2	2397.77	2221.83	2362.21	2327.27	4.00	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				71		%
Selenium	77-2	5.24	5.19	5.17	5.20	0.66	ppb
Selenium	78-2	0.41	0.40	0.40	0.41	1.35	ppb
Selenium	82-1	-2.24	-2.84	-2.14	-2.41		ppb
Silicon	28-1	1274.73	1273.41	1269.52	1272.55	0.21	ppb
Silver	109-1	0.99	0.89	0.89	0.92	6.68	ppb
Silver	107-1	0.90	0.95	0.95	0.94	3.40	ppb
Sodium	23-2	51073.38	49464.52	51389.90	50642.60	2.04	ppb
Strontium	86-1	46.69	45.62	45.94	46.08	1.19	ppb
Strontium	88-1	45.99	46.43	46.42	46.28	0.55	ppb
Sulfur	34-1	1146.08	781.20	530.04	819.10	37.82	ppb
Terbium	159-1				117		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.06	0.05	0.06	13.58	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.69	ppb
Tin	118-1	0.20	0.23	0.22	0.21	7.81	ppb
Titanium	47-1	0.66	0.61	0.44	0.57	20.00	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	26.75	ppb
Vanadium	51-2	0.26	0.23	0.17	0.22	19.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				77		%
Zinc	66-2	18.28	19.09	18.61	18.66	2.17	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:20:20	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.92	3.87	3.93	3.91	0.80	ppb
Zirconium	91-1	3.93	3.92	3.90	3.92	0.30	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:23:47 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	448.34	404.69	391.86	414.96	7.14	ppb
Antimony	121-1	0.29	0.35	0.32	0.32	9.55	ppb
Arsenic	75-2	0.58	0.40	0.43	0.47	20.63	ppb
Barium	135-1	2.37	2.33	2.73	2.47	8.90	ppb
Barium	137-1	2.27	2.24	2.28	2.26	0.82	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	61.20	ppb
Bismuth	209-1				122		%
Bismuth	209-2				97		%
Boron	10-1	12.88	12.70	12.35	12.64	2.12	ppb
Boron	11-1	12.59	12.92	13.44	12.98	3.27	ppb
Cadmium	111-1	-0.01	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-0.84	-1.52	-1.10	-1.15		ppb
Cadmium	108-1	0.34	0.15	-0.03	0.15	122.32	ppb
Calcium	43-1	810.62	844.15	861.25	838.67	3.07	ppb
Calcium	44-1	784.72	806.48	795.80	795.67	1.37	ppb
Chromium	52-2	1460.41	1444.00	1454.38	1452.93	0.57	ppb
Cobalt	59-2	0.17	0.25	0.23	0.22	19.08	ppb
Copper	63-2	53.28	53.28	53.47	53.34	0.21	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				119		%
Holmium	165-2				92		%
Indium	115-1				105		%
Indium	115-2				78		%
Iron	56-2	258.97	254.23	261.01	258.07	1.35	ppb
Iron	57-2	258.72	251.05	282.77	264.18	6.26	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.42	0.34	0.38	11.78	ppb
Lead	207-1	0.34	0.34	0.30	0.33	7.48	ppb
Lead	208-1	0.38	0.37	0.33	0.36	7.06	ppb
Lithium	6-1				74		%
Magnesium	24-2	432.54	444.71	438.47	438.57	1.39	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:23:47 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23.08	23.68	22.90	23.22	1.76	ppb
Molybdenum	94-1	4.66	5.21	5.15	5.01	6.03	ppb
Molybdenum	95-1	0.47	0.57	0.53	0.52	9.48	ppb
Molybdenum	96-1	1.06	0.94	1.05	1.02	6.32	ppb
Molybdenum	97-1	0.80	0.80	0.78	0.79	1.72	ppb
Molybdenum	98-1	0.54	0.61	0.54	0.56	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.72	4.16	4.31	4.40	6.54	ppb
Phosphorus	31-2	133.55	112.37	58.14	101.35	38.37	ppb
Potassium	39-2	186.27	192.08	184.91	187.75	2.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				79		%
Scandium	45-2				70		%
Selenium	77-2	26.13	5.22	0.00	10.45	132.30	ppb
Selenium	78-2	-0.42	0.41	1.25	0.41	203.43	ppb
Selenium	82-1	-0.73	-1.43	-0.35	-0.84		ppb
Silicon	28-1	274.40	278.42	273.36	275.39	0.97	ppb
Silver	109-1	3.55	3.79	3.53	3.62	3.94	ppb
Silver	107-1	3.69	3.76	3.61	3.69	1.97	ppb
Sodium	23-2	75362.19	73028.41	74586.59	74325.73	1.60	ppb
Strontium	86-1	3.47	3.63	3.38	3.50	3.59	ppb
Strontium	88-1	3.33	3.28	3.35	3.32	1.06	ppb
Sulfur	34-1	-1419.72	-1641.93	-1917.47	-1659.71		ppb
Terbium	159-1				118		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.02	0.03	0.02	13.51	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	19.40	ppb
Tin	118-1	0.20	0.13	0.12	0.15	27.32	ppb
Titanium	47-1	0.50	0.72	0.63	0.62	17.55	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	4.22	ppb
Vanadium	51-2	0.79	0.83	0.66	0.76	12.02	ppb
Yttrium	89-1				96		%
Yttrium	89-2				76		%
Zinc	66-2	4.34	4.36	3.22	3.98	16.37	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:23:47	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.91	3.06	3.03	3.00	2.53	ppb
Zirconium	91-1	2.96	3.04	2.91	2.97	2.11	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:27:15	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.04	22.85	14.47	17.45	26.83	ppb
Antimony	121-1	0.36	0.34	0.37	0.36	3.49	ppb
Arsenic	75-2	-0.02	0.14	0.00	0.04	223.62	ppb
Barium	135-1	35.08	34.57	34.41	34.69	1.02	ppb
Barium	137-1	35.13	35.10	34.53	34.92	0.98	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	42.15	ppb
Bismuth	209-1				123		%
Bismuth	209-2				95		%
Boron	10-1	12.02	17.68	13.15	14.28	20.97	ppb
Boron	11-1	12.56	12.85	13.12	12.84	2.19	ppb
Cadmium	111-1	-0.02	-0.03	-0.05	-0.03		ppb
Cadmium	106-1	-0.38	-0.52	-1.02	-0.64		ppb
Cadmium	108-1	-0.22	-0.16	-0.03	-0.13		ppb
Calcium	43-1	18132.82	17931.43	17575.08	17879.78	1.58	ppb
Calcium	44-1	18274.08	18579.51	17978.31	18277.30	1.64	ppb
Chromium	52-2	472.65	471.35	480.84	474.95	1.08	ppb
Cobalt	59-2	-0.01	0.01	0.03	0.01	182.00	ppb
Copper	63-2	0.97	1.20	1.30	1.15	14.65	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				118		%
Holmium	165-2				91		%
Indium	115-1				104		%
Indium	115-2				77		%
Iron	56-2	21.03	21.28	21.09	21.13	0.60	ppb
Iron	57-2	22.89	25.37	18.43	22.23	15.84	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.14	0.11	28.26	ppb
Lead	207-1	0.12	0.13	0.14	0.13	6.09	ppb
Lead	208-1	0.11	0.12	0.13	0.12	9.71	ppb
Lithium	6-1				75		%
Magnesium	24-2	3549.50	3553.55	3706.79	3603.28	2.49	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:27:15 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.62	5.18	5.00	4.93	5.78	ppb
Molybdenum	94-1	0.30	0.39	0.46	0.38	20.83	ppb
Molybdenum	95-1	0.50	0.59	0.42	0.51	17.06	ppb
Molybdenum	96-1	0.46	0.54	0.52	0.51	8.13	ppb
Molybdenum	97-1	0.63	1.07	0.93	0.88	25.51	ppb
Molybdenum	98-1	0.53	0.49	0.48	0.50	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.98	0.92	0.92	6.80	ppb
Phosphorus	31-2	21.70	-34.50	-34.50	-15.77		ppb
Potassium	39-2	441.63	445.69	479.10	455.47	4.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				79		%
Scandium	45-2				68		%
Selenium	77-2	0.00	5.39	5.33	3.57	86.61	ppb
Selenium	78-2	3.86	0.44	2.13	2.14	79.93	ppb
Selenium	82-1	-1.06	-1.49	-1.22	-1.26		ppb
Silicon	28-1	1327.50	1298.38	1268.09	1297.99	2.29	ppb
Silver	109-1	0.16	0.19	0.18	0.18	9.13	ppb
Silver	107-1	0.15	0.12	0.16	0.14	14.82	ppb
Sodium	23-2	19753.70	20445.92	20186.11	20128.57	1.74	ppb
Strontium	86-1	26.78	28.68	27.41	27.62	3.50	ppb
Strontium	88-1	27.47	27.75	27.46	27.56	0.61	ppb
Sulfur	34-1	-1154.92	-1253.16	-1959.55	-1455.88		ppb
Terbium	159-1				117		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.03	0.03	0.03	26.90	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	33.20	ppb
Tin	118-1	0.06	0.07	0.11	0.08	31.78	ppb
Titanium	47-1	0.28	0.27	0.40	0.32	23.96	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	2.69	ppb
Vanadium	51-2	0.26	0.43	0.38	0.36	24.07	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	3.07	2.37	2.58	2.67	13.44	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:27:15	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	26.98	ppb
Zirconium	91-1	0.04	0.02	-0.03	0.01	353.48	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:30:42	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.35	11.18	2.73	7.76	57.29	ppb
Antimony	121-1	0.25	0.23	0.24	0.24	2.60	ppb
Arsenic	75-2	0.18	0.30	0.23	0.24	25.21	ppb
Barium	135-1	6.27	6.11	6.12	6.17	1.45	ppb
Barium	137-1	5.33	6.28	6.24	5.95	9.05	ppb
Beryllium	9-1	0.03	0.03	0.00	0.02	80.63	ppb
Bismuth	209-1				122		%
Bismuth	209-2				94		%
Boron	10-1	326.68	329.92	332.64	329.75	0.90	ppb
Boron	11-1	336.33	321.58	332.38	330.10	2.31	ppb
Cadmium	111-1	-0.08	-0.16	-0.14	-0.13		ppb
Cadmium	106-1	-1.38	-2.28	-2.18	-1.95		ppb
Cadmium	108-1	-0.09	-0.15	-0.22	-0.15		ppb
Calcium	43-1	9353.71	9251.29	9239.53	9281.51	0.68	ppb
Calcium	44-1	9684.87	9638.61	9618.72	9647.40	0.35	ppb
Chromium	52-2	8.09	8.25	7.89	8.07	2.24	ppb
Cobalt	59-2	0.22	0.21	0.19	0.21	7.64	ppb
Copper	63-2	3.93	3.94	3.95	3.94	0.16	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				117		%
Holmium	165-2				90		%
Indium	115-1				104		%
Indium	115-2				76		%
Iron	56-2	443.91	448.52	445.22	445.88	0.53	ppb
Iron	57-2	477.46	469.20	471.81	472.82	0.89	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.20	0.17	15.10	ppb
Lead	207-1	0.12	0.18	0.14	0.15	20.87	ppb
Lead	208-1	0.14	0.17	0.16	0.16	9.58	ppb
Lithium	6-1				73		%
Magnesium	24-2	3876.87	3898.97	3822.04	3865.96	1.02	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:30:42	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	423.19	412.56	416.98	417.58	1.28	ppb
Molybdenum	94-1	1.10	1.21	1.14	1.15	4.57	ppb
Molybdenum	95-1	1.62	1.48	1.42	1.50	6.74	ppb
Molybdenum	96-1	1.35	1.44	1.45	1.41	3.85	ppb
Molybdenum	97-1	1.73	1.60	1.56	1.63	5.13	ppb
Molybdenum	98-1	1.51	1.43	1.45	1.46	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.64	0.60	0.65	7.74	ppb
Phosphorus	31-2	21.89	59.78	40.98	40.88	46.34	ppb
Potassium	39-2	792.98	824.44	884.02	833.81	5.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.14	-0.42	1.29	1.00	130.45	ppb
Selenium	82-1	-3.58	-3.03	-2.27	-2.96		ppb
Silicon	28-1	3536.76	3448.46	3462.09	3482.43	1.37	ppb
Silver	109-1	0.14	0.15	0.15	0.15	5.56	ppb
Silver	107-1	0.15	0.22	0.21	0.19	20.00	ppb
Sodium	23-2	86301.12	86718.57	85708.78	86242.82	0.59	ppb
Strontium	86-1	110.49	111.58	110.26	110.78	0.64	ppb
Strontium	88-1	112.14	111.85	112.13	112.04	0.14	ppb
Sulfur	34-1	-2340.51	-3058.90	-3322.68	-2907.36		ppb
Terbium	159-1				117		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.02	0.00	0.01	63.60	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	42.46	ppb
Tin	118-1	0.06	0.08	0.08	0.07	16.12	ppb
Titanium	47-1	0.38	0.42	0.53	0.44	17.19	ppb
Uranium	238-1	0.16	0.19	0.19	0.18	9.70	ppb
Vanadium	51-2	0.47	0.44	0.30	0.41	22.34	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	4.54	3.76	4.73	4.34	11.87	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:30:42	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.12	0.11	6.96	ppb
Zirconium	91-1	0.12	0.15	0.20	0.16	23.68	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:38:17	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.99	10.01	6.33	8.45	22.48	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	67.93	ppb
Arsenic	75-2	0.04	-0.05	-0.03	-0.01		ppb
Barium	135-1	7.63	7.18	6.94	7.25	4.89	ppb
Barium	137-1	7.87	7.89	7.99	7.92	0.83	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	24.64	ppb
Bismuth	209-1				127		%
Bismuth	209-2				100		%
Boron	10-1	20.02	20.61	23.52	21.39	8.76	ppb
Boron	11-1	21.50	21.49	19.14	20.71	6.56	ppb
Cadmium	111-1	-0.04	-0.11	-0.13	-0.09		ppb
Cadmium	106-1	-0.87	-1.98	-1.94	-1.60		ppb
Cadmium	108-1	0.09	0.03	0.03	0.05	76.12	ppb
Calcium	43-1	4747.97	4920.77	4888.37	4852.37	1.89	ppb
Calcium	44-1	4797.30	4890.97	4849.88	4846.05	0.97	ppb
Chromium	52-2	23.07	23.34	22.67	23.02	1.46	ppb
Cobalt	59-2	0.27	0.38	0.30	0.32	17.58	ppb
Copper	63-2	1.54	1.53	1.55	1.54	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				118		%
Holmium	165-2				96		%
Indium	115-1				108		%
Indium	115-2				83		%
Iron	56-2	1007.23	998.44	984.27	996.65	1.16	ppb
Iron	57-2	1022.85	996.61	1016.92	1012.13	1.36	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.13	0.14	12.87	ppb
Lead	207-1	0.12	0.10	0.15	0.12	23.87	ppb
Lead	208-1	0.12	0.11	0.12	0.12	2.10	ppb
Lithium	6-1				74		%
Magnesium	24-2	1188.04	1162.63	1138.10	1162.92	2.15	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:38:17	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1383.50	1363.04	1338.60	1361.72	1.65	ppb
Molybdenum	94-1	1.43	1.46	1.56	1.48	4.32	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	11.92	ppb
Molybdenum	96-1	0.20	0.17	0.24	0.20	17.76	ppb
Molybdenum	97-1	0.17	0.31	0.12	0.20	49.99	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.05	26.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	3.07	3.19	3.07	3.91	ppb
Phosphorus	31-2	-34.50	-17.63	-17.75	-23.29		ppb
Potassium	39-2	142.40	155.94	165.38	154.57	7.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				76		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.16	1.15	1.92	1.41	31.23	ppb
Selenium	82-1	-1.49	-1.60	-1.10	-1.40		ppb
Silicon	28-1	374.66	384.35	377.49	378.83	1.32	ppb
Silver	109-1	0.04	0.03	0.03	0.03	22.04	ppb
Silver	107-1	0.02	0.04	0.03	0.03	33.75	ppb
Sodium	23-2	9857.83	9801.62	9576.06	9745.17	1.53	ppb
Strontium	86-1	13.13	12.96	13.71	13.27	2.96	ppb
Strontium	88-1	13.40	13.44	13.34	13.39	0.34	ppb
Sulfur	34-1	-1716.73	-1504.70	-1711.88	-1644.43		ppb
Terbium	159-1				119		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00	3.76	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	44.40	ppb
Tin	118-1	0.01	0.00	-0.03	-0.01		ppb
Titanium	47-1	0.09	0.06	0.11	0.09	24.69	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	57.44	ppb
Vanadium	51-2	0.05	0.02	0.00	0.02	102.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				81		%
Zinc	66-2	1.74	2.32	1.65	1.90	19.06	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:38:17	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.93	0.98	0.94	3.80	ppb
Zirconium	91-1	1.09	0.94	0.97	1.00	8.08	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:41:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	7.06	2.06	3.38	95.60	ppb
Antimony	121-1	-0.01	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.05	0.06	-0.03	-0.01		ppb
Barium	135-1	6.03	6.36	6.45	6.28	3.53	ppb
Barium	137-1	6.11	6.42	6.47	6.33	3.06	ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00		ppb
Bismuth	209-1				124		%
Bismuth	209-2				99		%
Boron	10-1	4.66	5.88	3.89	4.81	20.86	ppb
Boron	11-1	4.12	4.60	4.69	4.47	6.95	ppb
Cadmium	111-1	-0.06	-0.11	-0.02	-0.06		ppb
Cadmium	106-1	-0.98	-1.79	-0.26	-1.01		ppb
Cadmium	108-1	-0.22	-0.16	0.03	-0.11		ppb
Calcium	43-1	3404.55	3348.20	3348.96	3367.24	0.96	ppb
Calcium	44-1	3383.70	3344.34	3310.29	3346.11	1.10	ppb
Chromium	52-2	99.75	100.71	104.03	101.49	2.21	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	118.27	ppb
Copper	63-2	0.25	0.24	0.28	0.26	8.53	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				119		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				82		%
Iron	56-2	2.41	3.23	2.82	2.82	14.55	ppb
Iron	57-2	3.46	6.87	5.29	5.21	32.81	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.11	0.10	13.59	ppb
Lead	207-1	0.06	0.12	0.07	0.08	37.97	ppb
Lead	208-1	0.07	0.10	0.08	0.09	15.51	ppb
Lithium	6-1				73		%
Magnesium	24-2	717.56	705.18	715.45	712.73	0.93	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:41:44 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.71	17.13	16.33	16.72	2.42	ppb
Molybdenum	94-1	-0.01	0.02	0.02	0.01	161.79	ppb
Molybdenum	95-1	0.03	-0.02	-0.02	0.00		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.25	0.29	0.25	0.26	9.54	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	28.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.15	0.24	0.21	26.35	ppb
Phosphorus	31-2	-17.31	-17.36	-16.87	-17.18		ppb
Potassium	39-2	60.91	42.77	59.39	54.36	18.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				85		%
Scandium	45-2				74		%
Selenium	77-2	5.04	0.00	5.02	3.35	86.60	ppb
Selenium	78-2	1.18	0.37	0.38	0.64	73.14	ppb
Selenium	82-1	-1.33	-1.70	-2.36	-1.80		ppb
Silicon	28-1	229.39	223.09	220.65	224.38	2.01	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.30	ppb
Silver	107-1	0.02	0.02	0.03	0.02	30.27	ppb
Sodium	23-2	3114.34	3086.94	3187.95	3129.74	1.67	ppb
Strontium	86-1	5.33	5.16	5.29	5.26	1.72	ppb
Strontium	88-1	5.66	5.52	5.29	5.49	3.42	ppb
Sulfur	34-1	-849.34	-1450.67	-1237.50	-1179.17		ppb
Terbium	159-1				118		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.00	0.01	146.66	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	130.50	ppb
Tin	118-1	-0.05	-0.03	-0.02	-0.03		ppb
Titanium	47-1	-0.03	-0.04	0.00	-0.02		ppb
Uranium	238-1	0.00	0.01	0.02	0.01	50.59	ppb
Vanadium	51-2	0.04	0.07	0.06	0.06	23.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	0.76	0.51	0.95	0.74	29.53	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:41:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.00	0.00	400.46	ppb
Zirconium	91-1	0.01	0.05	0.02	0.03	69.57	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:45:13 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.54	74.47	87.38	82.13	8.26	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.83	ppb
Arsenic	75-2	0.06	0.14	0.04	0.08	72.24	ppb
Barium	135-1	0.35	0.33	0.53	0.40	27.52	ppb
Barium	137-1	0.51	0.50	0.54	0.52	3.87	ppb
Beryllium	9-1	0.00	0.04	0.03	0.02	89.76	ppb
Bismuth	209-1				124		%
Bismuth	209-2				100		%
Boron	10-1	2.25	4.66	3.08	3.33	36.86	ppb
Boron	11-1	4.47	4.72	3.71	4.30	12.26	ppb
Cadmium	111-1	-0.20	-0.18	-0.19	-0.19		ppb
Cadmium	106-1	-2.57	-2.54	-2.59	-2.57		ppb
Cadmium	108-1	0.22	-0.09	0.15	0.09	178.73	ppb
Calcium	43-1	200.27	162.75	168.92	177.31	11.35	ppb
Calcium	44-1	85.06	82.65	81.32	83.01	2.29	ppb
Chromium	52-2	282.18	280.43	280.16	280.93	0.39	ppb
Cobalt	59-2	0.05	0.01	0.02	0.03	60.42	ppb
Copper	63-2	10.25	10.21	10.71	10.39	2.69	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				118		%
Holmium	165-2				96		%
Indium	115-1				107		%
Indium	115-2				83		%
Iron	56-2	50.79	51.08	50.62	50.83	0.45	ppb
Iron	57-2	44.50	49.50	52.81	48.94	8.55	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.11	0.10	14.55	ppb
Lead	207-1	0.14	0.07	0.11	0.10	34.93	ppb
Lead	208-1	0.12	0.07	0.09	0.09	31.52	ppb
Lithium	6-1				74		%
Magnesium	24-2	94.10	89.09	90.71	91.30	2.80	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:45:13	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.74	4.62	4.62	4.66	1.52	ppb
Molybdenum	94-1	1.11	0.94	0.98	1.01	8.68	ppb
Molybdenum	95-1	0.09	0.05	0.08	0.07	28.12	ppb
Molybdenum	96-1	0.17	0.18	0.18	0.18	4.32	ppb
Molybdenum	97-1	0.26	0.24	0.24	0.25	3.91	ppb
Molybdenum	98-1	0.10	0.12	0.09	0.10	16.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.91	0.75	0.83	10.21	ppb
Phosphorus	31-2	33.60	-17.73	-0.72	5.05	517.70	ppb
Potassium	39-2	44.69	39.59	36.22	40.17	10.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				76		%
Selenium	77-2	9.93	0.00	0.00	3.31	173.21	ppb
Selenium	78-2	1.16	1.16	1.14	1.15	0.70	ppb
Selenium	82-1	0.02	-2.13	-0.88	-1.00		ppb
Silicon	28-1	31.84	30.12	25.73	29.23	10.78	ppb
Silver	109-1	0.79	0.75	0.69	0.74	7.06	ppb
Silver	107-1	0.78	0.77	0.82	0.79	3.31	ppb
Sodium	23-2	14480.50	14289.20	14316.22	14361.97	0.72	ppb
Strontium	86-1	0.60	0.50	0.58	0.56	9.33	ppb
Strontium	88-1	0.66	0.64	0.68	0.66	2.99	ppb
Sulfur	34-1	-1049.52	-996.97	-1382.62	-1143.04		ppb
Terbium	159-1				117		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	34.80	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	118.97	ppb
Tin	118-1	0.00	0.00	-0.03	-0.01		ppb
Titanium	47-1	0.18	0.17	0.03	0.13	66.51	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	23.78	ppb
Vanadium	51-2	0.19	0.19	0.16	0.18	11.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				81		%
Zinc	66-2	1.17	0.82	1.21	1.07	20.40	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:45:13	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.60	0.64	0.59	0.61	4.27	ppb
Zirconium	91-1	0.64	0.55	0.60	0.60	8.20	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:48:41 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.63	5.17	0.55	4.11	77.18	ppb
Antimony	121-1	-0.01	0.00	-0.01	0.00		ppb
Arsenic	75-2	0.02	0.06	0.17	0.08	97.72	ppb
Barium	135-1	7.10	6.72	6.97	6.93	2.80	ppb
Barium	137-1	6.77	7.07	7.14	6.99	2.80	ppb
Beryllium	9-1	-0.01	0.02	0.04	0.02	145.49	ppb
Bismuth	209-1				122		%
Bismuth	209-2				100		%
Boron	10-1	4.77	3.38	4.33	4.16	17.09	ppb
Boron	11-1	4.31	4.14	3.95	4.13	4.42	ppb
Cadmium	111-1	-0.05	-0.14	-0.15	-0.11		ppb
Cadmium	106-1	-0.53	-1.95	-2.12	-1.53		ppb
Cadmium	108-1	-0.09	-0.03	-0.22	-0.11		ppb
Calcium	43-1	3500.17	3527.83	3672.20	3566.73	2.59	ppb
Calcium	44-1	3479.43	3534.80	3553.29	3522.51	1.09	ppb
Chromium	52-2	94.62	94.50	92.43	93.85	1.31	ppb
Cobalt	59-2	0.02	-0.01	0.01	0.01	209.74	ppb
Copper	63-2	0.22	0.14	0.17	0.18	22.29	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				117		%
Holmium	165-2				95		%
Indium	115-1				106		%
Indium	115-2				82		%
Iron	56-2	5.04	4.71	3.92	4.56	12.63	ppb
Iron	57-2	4.26	10.04	10.24	8.18	41.49	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.13	0.07	0.09	35.98	ppb
Lead	207-1	0.09	0.09	0.05	0.08	31.31	ppb
Lead	208-1	0.07	0.08	0.06	0.07	14.92	ppb
Lithium	6-1				74		%
Magnesium	24-2	718.96	708.68	699.18	708.94	1.39	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:48:41 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.93	0.92	0.95	5.40	ppb
Molybdenum	94-1	0.11	0.08	0.11	0.10	17.32	ppb
Molybdenum	95-1	0.08	0.11	0.14	0.11	28.41	ppb
Molybdenum	96-1	0.09	0.13	0.09	0.10	22.95	ppb
Molybdenum	97-1	0.31	0.31	0.31	0.31	1.78	ppb
Molybdenum	98-1	0.09	0.06	0.09	0.08	18.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.20	0.37	0.25	42.16	ppb
Phosphorus	31-2	-16.89	17.50	-0.36	0.08	20604.54	ppb
Potassium	39-2	104.40	103.58	106.36	104.78	1.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	5.01	1.67	173.21	ppb
Selenium	78-2	0.37	-0.42	0.38	0.11	431.11	ppb
Selenium	82-1	-1.17	-2.12	-0.60	-1.29		ppb
Silicon	28-1	283.75	291.60	292.85	289.40	1.71	ppb
Silver	109-1	0.02	0.02	0.01	0.02	38.99	ppb
Silver	107-1	0.01	0.04	0.03	0.02	67.81	ppb
Sodium	23-2	3969.25	3823.72	3804.93	3865.97	2.33	ppb
Strontium	86-1	5.62	5.07	5.17	5.28	5.58	ppb
Strontium	88-1	5.58	5.38	5.25	5.40	3.00	ppb
Sulfur	34-1	-605.52	-443.33	-217.13	-422.00		ppb
Terbium	159-1				116		%
Terbium	159-2				93		%
Thallium	203-1	0.01	-0.01	0.02	0.01	207.01	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	98.44	ppb
Tin	118-1	-0.03	-0.03	-0.01	-0.02		ppb
Titanium	47-1	0.05	-0.09	0.13	0.03	367.33	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	32.54	ppb
Vanadium	51-2	0.07	0.06	0.13	0.09	43.96	ppb
Yttrium	89-1				98		%
Yttrium	89-2				80		%
Zinc	66-2	0.95	0.65	0.24	0.61	58.39	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:48:41	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.01	63.37	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	31.22	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:52:09	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.29	2.48	1.65	2.48	33.14	ppb
Antimony	121-1	-0.01	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.07	-0.05	0.02	-0.03		ppb
Barium	135-1	1.09	1.07	1.06	1.07	1.66	ppb
Barium	137-1	1.20	1.19	1.20	1.19	0.65	ppb
Beryllium	9-1	0.02	-0.03	0.00	0.00		ppb
Bismuth	209-1				124		%
Bismuth	209-2				101		%
Boron	10-1	75.65	73.51	78.58	75.91	3.35	ppb
Boron	11-1	70.85	71.79	76.28	72.97	3.98	ppb
Cadmium	111-1	-0.11	-0.10	-0.13	-0.12		ppb
Cadmium	106-1	-1.40	-1.38	-1.67	-1.48		ppb
Cadmium	108-1	-0.03	-0.16	0.09	-0.03		ppb
Calcium	43-1	1902.26	1855.30	1839.23	1865.60	1.76	ppb
Calcium	44-1	1802.66	1806.38	1785.81	1798.28	0.61	ppb
Chromium	52-2	2.24	2.49	2.38	2.37	5.28	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.53	ppb
Copper	63-2	0.84	0.69	0.72	0.75	10.69	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				119		%
Holmium	165-2				96		%
Indium	115-1				107		%
Indium	115-2				83		%
Iron	56-2	85.08	89.45	89.03	87.85	2.75	ppb
Iron	57-2	100.86	78.33	86.78	88.66	12.84	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.13	0.13	5.12	ppb
Lead	207-1	0.13	0.14	0.15	0.14	9.60	ppb
Lead	208-1	0.13	0.13	0.11	0.12	7.31	ppb
Lithium	6-1				74		%
Magnesium	24-2	801.02	790.32	782.87	791.40	1.15	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:52:09 DataFile Name : 075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	83.89	82.67	82.72	83.09	0.83	ppb
Molybdenum	94-1	0.35	0.34	0.20	0.30	27.31	ppb
Molybdenum	95-1	0.30	0.28	0.31	0.29	5.29	ppb
Molybdenum	96-1	0.24	0.29	0.27	0.27	10.11	ppb
Molybdenum	97-1	0.61	0.58	0.47	0.55	13.05	ppb
Molybdenum	98-1	0.26	0.28	0.29	0.27	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.16	0.19	0.18	8.71	ppb
Phosphorus	31-2	-17.55	-17.57	-34.50	-23.21		ppb
Potassium	39-2	172.36	173.38	161.52	169.08	3.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				76		%
Selenium	77-2	0.00	4.91	0.00	1.64	173.21	ppb
Selenium	78-2	1.13	-0.42	0.37	0.36	216.49	ppb
Selenium	82-1	-0.78	0.42	-1.01	-0.46		ppb
Silicon	28-1	704.15	698.64	709.00	703.93	0.74	ppb
Silver	109-1	0.03	0.03	0.04	0.03	22.86	ppb
Silver	107-1	0.04	0.03	0.04	0.04	17.67	ppb
Sodium	23-2	16991.05	17031.54	16844.55	16955.72	0.58	ppb
Strontium	86-1	21.75	21.78	21.89	21.81	0.33	ppb
Strontium	88-1	22.04	22.12	22.14	22.10	0.23	ppb
Sulfur	34-1	-1101.63	-1121.57	-1264.54	-1162.58		ppb
Terbium	159-1				118		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.02	0.01	128.38	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	301.06	ppb
Tin	118-1	-0.02	0.24	-0.04	0.06	255.06	ppb
Titanium	47-1	0.10	0.12	0.07	0.10	23.63	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	24.49	ppb
Vanadium	51-2	0.09	0.10	0.07	0.09	16.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				81		%
Zinc	66-2	0.89	1.37	0.74	1.00	33.04	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:52:09	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.04	0.03	51.04	ppb
Zirconium	91-1	0.01	0.00	0.04	0.02	126.12	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49390.27	49545.15	49643.46	49526.30	0.26	ppb
Antimony	121-1	492.47	490.44	493.54	492.15	0.32	ppb
Arsenic	75-2	518.42	517.25	520.12	518.60	0.28	ppb
Barium	135-1	2493.79	2461.01	2530.20	2495.00	1.39	ppb
Barium	137-1	2470.46	2445.96	2491.80	2469.41	0.93	ppb
Beryllium	9-1	594.28	590.83	587.58	590.90	0.57	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	584.97	591.56	606.28	594.27	1.84	ppb
Boron	11-1	579.75	587.63	592.36	586.58	1.09	ppb
Cadmium	111-1	466.24	460.78	471.82	466.28	1.18	ppb
Cadmium	106-1	468.02	463.68	472.77	468.15	0.97	ppb
Cadmium	108-1	470.90	471.35	480.67	474.31	1.16	ppb
Calcium	43-1	240177.05	235210.99	238719.48	238035.84	1.07	ppb
Calcium	44-1	239670.06	235818.94	241653.34	239047.45	1.24	ppb
Chromium	52-2	542.96	548.05	540.28	543.76	0.73	ppb
Cobalt	59-2	541.47	545.53	540.27	542.42	0.51	ppb
Copper	63-2	1053.87	1073.12	1047.64	1058.21	1.26	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				121		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	56-2	130375.84	132962.37	130194.59	131177.60	1.18	ppb
Iron	57-2	132738.31	135524.56	132959.97	133740.95	1.16	ppb
Krypton	83-1						cps
Lead	206-1	514.80	511.93	512.87	513.20	0.29	ppb
Lead	207-1	515.15	515.63	515.78	515.52	0.06	ppb
Lead	208-1	524.02	522.76	521.02	522.60	0.29	ppb
Lithium	6-1				84		%
Magnesium	24-2	259422.43	259408.22	256884.98	258571.88	0.56	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.26	1043.11	1026.43	1028.26	1.36	ppb
Molybdenum	94-1	2544.21	2569.19	2600.68	2571.36	1.10	ppb
Molybdenum	95-1	2557.87	2565.02	2595.54	2572.81	0.78	ppb
Molybdenum	96-1	2537.55	2570.62	2575.04	2561.07	0.80	ppb
Molybdenum	97-1	2524.96	2563.50	2605.51	2564.66	1.57	ppb
Molybdenum	98-1	2530.56	2568.23	2588.29	2562.36	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.19	547.98	541.81	544.66	0.57	ppb
Phosphorus	31-2	9822.84	9959.73	9527.32	9769.96	2.26	ppb
Potassium	39-2	123178.28	124130.37	123816.81	123708.49	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	400.73	524.70	527.68	484.37	14.96	ppb
Selenium	78-2	488.00	471.71	497.25	485.65	2.66	ppb
Selenium	82-1	489.36	501.78	501.47	497.53	1.42	ppb
Silicon	28-1	465.62	471.94	485.79	474.45	2.17	ppb
Silver	109-1	472.59	470.75	474.77	472.70	0.43	ppb
Silver	107-1	466.64	470.63	471.15	469.47	0.53	ppb
Sodium	23-2	255113.23	257815.14	257944.40	256957.59	0.62	ppb
Strontium	86-1	495.68	501.47	509.38	502.18	1.37	ppb
Strontium	88-1	507.33	513.28	518.17	512.93	1.06	ppb
Sulfur	34-1	11170.26	10426.89	10976.25	10857.80	3.55	ppb
Terbium	159-1				120		%
Terbium	159-2				102		%
Thallium	203-1	510.11	507.49	502.07	506.56	0.81	ppb
Thallium	205-1	534.39	531.49	527.71	531.19	0.63	ppb
Tin	118-1	466.94	463.87	467.33	466.05	0.41	ppb
Titanium	47-1	2519.69	2537.93	2600.90	2552.84	1.67	ppb
Uranium	238-1	536.48	530.00	529.63	532.03	0.72	ppb
Vanadium	51-2	532.01	541.07	535.24	536.11	0.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	1056.76	1077.63	1063.13	1065.84	1.00	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.94	515.21	511.70	509.95	1.24	ppb
Zirconium	91-1	490.35	494.81	498.51	494.55	0.83	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P8
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 19:05:51 DataFile Name : 077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	2.55	-0.40	0.53	334.52	ppb
Antimony	121-1	0.07	0.17	0.14	0.13	40.55	ppb
Arsenic	75-2	-0.09	0.01	-0.05	-0.05		ppb
Barium	135-1	0.02	-0.01	0.00	0.00	378.27	ppb
Barium	137-1	0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.06	0.03	0.05	0.05	36.47	ppb
Bismuth	209-1				126		%
Bismuth	209-2				106		%
Boron	10-1	5.53	2.82	3.25	3.87	37.64	ppb
Boron	11-1	4.07	2.98	3.04	3.36	18.18	ppb
Cadmium	111-1	-0.02	-0.11	-0.15	-0.09		ppb
Cadmium	106-1	-0.18	-1.52	-2.05	-1.25		ppb
Cadmium	108-1	0.03	0.03	-0.03	0.01	422.57	ppb
Calcium	43-1	-9.27	-2.78	-1.89	-4.65		ppb
Calcium	44-1	-73.94	-71.90	-77.05	-74.30		ppb
Chromium	52-2	0.00	-0.04	0.32	0.09	213.98	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	8370.78	ppb
Copper	63-2	0.02	0.09	0.04	0.05	83.14	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				118		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				90		%
Iron	56-2	2.51	1.86	1.87	2.08	17.77	ppb
Iron	57-2	2.21	1.54	2.04	1.93	18.08	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.30	0.31	0.32	9.80	ppb
Lead	207-1	0.24	0.33	0.27	0.28	15.99	ppb
Lead	208-1	0.28	0.32	0.30	0.30	6.74	ppb
Lithium	6-1				82		%
Magnesium	24-2	2.19	2.17	4.90	3.09	50.92	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:05:51	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.30	0.45	0.29	0.35	26.42	ppb
Molybdenum	94-1	0.07	0.09	0.10	0.08	14.15	ppb
Molybdenum	95-1	0.08	0.04	0.06	0.06	27.33	ppb
Molybdenum	96-1	0.12	0.08	0.11	0.10	21.86	ppb
Molybdenum	97-1	0.21	0.23	0.20	0.21	7.26	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.07	10.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.02	0.03	0.04	55.58	ppb
Phosphorus	31-2	-19.05	-34.50	-34.50	-29.35		ppb
Potassium	39-2	12.85	12.41	-1.20	8.02	99.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				82		%
Selenium	77-2	0.00	4.57	13.80	6.12	114.80	ppb
Selenium	78-2	0.30	-0.42	2.51	0.80	192.32	ppb
Selenium	82-1	-0.71	-0.70	-0.93	-0.78		ppb
Silicon	28-1	-31.87	-31.22	-31.14	-31.41		ppb
Silver	109-1	0.01	0.02	0.01	0.01	27.50	ppb
Silver	107-1	0.00	0.01	0.01	0.01	81.53	ppb
Sodium	23-2	87.14	81.03	85.16	84.44	3.69	ppb
Strontium	86-1	-0.03	-0.06	0.02	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	79.66	ppb
Sulfur	34-1	-759.75	-529.03	-678.13	-655.64		ppb
Terbium	159-1				118		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.06	0.10	0.08	27.32	ppb
Thallium	205-1	0.09	0.08	0.10	0.09	11.22	ppb
Tin	118-1	-0.02	0.01	0.02	0.00	2222.11	ppb
Titanium	47-1	-0.08	-0.07	-0.10	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.64	ppb
Vanadium	51-2	0.04	0.02	0.01	0.02	79.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				87		%
Zinc	66-2	0.00	-0.02	0.35	0.11	191.08	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:05:51	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.00	0.01	121.17	ppb
Zirconium	91-1	0.02	0.03	0.00	0.01	119.54	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.42	63.35	53.79	62.19	12.66	ppb
Antimony	121-1	0.28	0.30	0.26	0.28	7.35	ppb
Arsenic	75-2	0.42	0.40	0.38	0.40	5.38	ppb
Barium	135-1	36.06	34.48	35.70	35.42	2.33	ppb
Barium	137-1	34.95	35.91	35.25	35.37	1.39	ppb
Beryllium	9-1	0.06	0.02	0.08	0.05	59.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				94		%
Boron	10-1	38.44	38.73	39.34	38.84	1.18	ppb
Boron	11-1	38.95	36.36	37.49	37.60	3.45	ppb
Cadmium	111-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-1.78	-1.28	-1.24	-1.43		ppb
Cadmium	108-1	-0.03	0.03	0.03	0.01	335.48	ppb
Calcium	43-1	21036.26	21019.54	20631.68	20895.83	1.10	ppb
Calcium	44-1	21471.43	21037.98	20752.25	21087.22	1.72	ppb
Chromium	52-2	639.91	647.79	645.94	644.55	0.64	ppb
Cobalt	59-2	1.91	2.04	1.95	1.97	3.58	ppb
Copper	63-2	12.56	12.79	12.23	12.53	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				116		%
Holmium	165-2				91		%
Indium	115-1				104		%
Indium	115-2				78		%
Iron	56-2	6187.61	6020.57	6130.53	6112.90	1.39	ppb
Iron	57-2	5795.27	5869.62	5860.59	5841.83	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.76	0.78	0.75	6.22	ppb
Lead	207-1	0.69	0.69	0.71	0.69	1.68	ppb
Lead	208-1	0.69	0.71	0.68	0.69	2.87	ppb
Lithium	6-1				74		%
Magnesium	24-2	4544.85	4551.62	4588.64	4561.71	0.52	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2091.74	2086.44	2095.21	2091.13	0.21	ppb
Molybdenum	94-1	1.33	1.49	1.63	1.49	10.11	ppb
Molybdenum	95-1	0.37	0.32	0.29	0.32	13.08	ppb
Molybdenum	96-1	0.48	0.51	0.43	0.47	8.23	ppb
Molybdenum	97-1	0.59	0.51	0.57	0.56	7.68	ppb
Molybdenum	98-1	0.34	0.39	0.33	0.35	8.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.58	6.53	6.94	6.68	3.33	ppb
Phosphorus	31-2	20.11	111.92	58.25	63.43	72.72	ppb
Potassium	39-2	1286.54	1323.40	1327.89	1312.61	1.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				70		%
Selenium	77-2	5.18	5.26	0.00	3.48	86.61	ppb
Selenium	78-2	-0.42	0.42	-0.42	-0.14		ppb
Selenium	82-1	-0.49	-0.28	-0.83	-0.54		ppb
Silicon	28-1	1722.40	1716.52	1656.80	1698.58	2.14	ppb
Silver	109-1	0.59	0.63	0.67	0.63	6.48	ppb
Silver	107-1	0.65	0.57	0.57	0.60	7.85	ppb
Sodium	23-2	39240.74	39115.03	39486.89	39280.89	0.48	ppb
Strontium	86-1	48.55	50.64	51.25	50.15	2.82	ppb
Strontium	88-1	49.13	50.73	50.51	50.12	1.72	ppb
Sulfur	34-1	929.32	713.81	207.15	616.76	60.11	ppb
Terbium	159-1				117		%
Terbium	159-2				89		%
Thallium	203-1	0.16	0.12	0.09	0.12	28.22	ppb
Thallium	205-1	0.17	0.12	0.10	0.13	28.83	ppb
Tin	118-1	0.16	0.17	0.19	0.17	9.04	ppb
Titanium	47-1	0.35	0.48	0.51	0.45	19.78	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	2.76	ppb
Vanadium	51-2	0.34	0.44	0.42	0.40	13.57	ppb
Yttrium	89-1				97		%
Yttrium	89-2				77		%
Zinc	66-2	15.75	15.97	17.30	16.34	5.15	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.76	0.72	0.74	2.33	ppb
Zirconium	91-1	0.78	0.83	0.86	0.82	4.99	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	1.77	2.14	2.36	30.88	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	26.64	ppb
Arsenic	75-2	-0.07	-0.05	-0.05	-0.06		ppb
Barium	135-1	60.39	60.91	60.70	60.67	0.43	ppb
Barium	137-1	60.74	60.14	60.96	60.61	0.70	ppb
Beryllium	9-1	0.00	0.05	0.05	0.03	79.51	ppb
Bismuth	209-1				119		%
Bismuth	209-2				97		%
Boron	10-1	10.39	7.55	9.09	9.01	15.74	ppb
Boron	11-1	8.81	8.72	9.21	8.91	2.91	ppb
Cadmium	111-1	-0.07	-0.18	-0.16	-0.14		ppb
Cadmium	106-1	-1.32	-2.61	-2.40	-2.11		ppb
Cadmium	108-1	-0.22	-0.09	-0.03	-0.11		ppb
Calcium	43-1	11018.34	10842.66	11020.13	10960.38	0.93	ppb
Calcium	44-1	11197.47	11246.44	11305.98	11249.96	0.48	ppb
Chromium	52-2	45.84	44.81	44.48	45.04	1.58	ppb
Cobalt	59-2	2.29	1.87	1.93	2.03	11.05	ppb
Copper	63-2	0.89	0.87	0.96	0.91	4.99	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				119		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				82		%
Iron	56-2	1687.94	1660.63	1664.39	1670.98	0.89	ppb
Iron	57-2	1716.81	1678.41	1665.30	1686.84	1.59	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.25	0.24	6.73	ppb
Lead	207-1	0.23	0.20	0.16	0.19	15.93	ppb
Lead	208-1	0.23	0.20	0.20	0.21	7.90	ppb
Lithium	6-1				71		%
Magnesium	24-2	2408.56	2400.07	2388.97	2399.20	0.41	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1159.96	1151.62	1136.77	1149.45	1.02	ppb
Molybdenum	94-1	0.10	0.08	0.08	0.08	14.32	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	84.80	ppb
Molybdenum	96-1	0.04	0.00	-0.01	0.01	188.43	ppb
Molybdenum	97-1	0.16	0.20	0.21	0.19	14.49	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	53.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.58	5.30	5.51	5.46	2.71	ppb
Phosphorus	31-2	-17.10	-17.42	16.59	-5.98		ppb
Potassium	39-2	134.63	104.80	104.53	114.65	15.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				75		%
Selenium	77-2	4.91	0.00	0.00	1.64	173.21	ppb
Selenium	78-2	0.36	1.16	0.37	0.63	72.38	ppb
Selenium	82-1	-1.61	-3.22	-0.89	-1.90		ppb
Silicon	28-1	650.71	652.32	661.48	654.84	0.89	ppb
Silver	109-1	0.09	0.07	0.07	0.08	13.47	ppb
Silver	107-1	0.06	0.06	0.09	0.07	24.82	ppb
Sodium	23-2	8543.34	8469.43	8547.23	8520.00	0.51	ppb
Strontium	86-1	17.18	17.51	16.76	17.15	2.18	ppb
Strontium	88-1	17.42	17.37	17.25	17.35	0.50	ppb
Sulfur	34-1	-2435.42	-2813.44	-2422.71	-2557.19		ppb
Terbium	159-1				117		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.02	0.02	0.02	33.58	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	49.65	ppb
Tin	118-1	0.00	0.03	0.02	0.01	80.23	ppb
Titanium	47-1	0.06	0.03	-0.03	0.02	194.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	278.02	ppb
Vanadium	51-2	0.11	0.02	0.02	0.05	97.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				81		%
Zinc	66-2	0.81	0.78	0.57	0.72	18.40	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.10	0.08	26.73	ppb
Zirconium	91-1	0.06	0.09	0.05	0.07	34.37	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.02	13.41	9.32	11.59	17.95	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	112.84	ppb
Arsenic	75-2	-0.05	0.02	0.06	0.01	603.60	ppb
Barium	135-1	8.30	8.10	8.65	8.35	3.33	ppb
Barium	137-1	8.25	8.88	8.83	8.65	4.01	ppb
Beryllium	9-1	0.06	0.04	0.03	0.04	32.71	ppb
Bismuth	209-1				118		%
Bismuth	209-2				96		%
Boron	10-1	23.66	20.60	19.45	21.24	10.25	ppb
Boron	11-1	20.11	20.61	21.33	20.68	2.97	ppb
Cadmium	111-1	-0.11	-0.05	-0.07	-0.08		ppb
Cadmium	106-1	-1.91	-0.82	-1.38	-1.37		ppb
Cadmium	108-1	-0.03	-0.03	-0.22	-0.09		ppb
Calcium	43-1	5326.05	5236.16	5356.39	5306.20	1.18	ppb
Calcium	44-1	5367.02	5321.82	5417.00	5368.62	0.89	ppb
Chromium	52-2	25.70	24.89	26.22	25.60	2.62	ppb
Cobalt	59-2	0.33	0.40	0.33	0.35	10.45	ppb
Copper	63-2	1.59	1.87	1.71	1.72	7.89	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				116		%
Holmium	165-2				93		%
Indium	115-1				107		%
Indium	115-2				81		%
Iron	56-2	1129.61	1107.84	1122.91	1120.12	1.00	ppb
Iron	57-2	1109.87	1113.59	1063.29	1095.58	2.56	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.31	0.33	0.33	7.65	ppb
Lead	207-1	0.29	0.27	0.25	0.27	7.59	ppb
Lead	208-1	0.30	0.28	0.27	0.28	4.94	ppb
Lithium	6-1				71		%
Magnesium	24-2	1280.43	1345.27	1271.45	1299.05	3.10	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1534.56	1502.07	1533.46	1523.36	1.21	ppb
Molybdenum	94-1	0.03	0.02	0.07	0.04	63.66	ppb
Molybdenum	95-1	0.08	0.06	0.03	0.06	39.88	ppb
Molybdenum	96-1	0.07	0.02	0.05	0.05	50.77	ppb
Molybdenum	97-1	0.15	0.24	0.27	0.22	29.99	ppb
Molybdenum	98-1	0.02	0.05	0.04	0.04	35.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.48	3.73	3.62	3.51	ppb
Phosphorus	31-2	-17.27	17.64	-34.50	-11.37		ppb
Potassium	39-2	163.62	173.79	205.16	180.86	11.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	0.38	-0.42	-0.16		ppb
Selenium	82-1	-2.61	-2.17	-1.41	-2.06		ppb
Silicon	28-1	412.40	398.45	412.41	407.75	1.98	ppb
Silver	109-1	0.03	0.03	0.05	0.04	35.88	ppb
Silver	107-1	0.05	0.05	0.05	0.05	8.54	ppb
Sodium	23-2	10669.59	10780.29	10827.24	10759.04	0.75	ppb
Strontium	86-1	14.93	14.62	14.57	14.70	1.32	ppb
Strontium	88-1	14.82	14.74	14.52	14.69	1.06	ppb
Sulfur	34-1	-1760.45	-2209.60	-1731.72	-1900.59		ppb
Terbium	159-1				116		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.02	0.03	0.03	36.90	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	31.59	ppb
Tin	118-1	0.03	0.01	0.02	0.02	59.80	ppb
Titanium	47-1	0.17	-0.12	-0.01	0.02	954.83	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.86	ppb
Vanadium	51-2	0.03	0.01	0.06	0.03	76.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	14.55	15.23	14.13	14.63	3.78	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	60.44	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	238.80	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:25:46	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.39	3.03	2.93	3.12	7.76	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	7.88	ppb
Arsenic	75-2	0.12	0.16	0.00	0.09	89.75	ppb
Barium	135-1	33.45	33.85	34.51	33.94	1.58	ppb
Barium	137-1	32.89	34.16	33.45	33.50	1.91	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	19.91	ppb
Bismuth	209-1				116		%
Bismuth	209-2				92		%
Boron	10-1	11.67	10.12	9.99	10.59	8.84	ppb
Boron	11-1	11.31	11.21	11.28	11.27	0.48	ppb
Cadmium	111-1	-0.03	0.00	-0.16	-0.06		ppb
Cadmium	106-1	-1.15	-0.36	-2.46	-1.33		ppb
Cadmium	108-1	-0.09	-0.03	-0.09	-0.07		ppb
Calcium	43-1	18172.78	18119.16	17846.04	18045.99	0.97	ppb
Calcium	44-1	18541.74	18540.91	18359.90	18480.85	0.57	ppb
Chromium	52-2	529.64	540.84	538.81	536.43	1.11	ppb
Cobalt	59-2	0.10	0.03	0.11	0.08	57.37	ppb
Copper	63-2	1.37	1.45	1.54	1.46	5.90	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				115		%
Holmium	165-2				89		%
Indium	115-1				104		%
Indium	115-2				77		%
Iron	56-2	10.22	10.34	10.45	10.33	1.10	ppb
Iron	57-2	13.41	5.54	10.71	9.89	40.46	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.20	0.18	11.67	ppb
Lead	207-1	0.20	0.17	0.13	0.17	22.57	ppb
Lead	208-1	0.18	0.15	0.14	0.15	13.05	ppb
Lithium	6-1				71		%
Magnesium	24-2	3734.32	3714.79	3815.91	3755.01	1.43	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:25:46	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	87.86	89.40	85.93	87.73	1.98	ppb
Molybdenum	94-1	0.09	0.08	0.06	0.08	19.63	ppb
Molybdenum	95-1	0.05	0.10	0.06	0.07	34.83	ppb
Molybdenum	96-1	0.11	0.03	0.08	0.07	53.90	ppb
Molybdenum	97-1	0.27	0.31	0.31	0.30	7.46	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.51	0.56	0.55	6.40	ppb
Phosphorus	31-2	-34.50	21.30	-34.50	-15.90		ppb
Potassium	39-2	329.52	348.96	349.27	342.58	3.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				79		%
Scandium	45-2				70		%
Selenium	77-2	5.36	0.00	5.34	3.57	86.60	ppb
Selenium	78-2	0.43	0.43	0.43	0.43	0.46	ppb
Selenium	82-1	-0.68	-3.10	-0.71	-1.50		ppb
Silicon	28-1	1128.56	1108.27	1099.10	1111.97	1.36	ppb
Silver	109-1	0.11	0.15	0.20	0.15	30.01	ppb
Silver	107-1	0.18	0.17	0.17	0.17	3.22	ppb
Sodium	23-2	16362.24	16577.91	16428.43	16456.19	0.67	ppb
Strontium	86-1	28.96	29.19	29.37	29.17	0.69	ppb
Strontium	88-1	29.09	29.03	29.56	29.23	0.99	ppb
Sulfur	34-1	-913.79	-1208.24	-1412.77	-1178.27		ppb
Terbium	159-1				114		%
Terbium	159-2				87		%
Thallium	203-1	0.02	0.03	0.01	0.02	49.58	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.13	ppb
Tin	118-1	0.06	0.09	0.04	0.06	38.96	ppb
Titanium	47-1	0.40	0.12	0.23	0.25	57.66	ppb
Uranium	238-1	0.08	0.06	0.07	0.07	15.17	ppb
Vanadium	51-2	0.24	0.32	0.32	0.29	15.22	ppb
Yttrium	89-1				96		%
Yttrium	89-2				75		%
Zinc	66-2	2.46	3.14	3.01	2.87	12.56	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:25:46	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	45.78	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	29.58	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DL2X20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-11 19:29:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128.82	123.53	119.37	123.91	3.82	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.29	ppb
Arsenic	75-2	0.04	0.21	-0.01	0.08	143.79	ppb
Barium	135-1	7.17	7.45	7.57	7.40	2.81	ppb
Barium	137-1	7.38	7.60	7.86	7.61	3.18	ppb
Beryllium	9-1	0.06	0.02	0.08	0.05	53.10	ppb
Bismuth	209-1				118		%
Bismuth	209-2				96		%
Boron	10-1	24.16	26.99	24.47	25.21	6.16	ppb
Boron	11-1	23.71	23.82	26.38	24.63	6.13	ppb
Cadmium	111-1	0.03	0.02	-0.03	0.01	455.58	ppb
Cadmium	106-1	-1.01	-1.45	-1.80	-1.42		ppb
Cadmium	108-1	0.21	0.03	0.28	0.17	75.01	ppb
Calcium	43-1	4674.92	4502.75	4514.67	4564.11	2.11	ppb
Calcium	44-1	4694.30	4543.03	4560.44	4599.26	1.80	ppb
Chromium	52-2	180.32	184.83	180.94	182.03	1.34	ppb
Cobalt	59-2	1.51	1.55	1.54	1.53	1.29	ppb
Copper	63-2	33.60	34.27	34.31	34.06	1.17	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				118		%
Holmium	165-2				95		%
Indium	115-1				108		%
Indium	115-2				82		%
Iron	56-2	1851.08	1867.33	1842.70	1853.70	0.68	ppb
Iron	57-2	1874.45	1909.38	1806.92	1863.58	2.80	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.21	0.11	0.16	31.76	ppb
Lead	207-1	0.12	0.15	0.15	0.14	12.00	ppb
Lead	208-1	0.14	0.17	0.12	0.14	19.96	ppb
Lithium	6-1				70		%
Magnesium	24-2	1317.10	1352.62	1328.05	1332.59	1.37	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DL2X20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-11 19:29:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.89	1003.47	995.38	998.91	0.41	ppb
Molybdenum	94-1	1.60	1.18	1.30	1.36	15.93	ppb
Molybdenum	95-1	0.52	0.58	0.62	0.57	8.80	ppb
Molybdenum	96-1	0.56	0.57	0.49	0.54	8.00	ppb
Molybdenum	97-1	0.86	0.77	0.67	0.77	12.33	ppb
Molybdenum	98-1	0.46	0.49	0.50	0.49	5.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.05	5.23	5.36	5.21	3.01	ppb
Phosphorus	31-2	17.06	18.03	34.86	23.31	42.93	ppb
Potassium	39-2	298.63	287.74	269.05	285.14	5.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				83		%
Scandium	45-2				74		%
Selenium	77-2	0.00	4.98	4.90	3.29	86.61	ppb
Selenium	78-2	2.75	2.76	2.71	2.74	0.92	ppb
Selenium	82-1	-2.04	-0.33	-0.47	-0.95		ppb
Silicon	28-1	631.24	612.99	624.13	622.79	1.48	ppb
Silver	109-1	1.08	1.17	1.16	1.14	4.35	ppb
Silver	107-1	1.17	1.17	1.16	1.17	0.45	ppb
Sodium	23-2	60272.78	61246.61	59905.73	60475.04	1.15	ppb
Strontium	86-1	10.62	10.92	10.71	10.75	1.45	ppb
Strontium	88-1	10.91	10.74	10.83	10.83	0.79	ppb
Sulfur	34-1	-1773.20	-2305.88	-2395.44	-2158.17		ppb
Terbium	159-1				118		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	0.01	0.01	36.47	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	86.75	ppb
Tin	118-1	0.06	0.06	0.04	0.06	18.68	ppb
Titanium	47-1	1.39	1.05	1.01	1.15	17.94	ppb
Uranium	238-1	0.03	0.05	0.05	0.04	25.59	ppb
Vanadium	51-2	0.18	0.15	0.14	0.16	13.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				81		%
Zinc	66-2	12.56	12.21	11.17	11.98	6.04	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DL2X20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-11 19:29:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.69	0.70	0.63	0.67	5.29	ppb
Zirconium	91-1	0.79	0.70	0.73	0.74	6.63	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DL2X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:32:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.76	3.71	5.24	3.90	31.99	ppb
Antimony	121-1	0.12	0.11	0.11	0.12	5.60	ppb
Arsenic	75-2	0.07	0.14	0.25	0.15	60.10	ppb
Barium	135-1	33.29	33.26	34.27	33.61	1.71	ppb
Barium	137-1	34.39	33.87	34.22	34.16	0.77	ppb
Beryllium	9-1	-0.01	0.04	0.01	0.02	155.40	ppb
Bismuth	209-1				116		%
Bismuth	209-2				90		%
Boron	10-1	8.28	9.23	9.22	8.91	6.10	ppb
Boron	11-1	10.43	9.19	9.39	9.67	6.88	ppb
Cadmium	111-1	0.00	-0.03	-0.09	-0.04		ppb
Cadmium	106-1	0.05	-0.71	-1.47	-0.71		ppb
Cadmium	108-1	0.04	0.04	-0.15	-0.03		ppb
Calcium	43-1	18213.41	18132.60	17803.20	18049.74	1.20	ppb
Calcium	44-1	18417.30	18564.38	18307.67	18429.79	0.70	ppb
Chromium	52-2	520.68	527.41	514.59	520.89	1.23	ppb
Cobalt	59-2	-0.01	-0.02	0.01	0.00		ppb
Copper	63-2	1.39	1.41	1.34	1.38	2.70	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				115		%
Holmium	165-2				88		%
Indium	115-1				104		%
Indium	115-2				76		%
Iron	56-2	6.10	5.83	5.21	5.71	7.96	ppb
Iron	57-2	6.87	4.22	7.16	6.09	26.62	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.13	0.07	79.35	ppb
Lead	207-1	0.05	0.11	0.09	0.08	33.59	ppb
Lead	208-1	0.06	0.07	0.09	0.07	21.04	ppb
Lithium	6-1				71		%
Magnesium	24-2	4296.12	4290.10	4200.64	4262.28	1.25	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DL2X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:32:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.53	0.50	0.53	4.85	ppb
Molybdenum	94-1	0.15	0.19	0.17	0.17	11.33	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	11.86	ppb
Molybdenum	96-1	0.02	0.06	0.04	0.04	41.72	ppb
Molybdenum	97-1	0.27	0.26	0.38	0.30	22.34	ppb
Molybdenum	98-1	0.07	0.05	0.08	0.07	23.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.66	0.67	0.70	7.74	ppb
Phosphorus	31-2	3.34	-15.48	-34.50	-15.55		ppb
Potassium	39-2	359.48	346.78	325.69	343.98	4.96	ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				68		%
Selenium	77-2	0.00	10.87	0.00	3.62	173.21	ppb
Selenium	78-2	1.29	1.31	0.43	1.01	49.40	ppb
Selenium	82-1	-0.82	-0.95	-1.89	-1.22		ppb
Silicon	28-1	1175.06	1174.93	1152.17	1167.39	1.13	ppb
Silver	109-1	0.14	0.10	0.13	0.12	14.59	ppb
Silver	107-1	0.12	0.13	0.15	0.13	10.48	ppb
Sodium	23-2	17914.52	17840.75	17636.31	17797.19	0.81	ppb
Strontium	86-1	36.81	35.60	35.74	36.05	1.83	ppb
Strontium	88-1	36.61	35.49	36.36	36.15	1.63	ppb
Sulfur	34-1	-967.22	-1455.92	-1623.82	-1348.99		ppb
Terbium	159-1				114		%
Terbium	159-2				86		%
Thallium	203-1	0.02	0.02	0.01	0.02	38.15	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	104.17	ppb
Tin	118-1	0.03	0.02	0.04	0.03	33.14	ppb
Titanium	47-1	0.12	0.07	0.02	0.07	68.53	ppb
Uranium	238-1	0.11	0.11	0.12	0.11	3.26	ppb
Vanadium	51-2	0.34	0.27	0.34	0.32	11.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	3.74	3.49	4.79	4.01	17.20	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DL2X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:32:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.07	0.07	0.08	11.64	ppb
Zirconium	91-1	0.10	0.05	0.08	0.07	34.70	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 19:36:09 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.52	29.36	32.32	29.40	9.86	ppb
Antimony	121-1	-0.01	0.01	-0.01	0.00		ppb
Arsenic	75-2	0.19	0.10	0.08	0.12	45.59	ppb
Barium	135-1	0.84	0.83	0.84	0.84	0.55	ppb
Barium	137-1	0.89	0.97	0.87	0.91	5.69	ppb
Beryllium	9-1	0.00	0.02	-0.01	0.01	244.25	ppb
Bismuth	209-1				120		%
Bismuth	209-2				97		%
Boron	10-1	11.23	12.01	14.67	12.64	14.26	ppb
Boron	11-1	13.23	13.88	13.41	13.51	2.46	ppb
Cadmium	111-1	-0.08	-0.13	-0.15	-0.12		ppb
Cadmium	106-1	-1.33	-2.12	-2.30	-1.91		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	1161.96	1188.97	1209.86	1186.93	2.02	ppb
Calcium	44-1	1134.16	1146.85	1165.93	1148.98	1.39	ppb
Chromium	52-2	44.05	45.00	47.14	45.40	3.49	ppb
Cobalt	59-2	0.82	0.94	0.93	0.90	7.03	ppb
Copper	63-2	4.35	4.27	3.88	4.17	6.06	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				118		%
Holmium	165-2				93		%
Indium	115-1				107		%
Indium	115-2				81		%
Iron	56-2	2866.87	2870.27	2956.61	2897.92	1.75	ppb
Iron	57-2	2894.64	2801.33	2927.40	2874.46	2.28	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.17	0.14	19.53	ppb
Lead	207-1	0.14	0.10	0.13	0.12	13.76	ppb
Lead	208-1	0.12	0.10	0.13	0.11	11.98	ppb
Lithium	6-1				70		%
Magnesium	24-2	338.43	339.44	369.95	349.27	5.13	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:36:09	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.69	984.55	999.99	988.08	1.07	ppb
Molybdenum	94-1	1.63	1.61	1.50	1.58	4.37	ppb
Molybdenum	95-1	0.07	0.12	0.11	0.10	26.55	ppb
Molybdenum	96-1	0.28	0.31	0.32	0.30	6.15	ppb
Molybdenum	97-1	0.28	0.34	0.32	0.31	9.65	ppb
Molybdenum	98-1	0.09	0.12	0.11	0.11	14.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.98	2.55	2.97	2.83	8.61	ppb
Phosphorus	31-2	-17.14	53.25	-34.50	0.54	8605.57	ppb
Potassium	39-2	483.67	506.88	507.66	499.40	2.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				82		%
Scandium	45-2				73		%
Selenium	77-2	9.99	0.00	4.99	4.99	100.02	ppb
Selenium	78-2	0.37	0.38	1.17	0.64	71.65	ppb
Selenium	82-1	-0.20	-0.52	-2.36	-1.03		ppb
Silicon	28-1	286.30	295.34	296.82	292.82	1.95	ppb
Silver	109-1	0.18	0.18	0.18	0.18	2.39	ppb
Silver	107-1	0.21	0.18	0.18	0.19	8.71	ppb
Sodium	23-2	10446.11	10496.54	10758.36	10567.00	1.59	ppb
Strontium	86-1	9.89	10.59	10.07	10.18	3.56	ppb
Strontium	88-1	9.93	9.94	9.93	9.93	0.06	ppb
Sulfur	34-1	-2224.45	-2126.15	-1938.62	-2096.40		ppb
Terbium	159-1				117		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.00	0.01	0.00	87.73	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	78.10	ppb
Tin	118-1	-0.01	0.01	0.02	0.00	328.30	ppb
Titanium	47-1	0.12	0.18	0.22	0.17	29.87	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	216.20	ppb
Vanadium	51-2	0.05	0.08	0.11	0.08	35.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	4.18	4.08	4.57	4.28	5.99	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:36:09	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.12	1.04	1.07	1.08	3.41	ppb
Zirconium	91-1	1.07	1.07	1.05	1.06	1.46	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:39:37 DataFile Name : 085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	379.35	392.00	397.14	389.50	2.35	ppb
Antimony	121-1	0.16	0.20	0.20	0.19	13.19	ppb
Arsenic	75-2	0.50	0.30	0.61	0.47	33.86	ppb
Barium	135-1	2.79	2.17	2.28	2.41	13.71	ppb
Barium	137-1	2.44	2.42	2.26	2.37	4.10	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	13.76	ppb
Bismuth	209-1				117		%
Bismuth	209-2				91		%
Boron	10-1	12.01	10.82	8.38	10.40	17.81	ppb
Boron	11-1	9.61	9.68	9.98	9.76	1.98	ppb
Cadmium	111-1	-0.03	-0.02	-0.06	-0.04		ppb
Cadmium	106-1	-0.97	-0.74	-1.19	-0.97		ppb
Cadmium	108-1	0.22	-0.03	0.22	0.14	106.22	ppb
Calcium	43-1	771.75	783.44	798.04	784.41	1.68	ppb
Calcium	44-1	761.99	775.14	773.35	770.16	0.93	ppb
Chromium	52-2	1396.57	1379.29	1378.11	1384.66	0.75	ppb
Cobalt	59-2	0.21	0.21	0.19	0.20	6.37	ppb
Copper	63-2	50.88	50.69	50.74	50.77	0.19	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				117		%
Holmium	165-2				89		%
Indium	115-1				104		%
Indium	115-2				76		%
Iron	56-2	245.07	241.53	240.73	242.44	0.95	ppb
Iron	57-2	245.27	244.98	237.45	242.57	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.42	0.36	0.38	8.63	ppb
Lead	207-1	0.27	0.28	0.32	0.29	8.39	ppb
Lead	208-1	0.30	0.33	0.32	0.31	5.54	ppb
Lithium	6-1				70		%
Magnesium	24-2	444.95	404.25	423.11	424.10	4.80	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:39:37	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.72	23.47	23.69	23.30	2.17	ppb
Molybdenum	94-1	4.75	4.41	5.12	4.76	7.49	ppb
Molybdenum	95-1	0.52	0.46	0.39	0.46	13.82	ppb
Molybdenum	96-1	1.02	1.08	1.11	1.07	4.10	ppb
Molybdenum	97-1	0.86	0.74	0.79	0.80	7.89	ppb
Molybdenum	98-1	0.48	0.44	0.54	0.49	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.63	3.85	4.49	4.32	9.67	ppb
Phosphorus	31-2	41.81	155.63	117.34	104.93	55.20	ppb
Potassium	39-2	174.26	155.57	168.18	166.00	5.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				85		%
Scandium	45-1				78		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	10.59	3.53	173.21	ppb
Selenium	78-2	1.27	2.14	1.26	1.56	32.16	ppb
Selenium	82-1	-0.78	-1.10	-1.38	-1.09		ppb
Silicon	28-1	251.21	253.32	249.55	251.36	0.75	ppb
Silver	109-1	3.39	3.32	3.43	3.38	1.62	ppb
Silver	107-1	3.40	3.10	3.32	3.27	4.68	ppb
Sodium	23-2	71952.72	69518.46	71750.35	71073.84	1.90	ppb
Strontium	86-1	3.08	3.00	3.04	3.04	1.29	ppb
Strontium	88-1	3.17	3.16	3.09	3.14	1.42	ppb
Sulfur	34-1	-2489.65	-2191.33	-2641.14	-2440.71		ppb
Terbium	159-1				116		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.00	0.00	0.01	59.87	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	61.80	ppb
Tin	118-1	0.10	0.17	0.12	0.13	25.00	ppb
Titanium	47-1	0.44	0.50	0.42	0.45	9.76	ppb
Uranium	238-1	0.11	0.10	0.07	0.09	22.96	ppb
Vanadium	51-2	0.71	0.83	0.87	0.80	10.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				75		%
Zinc	66-2	4.04	4.06	4.32	4.14	3.77	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:39:37	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.85	2.82	2.86	2.84	0.73	ppb
Zirconium	91-1	2.76	2.88	2.83	2.82	2.30	ppb

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:43:05 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.44	9.16	15.47	12.02	26.59	ppb
Antimony	121-1	0.21	0.23	0.24	0.22	6.43	ppb
Arsenic	75-2	0.07	0.12	0.07	0.09	30.08	ppb
Barium	135-1	34.72	34.14	33.85	34.24	1.29	ppb
Barium	137-1	35.40	33.43	34.06	34.30	2.94	ppb
Beryllium	9-1	0.01	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				91		%
Boron	10-1	11.43	10.66	10.90	11.00	3.58	ppb
Boron	11-1	10.14	10.62	11.32	10.69	5.58	ppb
Cadmium	111-1	-0.14	-0.14	-0.16	-0.15		ppb
Cadmium	106-1	-1.90	-2.04	-2.27	-2.07		ppb
Cadmium	108-1	-0.22	-0.15	-0.09	-0.15		ppb
Calcium	43-1	17407.18	17550.61	17490.17	17482.65	0.41	ppb
Calcium	44-1	17907.18	17858.40	17693.57	17819.72	0.63	ppb
Chromium	52-2	463.83	461.76	468.38	464.66	0.73	ppb
Cobalt	59-2	0.04	0.00	0.03	0.03	71.26	ppb
Copper	63-2	0.99	0.97	0.95	0.97	1.63	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				116		%
Holmium	165-2				87		%
Indium	115-1				105		%
Indium	115-2				75		%
Iron	56-2	20.93	20.55	20.98	20.82	1.13	ppb
Iron	57-2	27.95	18.00	22.46	22.80	21.86	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.06	0.03	0.07	64.89	ppb
Lead	207-1	0.06	0.08	0.04	0.06	32.14	ppb
Lead	208-1	0.07	0.08	0.05	0.07	22.20	ppb
Lithium	6-1				70		%
Magnesium	24-2	3461.62	3426.91	3446.64	3445.06	0.51	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:43:05	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.07	4.64	4.64	4.45	7.34	ppb
Molybdenum	94-1	0.38	0.34	0.30	0.34	11.77	ppb
Molybdenum	95-1	0.49	0.54	0.47	0.50	6.99	ppb
Molybdenum	96-1	0.49	0.50	0.51	0.50	2.08	ppb
Molybdenum	97-1	0.72	0.88	0.79	0.80	10.01	ppb
Molybdenum	98-1	0.51	0.41	0.56	0.49	16.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.82	0.82	0.84	5.14	ppb
Phosphorus	31-2	22.85	-34.50	-15.04	-8.89		ppb
Potassium	39-2	445.00	414.72	447.91	435.88	4.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				84		%
Scandium	45-1				76		%
Scandium	45-2				67		%
Selenium	77-2	0.00	10.83	0.00	3.61	173.21	ppb
Selenium	78-2	0.44	3.03	-0.42	1.02	177.05	ppb
Selenium	82-1	-3.55	-2.64	-3.28	-3.16		ppb
Silicon	28-1	1240.46	1257.87	1222.11	1240.15	1.44	ppb
Silver	109-1	0.10	0.15	0.11	0.12	21.66	ppb
Silver	107-1	0.10	0.11	0.11	0.11	4.76	ppb
Sodium	23-2	18930.07	18917.52	18922.62	18923.40	0.03	ppb
Strontium	86-1	26.34	27.15	26.38	26.62	1.71	ppb
Strontium	88-1	26.55	27.01	26.48	26.68	1.09	ppb
Sulfur	34-1	-2080.23	-2045.39	-2088.62	-2071.41		ppb
Terbium	159-1				114		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.00	0.01	0.01	71.42	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	114.45	ppb
Tin	118-1	0.05	0.07	0.07	0.06	14.12	ppb
Titanium	47-1	0.26	0.36	0.28	0.30	17.96	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	6.64	ppb
Vanadium	51-2	0.34	0.39	0.38	0.37	7.61	ppb
Yttrium	89-1				94		%
Yttrium	89-2				74		%
Zinc	66-2	2.94	2.87	2.52	2.78	8.02	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:43:05	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	5.61	ppb
Zirconium	91-1	0.36	0.06	0.03	0.15	123.82	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48379.26	48022.72	48070.55	48157.51	0.40	ppb
Antimony	121-1	474.44	479.59	481.26	478.43	0.74	ppb
Arsenic	75-2	499.60	503.84	507.49	503.64	0.78	ppb
Barium	135-1	2391.90	2405.39	2428.21	2408.50	0.76	ppb
Barium	137-1	2372.52	2414.53	2399.15	2395.40	0.89	ppb
Beryllium	9-1	572.73	584.86	584.93	580.84	1.21	ppb
Bismuth	209-1				117		%
Bismuth	209-2				101		%
Boron	10-1	583.07	586.14	612.72	593.98	2.75	ppb
Boron	11-1	569.03	578.41	585.41	577.62	1.42	ppb
Cadmium	111-1	445.91	448.97	457.20	450.70	1.30	ppb
Cadmium	106-1	437.22	456.94	451.82	448.66	2.28	ppb
Cadmium	108-1	449.65	461.33	457.14	456.04	1.30	ppb
Calcium	43-1	228670.09	236159.26	233230.64	232686.66	1.62	ppb
Calcium	44-1	231105.28	234279.46	233046.11	232810.29	0.69	ppb
Chromium	52-2	543.74	531.09	535.32	536.72	1.20	ppb
Cobalt	59-2	543.92	533.20	534.97	537.36	1.07	ppb
Copper	63-2	1056.92	1034.51	1041.73	1044.39	1.09	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				122		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				87		%
Iron	56-2	131613.31	128117.33	127845.88	129192.17	1.63	ppb
Iron	57-2	133911.26	130129.90	129929.75	131323.64	1.71	ppb
Krypton	83-1						cps
Lead	206-1	500.23	501.51	493.61	498.45	0.85	ppb
Lead	207-1	500.11	494.03	494.97	496.37	0.66	ppb
Lead	208-1	506.72	505.58	503.76	505.36	0.30	ppb
Lithium	6-1				76		%
Magnesium	24-2	250755.88	250157.03	246771.47	249228.13	0.86	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.35	1000.01	1004.94	1006.43	0.72	ppb
Molybdenum	94-1	2477.15	2496.57	2491.03	2488.25	0.40	ppb
Molybdenum	95-1	2475.87	2503.49	2501.69	2493.68	0.62	ppb
Molybdenum	96-1	2458.74	2498.48	2501.86	2486.36	0.96	ppb
Molybdenum	97-1	2502.31	2537.25	2511.50	2517.02	0.72	ppb
Molybdenum	98-1	2493.08	2526.82	2497.43	2505.78	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.63	531.83	538.87	538.11	1.10	ppb
Phosphorus	31-2	9184.13	9961.64	10042.41	9729.39	4.87	ppb
Potassium	39-2	119910.27	122074.24	120977.61	120987.37	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				84		%
Selenium	77-2	502.04	524.11	456.03	494.06	7.03	ppb
Selenium	78-2	472.60	494.53	483.32	483.49	2.27	ppb
Selenium	82-1	478.03	484.60	474.56	479.06	1.06	ppb
Silicon	28-1	432.97	441.01	456.10	443.36	2.65	ppb
Silver	109-1	451.00	460.44	462.97	458.14	1.38	ppb
Silver	107-1	447.14	450.67	459.82	452.54	1.45	ppb
Sodium	23-2	253076.29	247567.21	251025.07	250556.19	1.11	ppb
Strontium	86-1	484.06	491.07	493.25	489.46	0.98	ppb
Strontium	88-1	497.89	503.80	498.66	500.11	0.64	ppb
Sulfur	34-1	7581.27	8184.07	8121.32	7962.22	4.16	ppb
Terbium	159-1				120		%
Terbium	159-2				100		%
Thallium	203-1	490.61	490.69	487.29	489.53	0.40	ppb
Thallium	205-1	516.69	517.16	517.36	517.07	0.07	ppb
Tin	118-1	446.83	450.87	454.39	450.70	0.84	ppb
Titanium	47-1	2458.33	2526.57	2512.79	2499.23	1.44	ppb
Uranium	238-1	519.07	515.27	513.20	515.85	0.58	ppb
Vanadium	51-2	538.92	526.21	528.19	531.11	1.29	ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	1052.03	1027.90	1035.02	1038.32	1.19	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.16	501.23	495.93	498.44	0.53	ppb
Zirconium	91-1	480.01	482.80	481.75	481.52	0.29	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:51:03	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	1.08	0.88	0.92	16.01	ppb
Antimony	121-1	0.16	0.20	0.22	0.19	13.85	ppb
Arsenic	75-2	0.01	-0.03	0.03	0.00	2735.14	ppb
Barium	135-1	0.05	0.04	0.05	0.05	14.15	ppb
Barium	137-1	0.05	0.06	0.02	0.04	50.99	ppb
Beryllium	9-1	0.13	0.08	0.04	0.08	52.06	ppb
Bismuth	209-1				123		%
Bismuth	209-2				104		%
Boron	10-1	6.12	4.58	4.68	5.13	16.70	ppb
Boron	11-1	5.43	5.13	4.11	4.89	14.13	ppb
Cadmium	111-1	-0.09	-0.10	-0.07	-0.09		ppb
Cadmium	106-1	-1.20	-1.62	-1.19	-1.34		ppb
Cadmium	108-1	-0.22	-0.22	-0.15	-0.20		ppb
Calcium	43-1	2.70	-5.06	-6.56	-2.97		ppb
Calcium	44-1	-34.24	-32.20	-44.75	-37.06		ppb
Chromium	52-2	0.34	0.13	0.29	0.25	43.92	ppb
Cobalt	59-2	0.01	0.03	-0.02	0.00	655.89	ppb
Copper	63-2	0.06	0.05	0.03	0.05	33.06	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				118		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	3.46	2.92	3.30	3.23	8.61	ppb
Iron	57-2	7.20	1.56	6.90	5.22	60.77	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.22	0.21	0.20	9.99	ppb
Lead	207-1	0.23	0.25	0.19	0.23	14.47	ppb
Lead	208-1	0.21	0.21	0.21	0.21	1.97	ppb
Lithium	6-1				77		%
Magnesium	24-2	7.73	1.60	2.77	4.03	80.67	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:51:03	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.21	0.33	0.24	29.53	ppb
Molybdenum	94-1	0.16	0.18	0.11	0.15	24.68	ppb
Molybdenum	95-1	0.21	0.23	0.14	0.19	24.91	ppb
Molybdenum	96-1	0.24	0.22	0.16	0.21	20.10	ppb
Molybdenum	97-1	0.36	0.46	0.28	0.37	25.60	ppb
Molybdenum	98-1	0.23	0.19	0.21	0.21	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.03	0.01	266.85	ppb
Phosphorus	31-2	-2.49	-18.68	-34.50	-18.56		ppb
Potassium	39-2	30.12	30.19	13.70	24.67	38.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-0.42	2.52	0.80	191.31	ppb
Selenium	82-1	-0.42	-1.28	0.78	-0.31		ppb
Silicon	28-1	-32.62	-33.57	-34.32	-33.50		ppb
Silver	109-1	0.04	0.02	0.04	0.03	27.86	ppb
Silver	107-1	0.05	0.04	0.02	0.03	38.28	ppb
Sodium	23-2	126.65	114.99	118.78	120.14	4.95	ppb
Strontium	86-1	0.00	-0.12	-0.07	-0.06		ppb
Strontium	88-1	0.02	0.01	0.00	0.01	64.61	ppb
Sulfur	34-1	-2102.28	-2253.00	-2579.58	-2311.62		ppb
Terbium	159-1				118		%
Terbium	159-2				98		%
Thallium	203-1	0.25	0.12	0.10	0.15	51.08	ppb
Thallium	205-1	0.15	0.14	0.09	0.12	25.65	ppb
Tin	118-1	0.01	0.06	0.01	0.03	96.60	ppb
Titanium	47-1	-0.07	-0.08	-0.08	-0.08		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	44.78	ppb
Vanadium	51-2	-0.03	0.02	0.03	0.00	1025.92	ppb
Yttrium	89-1				102		%
Yttrium	89-2				86		%
Zinc	66-2	0.19	0.18	0.05	0.14	54.65	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:51:03	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.00	0.02	79.71	ppb
Zirconium	91-1	0.00	0.04	0.04	0.02	82.92	ppb

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:23:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	65	65	62	9.37	cps
Antimony	121-1	100	67	58	75	29.40	cps
Arsenic	75-2	11	9	9	10	10.81	cps
Barium	135-1	42	42	0	28	86.60	cps
Barium	137-1	33	42	33	36	13.33	cps
Beryllium	9-1	33	17	17	22	43.28	cps
Bismuth	209-1	1347078	1336588	1342953	1342206	0.39	cps
Bismuth	209-2	683096	681777	680000	681624	0.23	cps
Boron	10-1	33	58	50	47	26.95	cps
Boron	11-1	158	158	142	153	6.30	cps
Cadmium	111-1	532	540	446	506	10.33	cps
Cadmium	106-1	758	758	642	719	9.36	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	343	303	377	341	10.76	cps
Calcium	44-1	75441	76011	75749	75734	0.38	cps
Chromium	52-2	2220	2300	2200	2240	2.36	cps
Cobalt	59-2	120	117	140	126	10.05	cps
Copper	63-2	140	147	160	149	6.84	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2427045	2444276	2444034	2438452	0.41	cps
Holmium	165-2	973379	973653	973458	973497	0.01	cps
Indium	115-1	2625047	2620964	2612387	2619466	0.25	cps
Indium	115-2	235100	234287	233047	234145	0.44	cps
Iron	56-2	5073	4945	4834	4951	2.42	cps
Iron	57-2	161	139	100	133	23.20	cps
Krypton	83-1	573	577	497	549	8.25	cps
Lead	206-1	128	106	122	119	9.76	cps
Lead	207-1	67	133	122	107	33.25	cps
Lead	208-1	567	639	617	607	6.09	cps
Lithium	6-1	271689	271580	274264	272511	0.56	cps
Magnesium	24-2	300	400	392	364	15.25	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:23:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	83	87	83	4.00	cps
Molybdenum	94-1	125	133	183	147	21.43	cps
Molybdenum	95-1	58	17	67	47	56.72	cps
Molybdenum	96-1	117	75	117	103	23.41	cps
Molybdenum	97-1	117	158	150	142	15.56	cps
Molybdenum	98-1	58	67	50	58	14.29	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	120	100	107	10.83	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	6502	5801	5360	5888	9.78	cps
Rhodium	103-1	2802554	2813929	2837530	2818004	0.63	cps
Rhodium	103-2	1194634	1180596	1187437	1187556	0.59	cps
Scandium	45-1	2485620	2450417	2471865	2469301	0.72	cps
Scandium	45-2	37540	37383	37767	37564	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-136	-103	-19	-86	-70.35	cps
Silicon	28-1	303286	299532	295529	299449	1.30	cps
Silver	109-1	17	25	17	19	24.73	cps
Silver	107-1	33	42	25	33	25.01	cps
Sodium	23-2	13323	13590	12623	13179	3.79	cps
Strontium	86-1	692	808	817	772	9.05	cps
Strontium	88-1	42	50	83	58	37.80	cps
Sulfur	34-1	378730	382923	382881	381511	0.63	cps
Terbium	159-1	2612775	2618549	2633659	2621661	0.41	cps
Terbium	159-2	1016668	1004411	1004930	1008670	0.69	cps
Thallium	203-1	25	25	8	19	49.50	cps
Thallium	205-1	25	75	75	58	49.49	cps
Tin	118-1	167	225	233	208	17.44	cps
Titanium	47-1	200	150	58	136	52.78	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-2	20	33	23	26	27.15	cps
Yttrium	89-1	3322324	3300061	3376658	3333014	1.18	cps
Yttrium	89-2	204015	201767	200314	202032	0.92	cps
Zinc	66-2	83	63	107	84	25.69	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:23:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	267	158	194	32.17	cps
Zirconium	91-1	33	50	33	39	24.75	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:30:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228	223	208	219	4.75	cps
Antimony	121-1	6594	6794	6327	6571	3.56	cps
Arsenic	75-2	96	85	126	102	20.55	cps
Barium	135-1	6277	6552	6418	6416	2.14	cps
Barium	137-1	11339	11072	11697	11369	2.76	cps
Beryllium	9-1	530	500	517	516	2.92	cps
Bismuth	209-1	1345639	1351934	1343378	1346984	0.33	cps
Bismuth	209-2	682944	684277	678758	681993	0.42	cps
Boron	10-1	1767	1742	1809	1772	1.90	cps
Boron	11-1	9012	9262	9245	9173	1.52	cps
Cadmium	111-1	1454	1361	1368	1394	3.71	cps
Cadmium	106-1	908	792	908	870	7.75	cps
Cadmium	108-1	88	38	92	72	41.74	cps
Calcium	43-1	6288	6028	6395	6237	3.03	cps
Calcium	44-1	171812	171828	172496	172045	0.23	cps
Chromium	52-2	3884	3631	3834	3783	3.55	cps
Cobalt	59-2	1713	1667	1713	1698	1.59	cps
Copper	63-2	2774	2674	2794	2747	2.34	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	2397408	2409797	2403653	2403619	0.26	cps
Holmium	165-2	980494	980693	977159	979448	0.20	cps
Indium	115-1	2643435	2619763	2611883	2625027	0.63	cps
Indium	115-2	232682	232655	233000	232779	0.08	cps
Iron	56-2	35474	35329	35156	35320	0.45	cps
Iron	57-2	978	839	883	900	7.88	cps
Krypton	83-1	530	530	593	551	6.64	cps
Lead	206-1	1445	1339	1333	1372	4.56	cps
Lead	207-1	1267	1261	1400	1309	6.01	cps
Lead	208-1	7034	7023	7140	7066	0.91	cps
Lithium	6-1	274105	273620	273085	273603	0.19	cps
Magnesium	24-2	18538	16819	17028	17461	5.37	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:30:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	310	393	351	11.87	cps
Molybdenum	94-1	6485	7144	7069	6899	5.23	cps
Molybdenum	95-1	8745	9054	8820	8873	1.81	cps
Molybdenum	96-1	10188	9504	9487	9726	4.11	cps
Molybdenum	97-1	5768	5335	5001	5368	7.16	cps
Molybdenum	98-1	13532	13591	14250	13791	2.89	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	557	603	600	587	4.44	cps
Phosphorus	31-2	42	17	58	39	53.93	cps
Potassium	39-2	15818	15659	15409	15629	1.32	cps
Rhodium	103-1	2812953	2789128	2780770	2794284	0.60	cps
Rhodium	103-2	1198497	1191194	1188213	1192635	0.44	cps
Scandium	45-1	2463956	2537213	2504038	2501736	1.47	cps
Scandium	45-2	37303	38145	37366	37605	1.25	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	30	15	31	25	36.11	cps
Selenium	82-1	275	200	133	202	35.19	cps
Silicon	28-1	322780	324851	323414	323682	0.33	cps
Silver	109-1	3784	3542	3509	3612	4.16	cps
Silver	107-1	3834	4051	4051	3979	3.15	cps
Sodium	23-2	48952	48826	48300	48693	0.71	cps
Strontium	86-1	1675	1884	1558	1706	9.65	cps
Strontium	88-1	9145	9387	9137	9223	1.54	cps
Sulfur	34-1	386112	389071	386779	387321	0.40	cps
Terbium	159-1	2641562	2607672	2614823	2621352	0.68	cps
Terbium	159-2	1004015	1014431	1004253	1007566	0.59	cps
Thallium	203-1	1817	1750	1750	1772	2.17	cps
Thallium	205-1	3884	4176	4118	4059	3.80	cps
Tin	118-1	11722	11505	11781	11669	1.24	cps
Titanium	47-1	3234	3384	3109	3242	4.25	cps
Uranium	238-1	4443	4543	4701	4562	2.86	cps
Vanadium	51-2	3040	2977	2930	2983	1.85	cps
Yttrium	89-1	3310977	3304496	3333982	3316485	0.47	cps
Yttrium	89-2	203418	202421	200561	202133	0.72	cps
Zinc	66-2	380	380	397	386	2.50	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:30:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5943	6152	6068	6054	1.73	cps
Zirconium	91-1	1342	1500	1292	1378	7.89	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:34:19	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8154	8240	8497	8297	2.15	cps
Antimony	121-1	178308	176703	180388	178466	1.04	cps
Arsenic	75-2	5714	5501	5331	5515	3.48	cps
Barium	135-1	171750	172038	172224	172004	0.14	cps
Barium	137-1	296151	296117	298576	296948	0.47	cps
Beryllium	9-1	27229	27627	27567	27474	0.78	cps
Bismuth	209-1	1351872	1342276	1349377	1347841	0.37	cps
Bismuth	209-2	694511	694878	698186	695858	0.29	cps
Boron	10-1	3717	4026	3892	3878	3.99	cps
Boron	11-1	19723	20966	21283	20657	3.99	cps
Cadmium	111-1	43119	42909	43787	43272	1.06	cps
Cadmium	106-1	5110	5185	5260	5185	1.45	cps
Cadmium	108-1	2942	3192	3255	3130	5.28	cps
Calcium	43-1	65230	64654	64614	64833	0.53	cps
Calcium	44-1	1133749	1148165	1134842	1138919	0.70	cps
Chromium	52-2	46701	46093	46708	46501	0.76	cps
Cobalt	59-2	83468	85856	86185	85170	1.74	cps
Copper	63-2	143778	144836	142569	143728	0.79	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	2462550	2454962	2451175	2456229	0.24	cps
Holmium	165-2	1000910	1002372	1001122	1001468	0.08	cps
Indium	115-1	2588304	2650558	2642427	2627097	1.29	cps
Indium	115-2	236938	234835	234546	235440	0.55	cps
Iron	56-2	1567786	1593040	1589012	1583280	0.86	cps
Iron	57-2	39557	39841	39434	39610	0.53	cps
Krypton	83-1	513	593	600	569	8.48	cps
Lead	206-1	73764	72998	73194	73319	0.54	cps
Lead	207-1	64681	65681	67077	65813	1.83	cps
Lead	208-1	359635	359166	365307	361369	0.95	cps
Lithium	6-1	278048	277755	278976	278259	0.23	cps
Magnesium	24-2	186417	184797	185310	185508	0.45	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:34:19	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27985	28088	28232	28102	0.44	cps
Molybdenum	94-1	368729	371790	370492	370337	0.41	cps
Molybdenum	95-1	452082	454766	455939	454262	0.44	cps
Molybdenum	96-1	494096	497623	496897	496206	0.38	cps
Molybdenum	97-1	280381	276307	273062	276583	1.33	cps
Molybdenum	98-1	717874	706728	708034	710879	0.86	cps
Neodymium	150-1	13	60	0	24	128.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24839	25086	25704	25210	1.77	cps
Phosphorus	31-2	717	758	800	758	5.49	cps
Potassium	39-2	61711	61486	62163	61787	0.56	cps
Rhodium	103-1	2789462	2797935	2789201	2792199	0.18	cps
Rhodium	103-2	1187654	1200291	1187516	1191820	0.62	cps
Scandium	45-1	2481747	2536310	2476039	2498032	1.33	cps
Scandium	45-2	37631	37156	38513	37766	1.82	cps
Selenium	77-2	80	47	50	59	31.17	cps
Selenium	78-2	130	150	211	164	25.93	cps
Selenium	82-1	3274	3294	3176	3248	1.94	cps
Silicon	28-1	460119	460971	463696	461595	0.40	cps
Silver	109-1	203221	200194	199584	201000	0.97	cps
Silver	107-1	213423	216082	214442	214649	0.62	cps
Sodium	23-2	410562	413656	416368	413529	0.70	cps
Strontium	86-1	60402	59230	59430	59687	1.05	cps
Strontium	88-1	498393	499866	498620	498959	0.16	cps
Sulfur	34-1	403793	397407	398809	400003	0.84	cps
Terbium	159-1	2663329	2663987	2697737	2675017	0.74	cps
Terbium	159-2	1031462	1038475	1030497	1033478	0.42	cps
Thallium	203-1	91814	91093	92485	91798	0.76	cps
Thallium	205-1	217036	211655	213488	214060	1.28	cps
Tin	118-1	124417	125123	125106	124882	0.32	cps
Titanium	47-1	162694	164515	161134	162781	1.04	cps
Uranium	238-1	256745	258468	254900	256704	0.70	cps
Vanadium	51-2	32344	31616	32962	32307	2.09	cps
Yttrium	89-1	3327452	3329856	3323939	3327082	0.09	cps
Yttrium	89-2	202660	204864	204010	203845	0.55	cps
Zinc	66-2	15369	15262	15229	15286	0.48	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:34:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	309446	310307	310669	310140	0.20	cps
Zirconium	91-1	69202	69260	68699	69054	0.45	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:38:10 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21351	20345	20898	20865	2.42	cps
Antimony	121-1	460585	458112	461636	460111	0.39	cps
Arsenic	75-2	14085	13922	13965	13991	0.60	cps
Barium	135-1	437895	442506	440901	440434	0.53	cps
Barium	137-1	767905	769030	771833	769589	0.26	cps
Beryllium	9-1	72274	73366	72431	72690	0.81	cps
Bismuth	209-1	1401216	1404999	1411438	1405884	0.37	cps
Bismuth	209-2	727102	723980	729029	726703	0.35	cps
Boron	10-1	9662	10404	10254	10107	3.88	cps
Boron	11-1	51602	52840	53066	52503	1.50	cps
Cadmium	111-1	108332	111310	109186	109609	1.40	cps
Cadmium	106-1	12123	12640	12598	12454	2.31	cps
Cadmium	108-1	8324	7690	8311	8108	4.47	cps
Calcium	43-1	164643	166421	166551	165872	0.64	cps
Calcium	44-1	2775189	2740173	2772297	2762553	0.70	cps
Chromium	52-2	113157	114426	112971	113518	0.70	cps
Cobalt	59-2	214451	216613	212989	214685	0.85	cps
Copper	63-2	364186	361962	357085	361077	1.01	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	2524176	2526267	2523078	2524507	0.06	cps
Holmium	165-2	1030585	1033449	1037845	1033960	0.35	cps
Indium	115-1	2662974	2722424	2678720	2688039	1.15	cps
Indium	115-2	242719	240546	241570	241612	0.45	cps
Iron	56-2	3901637	3899851	3958137	3919875	0.85	cps
Iron	57-2	98960	96549	98557	98022	1.32	cps
Krypton	83-1	573	473	477	508	11.19	cps
Lead	206-1	188451	191196	190070	189906	0.73	cps
Lead	207-1	170366	171150	169316	170277	0.54	cps
Lead	208-1	930848	937160	937123	935044	0.39	cps
Lithium	6-1	290819	298030	296004	294951	1.26	cps
Magnesium	24-2	471786	464576	465590	467317	0.84	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:38:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70473	71428	71455	71119	0.79	cps
Molybdenum	94-1	944646	950909	945668	947075	0.35	cps
Molybdenum	95-1	1161456	1166953	1158469	1162293	0.37	cps
Molybdenum	96-1	1278384	1273250	1276355	1275996	0.20	cps
Molybdenum	97-1	705158	712486	710819	709488	0.54	cps
Molybdenum	98-1	1885665	1866202	1884713	1878860	0.58	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	63323	63879	62834	63346	0.83	cps
Phosphorus	31-2	1859	1992	1792	1881	5.42	cps
Potassium	39-2	146007	146344	146725	146359	0.25	cps
Rhodium	103-1	2819592	2816694	2819206	2818497	0.06	cps
Rhodium	103-2	1213406	1212692	1217086	1214394	0.19	cps
Scandium	45-1	2525679	2492647	2532501	2516943	0.85	cps
Scandium	45-2	38627	38700	38516	38614	0.24	cps
Selenium	77-2	110	77	123	103	23.26	cps
Selenium	78-2	367	343	350	353	3.49	cps
Selenium	82-1	8260	8695	8388	8448	2.65	cps
Silicon	28-1	704381	706307	709659	706782	0.38	cps
Silver	109-1	509379	516352	513055	512929	0.68	cps
Silver	107-1	546633	552444	547801	548959	0.56	cps
Sodium	23-2	1031565	1029430	1027986	1029660	0.17	cps
Strontium	86-1	150747	151911	150563	151074	0.48	cps
Strontium	88-1	1268698	1274921	1273364	1272328	0.25	cps
Sulfur	34-1	426559	427096	422515	425390	0.59	cps
Terbium	159-1	2709515	2733741	2764352	2735869	1.00	cps
Terbium	159-2	1067975	1068204	1070414	1068865	0.13	cps
Thallium	203-1	231146	238401	237239	235595	1.65	cps
Thallium	205-1	549518	557255	559592	555455	0.95	cps
Tin	118-1	317541	321090	321904	320178	0.72	cps
Titanium	47-1	417055	413114	414127	414765	0.49	cps
Uranium	238-1	662872	673524	669604	668667	0.81	cps
Vanadium	51-2	82229	81077	80657	81321	1.00	cps
Yttrium	89-1	3364804	3368049	3357996	3363616	0.15	cps
Yttrium	89-2	208726	207407	208297	208143	0.32	cps
Zinc	66-2	38831	38958	38604	38798	0.46	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:38:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	793733	803243	794543	797173	0.66	cps
Zirconium	91-1	176573	176100	176960	176544	0.24	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:41:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41150	40726	40934	40936	0.52	cps
Antimony	121-1	930129	947699	937453	938427	0.94	cps
Arsenic	75-2	28064	28272	28348	28228	0.52	cps
Barium	135-1	898061	914029	896880	902990	1.06	cps
Barium	137-1	1560789	1614292	1601384	1592155	1.75	cps
Beryllium	9-1	146675	148280	147796	147584	0.56	cps
Bismuth	209-1	1441628	1433896	1452327	1442617	0.64	cps
Bismuth	209-2	747078	734231	736391	739234	0.93	cps
Boron	10-1	21100	20490	21325	20972	2.06	cps
Boron	11-1	109231	109483	111810	110175	1.29	cps
Cadmium	111-1	221373	221122	223225	221907	0.52	cps
Cadmium	106-1	23530	23480	24381	23797	2.13	cps
Cadmium	108-1	15901	16373	15856	16043	1.78	cps
Calcium	43-1	338138	337701	337182	337674	0.14	cps
Calcium	44-1	5573296	5490121	5438038	5500485	1.24	cps
Chromium	52-2	223834	224745	222697	223759	0.46	cps
Cobalt	59-2	429982	426153	426301	427479	0.51	cps
Copper	63-2	724475	713900	716658	718344	0.76	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	2629345	2607095	2596851	2611097	0.64	cps
Holmium	165-2	1066503	1056071	1037950	1053508	1.37	cps
Indium	115-1	2708276	2727769	2680268	2705438	0.88	cps
Indium	115-2	243383	241682	238707	241257	0.98	cps
Iron	56-2	7898507	7817391	7769357	7828419	0.83	cps
Iron	57-2	197058	195103	197164	196442	0.59	cps
Krypton	83-1	497	587	510	531	9.15	cps
Lead	206-1	386009	392376	389893	389426	0.82	cps
Lead	207-1	347561	350867	349745	349391	0.48	cps
Lead	208-1	1911204	1930580	1923269	1921684	0.51	cps
Lithium	6-1	305640	306384	308595	306873	0.50	cps
Magnesium	24-2	933778	923656	923278	926904	0.64	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:41:58	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	142752	141195	141181	141709	0.64	cps
Molybdenum	94-1	1930856	1960809	1950829	1947498	0.78	cps
Molybdenum	95-1	2412787	2379092	2424101	2405327	0.97	cps
Molybdenum	96-1	2644590	2675157	2670104	2663283	0.62	cps
Molybdenum	97-1	1422832	1457382	1430559	1436924	1.26	cps
Molybdenum	98-1	3751109	3732119	3735019	3739416	0.27	cps
Neodymium	150-1	47	33	27	36	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127638	124959	124235	125611	1.43	cps
Phosphorus	31-2	3484	3159	3451	3364	5.32	cps
Potassium	39-2	287586	281101	284488	284392	1.14	cps
Rhodium	103-1	2810931	2800436	2837080	2816149	0.67	cps
Rhodium	103-2	1225793	1212617	1209077	1215829	0.72	cps
Scandium	45-1	2547920	2557799	2585392	2563704	0.76	cps
Scandium	45-2	38399	37724	37918	38014	0.91	cps
Selenium	77-2	190	273	237	233	17.90	cps
Selenium	78-2	832	793	750	791	5.15	cps
Selenium	82-1	17228	17395	17115	17246	0.82	cps
Silicon	28-1	1012288	1012810	1009238	1011445	0.19	cps
Silver	109-1	1037931	1047832	1040166	1041976	0.50	cps
Silver	107-1	1096959	1096943	1095811	1096571	0.06	cps
Sodium	23-2	2077546	2049276	2056839	2061220	0.71	cps
Strontium	86-1	301074	306795	301564	303145	1.05	cps
Strontium	88-1	2639470	2613536	2672338	2641782	1.12	cps
Sulfur	34-1	475549	473938	473707	474398	0.21	cps
Terbium	159-1	2784824	2794305	2826707	2801946	0.78	cps
Terbium	159-2	1085341	1084379	1089933	1086551	0.27	cps
Thallium	203-1	484394	487241	488524	486719	0.43	cps
Thallium	205-1	1139467	1152475	1145707	1145883	0.57	cps
Tin	118-1	643255	657157	652134	650849	1.08	cps
Titanium	47-1	836771	843510	836840	839040	0.46	cps
Uranium	238-1	1379622	1378725	1392830	1383726	0.57	cps
Vanadium	51-2	163252	162851	161728	162610	0.49	cps
Yttrium	89-1	3447018	3413564	3428060	3429548	0.49	cps
Yttrium	89-2	209833	209377	207329	208846	0.64	cps
Zinc	66-2	78652	76681	77220	77517	1.31	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:41:58	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1631472	1654810	1648574	1644952	0.73	cps
Zirconium	91-1	351820	353688	356793	354100	0.71	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79587	81751	79774	80370	1.49	cps
Antimony	121-1	1949722	1934466	1900205	1928131	1.32	cps
Arsenic	75-2	55526	55585	56130	55747	0.60	cps
Barium	135-1	1846315	1843297	1832992	1840868	0.38	cps
Barium	137-1	3227801	3191252	3217334	3212129	0.59	cps
Beryllium	9-1	301249	298599	299489	299779	0.45	cps
Bismuth	209-1	1445061	1451388	1466458	1454302	0.76	cps
Bismuth	209-2	752682	753730	753990	753467	0.09	cps
Boron	10-1	41428	42573	43801	42600	2.79	cps
Boron	11-1	219158	224619	223928	222568	1.34	cps
Cadmium	111-1	441969	443277	440282	441843	0.34	cps
Cadmium	106-1	45219	46966	46080	46088	1.90	cps
Cadmium	108-1	31992	31742	31830	31855	0.40	cps
Calcium	43-1	672185	667941	670256	670128	0.32	cps
Calcium	44-1	10848220	10801645	10752605	10800824	0.44	cps
Chromium	52-2	439903	438966	441817	440229	0.33	cps
Cobalt	59-2	836420	836586	829088	834031	0.51	cps
Copper	63-2	1401321	1388700	1401308	1397110	0.52	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	8	50	42	33	66.15	cps
Gadolinium	160-2	0	7	20	9	114.55	cps
Holmium	165-1	2638240	2641394	2651159	2643598	0.25	cps
Holmium	165-2	1070247	1086817	1068079	1075048	0.95	cps
Indium	115-1	2672476	2693359	2682449	2682762	0.39	cps
Indium	115-2	237823	240530	238508	238954	0.59	cps
Iron	56-2	15328812	15533613	15417031	15426485	0.67	cps
Iron	57-2	385575	387333	383926	385612	0.44	cps
Krypton	83-1	537	510	557	534	4.38	cps
Lead	206-1	792185	786529	791161	789958	0.38	cps
Lead	207-1	713218	698980	711022	707740	1.08	cps
Lead	208-1	3898287	3887940	3913791	3900006	0.33	cps
Lithium	6-1	319912	316510	318593	318338	0.54	cps
Magnesium	24-2	1857065	1882706	1883554	1874442	0.80	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280680	278623	278843	279382	0.40	cps
Molybdenum	94-1	3849552	3839435	3866646	3851878	0.36	cps
Molybdenum	95-1	4834838	4733407	4708301	4758848	1.41	cps
Molybdenum	96-1	5236306	5246171	5248908	5243795	0.13	cps
Molybdenum	97-1	2888310	2894972	2853344	2878875	0.78	cps
Molybdenum	98-1	7446386	7446976	7336360	7409907	0.86	cps
Neodymium	150-1	120	60	53	78	47.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	246134	247056	245017	246069	0.41	cps
Phosphorus	31-2	7027	6644	6577	6749	3.60	cps
Potassium	39-2	553034	559531	561764	558110	0.81	cps
Rhodium	103-1	2801739	2818112	2764585	2794812	0.98	cps
Rhodium	103-2	1210923	1203912	1203884	1206240	0.34	cps
Scandium	45-1	2559884	2556135	2546678	2554233	0.27	cps
Scandium	45-2	38219	38636	39171	38676	1.23	cps
Selenium	77-2	333	497	493	441	21.16	cps
Selenium	78-2	1498	1632	1487	1539	5.22	cps
Selenium	82-1	34232	34380	33860	34157	0.78	cps
Silicon	28-1	1648586	1688095	1693558	1676746	1.46	cps
Silver	109-1	2142326	2088782	2146728	2125945	1.52	cps
Silver	107-1	2270243	2251740	2240062	2254015	0.68	cps
Sodium	23-2	3999191	3997633	4000771	3999198	0.04	cps
Strontium	86-1	604003	602628	601996	602875	0.17	cps
Strontium	88-1	5196958	5183534	5126913	5169135	0.72	cps
Sulfur	34-1	571838	572561	569210	571203	0.31	cps
Terbium	159-1	2859896	2808500	2857987	2842128	1.03	cps
Terbium	159-2	1100493	1099867	1104419	1101593	0.22	cps
Thallium	203-1	982427	975597	978772	978932	0.35	cps
Thallium	205-1	2374965	2372380	2352678	2366674	0.52	cps
Tin	118-1	1307690	1299810	1289820	1299107	0.69	cps
Titanium	47-1	1701458	1696078	1704185	1700574	0.24	cps
Uranium	238-1	2957798	2989649	2929611	2959020	1.02	cps
Vanadium	51-2	319919	322608	322041	321523	0.44	cps
Yttrium	89-1	3440785	3391509	3419551	3417282	0.72	cps
Yttrium	89-2	207539	206131	208252	207307	0.52	cps
Zinc	66-2	152329	151264	152632	152075	0.47	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:45:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3287426	3282236	3255293	3274985	0.53	cps
Zirconium	91-1	713630	713331	707803	711588	0.46	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 13:49:19 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162236	162211	160397	161615	0.65	cps
Antimony	121-1	3967740	3924923	3927237	3939967	0.61	cps
Arsenic	75-2	112843	112765	113896	113168	0.56	cps
Barium	135-1	3787647	3756666	3706811	3750374	1.09	cps
Barium	137-1	6532736	6548830	6419573	6500380	1.08	cps
Beryllium	9-1	615542	617310	611528	614793	0.48	cps
Bismuth	209-1	1501463	1495585	1503949	1500332	0.29	cps
Bismuth	209-2	777492	779795	786596	781294	0.61	cps
Boron	10-1	89000	89595	87828	88808	1.01	cps
Boron	11-1	460082	464716	463698	462832	0.53	cps
Cadmium	111-1	901712	894050	890451	895404	0.64	cps
Cadmium	106-1	95529	93372	90771	93224	2.56	cps
Cadmium	108-1	64884	64223	63340	64149	1.21	cps
Calcium	43-1	1376384	1374145	1368245	1372925	0.31	cps
Calcium	44-1	21884603	22185356	22017137	22029032	0.68	cps
Chromium	52-2	878252	873362	876894	876169	0.29	cps
Cobalt	59-2	1688479	1696415	1690115	1691670	0.25	cps
Copper	63-2	2850672	2842997	2823990	2839220	0.48	cps
Dysprosium	156-1	8	25	50	28	75.51	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	58	33	39	44.62	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	2740799	2731283	2717527	2729870	0.43	cps
Holmium	165-2	1124629	1106123	1109383	1113378	0.89	cps
Indium	115-1	2792711	2714380	2754710	2753934	1.42	cps
Indium	115-2	240580	239596	238605	239594	0.41	cps
Iron	56-2	30510931	30611091	30424615	30515546	0.31	cps
Iron	57-2	772892	769015	767898	769935	0.34	cps
Krypton	83-1	573	520	470	521	9.92	cps
Lead	206-1	1624929	1655325	1631761	1637338	0.97	cps
Lead	207-1	1465704	1465084	1459965	1463584	0.22	cps
Lead	208-1	8157977	8126826	8118176	8134326	0.26	cps
Lithium	6-1	332220	330754	335611	332862	0.75	cps
Magnesium	24-2	3731308	3705393	3704270	3713657	0.41	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:49:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	556753	556805	556862	556806	0.01	cps
Molybdenum	94-1	7816126	7899322	7791136	7835528	0.72	cps
Molybdenum	95-1	9700683	9631842	9585928	9639484	0.60	cps
Molybdenum	96-1	10761391	10709660	10674912	10715321	0.41	cps
Molybdenum	97-1	5811653	5842334	5895243	5849744	0.72	cps
Molybdenum	98-1	15226200	15251111	15133865	15203725	0.41	cps
Neodymium	150-1	167	140	73	127	37.95	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	487968	487982	491180	489043	0.38	cps
Phosphorus	31-2	13490	13415	13390	13432	0.39	cps
Potassium	39-2	1106392	1107590	1101767	1105250	0.28	cps
Rhodium	103-1	2847637	2855016	2821322	2841325	0.62	cps
Rhodium	103-2	1216259	1205713	1209837	1210603	0.44	cps
Scandium	45-1	2605547	2595111	2605142	2601934	0.23	cps
Scandium	45-2	39148	39014	39573	39245	0.74	cps
Selenium	77-2	863	857	860	860	0.39	cps
Selenium	78-2	2954	3069	2980	3001	2.01	cps
Selenium	82-1	69470	69423	68978	69290	0.39	cps
Silicon	28-1	2936061	2946500	2935090	2939217	0.22	cps
Silver	109-1	4325197	4268929	4304010	4299378	0.66	cps
Silver	107-1	4564774	4560766	4546507	4557349	0.21	cps
Sodium	23-2	7917398	7880559	7995296	7931084	0.74	cps
Strontium	86-1	1234131	1230224	1227466	1230607	0.27	cps
Strontium	88-1	10501251	10481386	10484119	10488918	0.10	cps
Sulfur	34-1	788206	778495	780896	782532	0.65	cps
Terbium	159-1	2966615	2932865	2930891	2943457	0.68	cps
Terbium	159-2	1137174	1139657	1141659	1139497	0.20	cps
Thallium	203-1	2086480	2088344	2074739	2083188	0.35	cps
Thallium	205-1	4832205	4863550	4875278	4857011	0.46	cps
Tin	118-1	2780167	2729140	2721213	2743507	1.17	cps
Titanium	47-1	3461841	3445406	3396973	3434740	0.98	cps
Uranium	238-1	6029693	6015488	6105264	6050148	0.80	cps
Vanadium	51-2	649037	645150	653640	649276	0.65	cps
Yttrium	89-1	3479957	3500588	3527521	3502689	0.68	cps
Yttrium	89-2	211504	211116	210793	211138	0.17	cps
Zinc	66-2	304110	303209	302915	303411	0.21	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:49:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6585398	6606227	6655564	6615730	0.54	cps
Zirconium	91-1	1478375	1471667	1487195	1479079	0.53	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860644	861870	867570	863361	0.43	cps
Antimony	121-1	5193	5009	4951	5051	2.50	cps
Arsenic	75-2	180	178	202	186	7.19	cps
Barium	135-1	467	500	450	472	5.39	cps
Barium	137-1	917	900	767	861	9.55	cps
Beryllium	9-1	113	83	160	119	32.50	cps
Bismuth	209-1	1389935	1376690	1362998	1376541	0.98	cps
Bismuth	209-2	716229	712917	718731	715959	0.41	cps
Boron	10-1	1333	1367	1083	1261	12.28	cps
Boron	11-1	7361	6835	6277	6824	7.94	cps
Cadmium	111-1	652	643	663	652	1.57	cps
Cadmium	106-1	817	825	892	845	4.87	cps
Cadmium	108-1	17	8	46	24	83.40	cps
Calcium	43-1	6998213	7006534	6950277	6985008	0.43	cps
Calcium	44-1	111826798	113633558	112617905	112692754	0.80	cps
Chromium	52-2	15656	15392	15836	15628	1.43	cps
Cobalt	59-2	20809	21240	21250	21100	1.19	cps
Copper	63-2	4347	4044	4421	4271	4.68	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	58	33	39	44.62	cps
Gadolinium	160-2	13	20	27	20	33.35	cps
Holmium	165-1	2634575	2625963	2616382	2625640	0.35	cps
Holmium	165-2	1091048	1077783	1065986	1078272	1.16	cps
Indium	115-1	2626574	2666141	2655290	2649335	0.77	cps
Indium	115-2	243150	241517	241760	242142	0.36	cps
Iron	56-2	157266109	155185442	155965976	156139176	0.67	cps
Iron	57-2	3945049	3934096	3894050	3924398	0.68	cps
Krypton	83-1	547	533	467	516	8.31	cps
Lead	206-1	2322	2317	2278	2306	1.05	cps
Lead	207-1	1784	1839	1934	1852	4.10	cps
Lead	208-1	10402	10596	10685	10561	1.37	cps
Lithium	6-1	329375	333558	336723	333219	1.11	cps
Magnesium	24-2	18028904	18023114	18060247	18037422	0.11	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3184	3154	3014	3117	2.91	cps
Molybdenum	94-1	5018	5026	5051	5032	0.34	cps
Molybdenum	95-1	7077	6644	6644	6788	3.69	cps
Molybdenum	96-1	8136	8161	8395	8231	1.73	cps
Molybdenum	97-1	4559	4226	4151	4312	5.04	cps
Molybdenum	98-1	10763	11013	10813	10863	1.22	cps
Neodymium	150-1	73	60	53	62	16.37	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	9440	9880	9814	9711	2.44	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	5769000	5838226	5810940	5806055	0.60	cps
Rhodium	103-1	2713538	2706076	2722501	2714038	0.30	cps
Rhodium	103-2	1161811	1171005	1175176	1169331	0.58	cps
Scandium	45-1	2610867	2624866	2626302	2620678	0.33	cps
Scandium	45-2	39860	39008	39298	39389	1.10	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-17	-7	65	14	330.21	cps
Silicon	28-1	601778	612052	609797	607876	0.89	cps
Silver	109-1	350	292	283	308	11.78	cps
Silver	107-1	408	408	325	381	12.64	cps
Sodium	23-2	40795017	41036454	41317430	41049634	0.64	cps
Strontium	86-1	5843	6018	6343	6068	4.18	cps
Strontium	88-1	47250	46296	46748	46765	1.02	cps
Sulfur	34-1	379481	387567	389704	385584	1.40	cps
Terbium	159-1	2880455	2799343	2845745	2841847	1.43	cps
Terbium	159-2	1107493	1103612	1107944	1106350	0.22	cps
Thallium	203-1	967	1058	842	956	11.38	cps
Thallium	205-1	2525	2017	1900	2148	15.48	cps
Tin	118-1	2259	2117	2492	2289	8.27	cps
Titanium	47-1	1175	925	917	1006	14.60	cps
Uranium	238-1	350	308	325	328	6.40	cps
Vanadium	51-2	143	140	170	151	10.88	cps
Yttrium	89-1	3457991	3433453	3405372	3432272	0.77	cps
Yttrium	89-2	213242	211834	211528	212201	0.43	cps
Zinc	66-2	2970	3064	3020	3018	1.55	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 13:52:50	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2850	2809	2617	2759	4.51	cps
Zirconium	91-1	475	658	608	581	16.32	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:00:14 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3949	4149	3864	3987	3.67	cps
Antimony	121-1	714268	717945	720115	717443	0.41	cps
Arsenic	75-2	22559	22439	21895	22298	1.59	cps
Barium	135-1	69231	71644	67934	69603	2.71	cps
Barium	137-1	120563	122313	123019	121965	1.04	cps
Beryllium	9-1	57441	59623	59777	58947	2.22	cps
Bismuth	209-1	1430847	1446679	1443720	1440415	0.58	cps
Bismuth	209-2	754629	751248	754759	753545	0.26	cps
Boron	10-1	475	475	408	453	8.50	cps
Boron	11-1	2392	2234	2417	2348	4.24	cps
Cadmium	111-1	84981	86786	86325	86031	1.09	cps
Cadmium	106-1	8586	9037	8495	8706	3.33	cps
Cadmium	108-1	5618	5760	5781	5719	1.55	cps
Calcium	43-1	26823	26485	26341	26550	0.93	cps
Calcium	44-1	517503	517857	524892	520084	0.80	cps
Chromium	52-2	86931	86898	88089	87306	0.78	cps
Cobalt	59-2	172135	171760	172166	172020	0.13	cps
Copper	63-2	144893	145216	144876	144995	0.13	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	10	20	3	11	75.52	cps
Gadolinium	160-1	8	58	8	25	115.49	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	2588674	2579767	2585977	2584806	0.18	cps
Holmium	165-2	1068070	1054494	1046692	1056419	1.02	cps
Indium	115-1	2713689	2740977	2726464	2727043	0.50	cps
Indium	115-2	246842	247126	245723	246564	0.30	cps
Iron	56-2	624513	623810	624000	624108	0.06	cps
Iron	57-2	15848	15420	15487	15585	1.48	cps
Krypton	83-1	517	453	477	482	6.64	cps
Lead	206-1	306911	314859	313440	311737	1.36	cps
Lead	207-1	265077	271074	271638	269263	1.35	cps
Lead	208-1	1483407	1506288	1507872	1499189	0.91	cps
Lithium	6-1	318619	315969	325624	320071	1.56	cps
Magnesium	24-2	43743	41954	42506	42735	2.14	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:00:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27427	27584	27267	27426	0.58	cps
Molybdenum	94-1	342	267	175	261	31.97	cps
Molybdenum	95-1	183	225	233	214	12.53	cps
Molybdenum	96-1	417	267	250	311	29.51	cps
Molybdenum	97-1	258	217	267	247	10.84	cps
Molybdenum	98-1	358	358	333	350	4.12	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	51090	50592	50210	50631	0.87	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	50508	51236	49580	50441	1.65	cps
Rhodium	103-1	2855818	2893390	2872004	2873737	0.66	cps
Rhodium	103-2	1242808	1243388	1239355	1241850	0.18	cps
Scandium	45-1	2558863	2557892	2584548	2567101	0.59	cps
Scandium	45-2	38469	39245	38466	38727	1.16	cps
Selenium	77-2	170	167	207	181	12.25	cps
Selenium	78-2	578	583	611	591	3.02	cps
Selenium	82-1	13707	13633	13563	13634	0.53	cps
Silicon	28-1	297427	302845	303698	301323	1.13	cps
Silver	109-1	403418	404413	405601	404478	0.27	cps
Silver	107-1	430115	429898	428228	429414	0.24	cps
Sodium	23-2	182585	183631	180710	182309	0.81	cps
Strontium	86-1	3409	3242	3534	3395	4.31	cps
Strontium	88-1	23045	23563	22828	23146	1.63	cps
Sulfur	34-1	398411	396927	393044	396128	0.70	cps
Terbium	159-1	2809018	2771115	2744603	2774912	1.17	cps
Terbium	159-2	1096098	1085821	1085860	1089260	0.54	cps
Thallium	203-1	384849	391888	391312	389350	1.00	cps
Thallium	205-1	909171	933162	923080	921804	1.31	cps
Tin	118-1	350	233	358	314	22.26	cps
Titanium	47-1	133	175	142	150	14.70	cps
Uranium	238-1	75	8	25	36	96.09	cps
Vanadium	51-2	63570	63872	63450	63631	0.34	cps
Yttrium	89-1	3438865	3442556	3412446	3431289	0.48	cps
Yttrium	89-2	211702	210429	209648	210593	0.49	cps
Zinc	66-2	30811	30995	30560	30789	0.71	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:00:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	292	258	242	264	9.65	cps
Zirconium	91-1	167	117	208	164	28.00	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	210	235	225	5.88	cps
Antimony	121-1	6852	6785	6785	6808	0.57	cps
Arsenic	75-2	120	106	154	127	19.49	cps
Barium	135-1	7269	6869	6852	6997	3.37	cps
Barium	137-1	11422	11789	11814	11675	1.88	cps
Beryllium	9-1	520	560	513	531	4.75	cps
Bismuth	209-1	1438169	1425986	1443267	1435807	0.62	cps
Bismuth	209-2	730324	733455	734749	732843	0.31	cps
Boron	10-1	2067	2400	2184	2217	7.63	cps
Boron	11-1	9712	9929	10704	10115	5.16	cps
Cadmium	111-1	1517	1408	1119	1348	15.26	cps
Cadmium	106-1	925	933	667	842	18.01	cps
Cadmium	108-1	50	71	63	61	17.16	cps
Calcium	43-1	6648	6548	6478	6558	1.30	cps
Calcium	44-1	184708	184175	183759	184214	0.26	cps
Chromium	52-2	3641	3784	3814	3746	2.47	cps
Cobalt	59-2	1727	1707	1537	1657	6.30	cps
Copper	63-2	2930	2820	2694	2815	4.21	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	83	50	47	79.58	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	2582986	2584824	2532191	2566667	1.16	cps
Holmium	165-2	1034826	1033837	1036348	1035004	0.12	cps
Indium	115-1	2745804	2695776	2748769	2730116	1.09	cps
Indium	115-2	240678	240985	238345	240003	0.60	cps
Iron	56-2	35334	35791	35445	35524	0.67	cps
Iron	57-2	983	1145	889	1006	12.85	cps
Krypton	83-1	550	533	567	550	3.03	cps
Lead	206-1	1483	1550	1595	1543	3.63	cps
Lead	207-1	1383	1472	1511	1456	4.50	cps
Lead	208-1	7840	7834	8423	8033	4.21	cps
Lithium	6-1	311018	309305	303539	307954	1.27	cps
Magnesium	24-2	17403	17937	16986	17442	2.73	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	363	330	338	6.72	cps
Molybdenum	94-1	7161	7236	7302	7233	0.98	cps
Molybdenum	95-1	8862	8712	8953	8842	1.38	cps
Molybdenum	96-1	10071	9946	9871	9962	1.02	cps
Molybdenum	97-1	5868	5501	5960	5776	4.20	cps
Molybdenum	98-1	13958	13048	14225	13744	4.49	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	567	543	687	599	12.84	cps
Phosphorus	31-2	42	8	42	31	62.99	cps
Potassium	39-2	16402	16202	15935	16179	1.45	cps
Rhodium	103-1	2894390	2885115	2815454	2864986	1.51	cps
Rhodium	103-2	1224356	1216970	1230391	1223906	0.55	cps
Scandium	45-1	2569611	2556946	2550647	2559068	0.38	cps
Scandium	45-2	37904	38469	38008	38127	0.79	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	20	19	15	18	15.82	cps
Selenium	82-1	230	138	226	198	26.19	cps
Silicon	28-1	321294	313658	313691	316214	1.39	cps
Silver	109-1	3876	3692	3767	3778	2.44	cps
Silver	107-1	4051	3776	4243	4023	5.83	cps
Sodium	23-2	52573	52473	53309	52785	0.87	cps
Strontium	86-1	1792	1842	1742	1792	2.79	cps
Strontium	88-1	9587	9304	9220	9370	2.05	cps
Sulfur	34-1	400921	399079	397419	399140	0.44	cps
Terbium	159-1	2770263	2786302	2824129	2793565	0.99	cps
Terbium	159-2	1069788	1066861	1059246	1065298	0.51	cps
Thallium	203-1	2017	1992	2067	2025	1.89	cps
Thallium	205-1	4818	5026	4234	4693	8.75	cps
Tin	118-1	13341	12256	12440	12679	4.58	cps
Titanium	47-1	3292	3167	3801	3420	9.81	cps
Uranium	238-1	5026	4734	5001	4921	3.29	cps
Vanadium	51-2	3257	3144	3284	3228	2.30	cps
Yttrium	89-1	3406044	3415801	3419274	3413706	0.20	cps
Yttrium	89-2	207254	206477	206054	206595	0.29	cps
Zinc	66-2	370	330	347	349	5.76	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:22:24	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6202	6377	5676	6085	5.99	cps
Zirconium	91-1	1300	1517	1325	1381	8.59	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:25:53 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	40	53	53	23.81	cps
Antimony	121-1	242	217	258	239	8.78	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	42	0	50	31	87.67	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	23	30	37	30	22.23	cps
Bismuth	209-1	1419296	1436396	1431258	1428983	0.61	cps
Bismuth	209-2	729996	726491	726775	727754	0.27	cps
Boron	10-1	150	108	133	131	16.06	cps
Boron	11-1	633	867	892	797	17.87	cps
Cadmium	111-1	616	432	502	517	18.03	cps
Cadmium	106-1	875	642	708	742	16.21	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Calcium	43-1	303	250	293	282	10.04	cps
Calcium	44-1	82940	83496	81964	82800	0.94	cps
Chromium	52-2	2140	2114	1960	2071	4.69	cps
Cobalt	59-2	123	83	127	111	21.71	cps
Copper	63-2	143	173	210	176	19.02	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	33	42	50	42	19.99	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	2525111	2572644	2565152	2554302	1.00	cps
Holmium	165-2	1028765	1022629	1020835	1024076	0.41	cps
Indium	115-1	2741075	2671781	2762979	2725278	1.75	cps
Indium	115-2	239381	241576	237596	239518	0.83	cps
Iron	56-2	4401	4762	4551	4571	3.97	cps
Iron	57-2	117	150	133	133	12.50	cps
Krypton	83-1	493	580	547	540	8.10	cps
Lead	206-1	144	106	128	126	15.49	cps
Lead	207-1	172	117	150	146	19.11	cps
Lead	208-1	783	589	733	702	14.39	cps
Lithium	6-1	304567	303777	307172	305172	0.58	cps
Magnesium	24-2	425	317	308	350	18.60	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:25:53 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	67	77	80	19.09	cps
Molybdenum	94-1	208	133	175	172	21.82	cps
Molybdenum	95-1	25	42	33	33	25.01	cps
Molybdenum	96-1	83	83	58	75	19.24	cps
Molybdenum	97-1	150	142	158	150	5.56	cps
Molybdenum	98-1	67	42	33	47	36.74	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	93	100	99	5.15	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	5943	6202	5685	5943	4.35	cps
Rhodium	103-1	2837413	2832348	2827429	2832397	0.18	cps
Rhodium	103-2	1227306	1213743	1220186	1220412	0.56	cps
Scandium	45-1	2527022	2533295	2509256	2523191	0.49	cps
Scandium	45-2	37567	37229	37273	37356	0.49	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	2	6	9	6	66.68	cps
Selenium	82-1	-22	-108	-85	-72	-62.53	cps
Silicon	28-1	292882	288292	290502	290559	0.79	cps
Silver	109-1	42	67	42	50	28.87	cps
Silver	107-1	92	67	25	61	55.11	cps
Sodium	23-2	15601	15301	16068	15657	2.47	cps
Strontium	86-1	683	633	625	647	4.87	cps
Strontium	88-1	50	58	33	47	26.97	cps
Sulfur	34-1	404695	403475	399533	402568	0.67	cps
Terbium	159-1	2778709	2758334	2792224	2776422	0.61	cps
Terbium	159-2	1055457	1058139	1057853	1057150	0.14	cps
Thallium	203-1	133	92	108	111	18.88	cps
Thallium	205-1	367	250	258	292	22.32	cps
Tin	118-1	217	242	183	214	13.68	cps
Titanium	47-1	150	133	92	125	24.04	cps
Uranium	238-1	25	17	25	22	21.64	cps
Vanadium	51-2	50	20	13	28	70.32	cps
Yttrium	89-1	3390609	3382812	3376232	3383218	0.21	cps
Yttrium	89-2	207484	203452	203683	204873	1.11	cps
Zinc	66-2	87	110	73	90	20.62	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:25:53	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	200	258	242	15.03	cps
Zirconium	91-1	92	42	58	64	39.85	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:29:21 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	676550	661558	660346	666151	1.35	cps
Antimony	121-1	4484	4434	4259	4393	2.69	cps
Arsenic	75-2	48	37	33	40	19.52	cps
Barium	135-1	1067	1092	1075	1078	1.18	cps
Barium	137-1	1817	1684	1800	1767	4.11	cps
Beryllium	9-1	157	190	150	166	12.95	cps
Bismuth	209-1	1388753	1380237	1371865	1380285	0.61	cps
Bismuth	209-2	675720	664320	655327	665123	1.54	cps
Boron	10-1	158	175	142	158	10.53	cps
Boron	11-1	1083	792	675	850	24.75	cps
Cadmium	111-1	972	780	738	830	15.01	cps
Cadmium	106-1	808	650	675	711	11.97	cps
Cadmium	108-1	479	571	608	553	12.02	cps
Calcium	43-1	1284688	1274985	1261917	1273863	0.90	cps
Calcium	44-1	20567375	20244106	20244784	20352088	0.92	cps
Chromium	52-2	18095	17581	17932	17869	1.47	cps
Cobalt	59-2	1787	1860	1914	1853	3.43	cps
Copper	63-2	10874	10821	10457	10718	2.12	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	2589772	2581562	2577621	2582985	0.24	cps
Holmium	165-2	987242	972390	967016	975549	1.07	cps
Indium	115-1	2642818	2629936	2690520	2654425	1.20	cps
Indium	115-2	221737	220729	218026	220164	0.87	cps
Iron	56-2	55987447	55907576	55115330	55670118	0.87	cps
Iron	57-2	1445366	1404398	1397566	1415777	1.83	cps
Krypton	83-1	517	550	547	538	3.41	cps
Lead	206-1	10638	9687	9298	9875	6.98	cps
Lead	207-1	8053	7869	7491	7804	3.67	cps
Lead	208-1	47617	45387	42695	45233	5.45	cps
Lithium	6-1	289730	273638	267321	276897	4.17	cps
Magnesium	24-2	3218365	3166898	3164838	3183367	0.95	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:29:21 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1987	1960	2154	2034	5.15	cps
Molybdenum	94-1	2086996	2095915	2071462	2084791	0.59	cps
Molybdenum	95-1	3649779	3615946	3561066	3608930	1.24	cps
Molybdenum	96-1	3864852	3807346	3861974	3844724	0.84	cps
Molybdenum	97-1	2199618	2196483	2167139	2187746	0.82	cps
Molybdenum	98-1	5736935	5721654	5636920	5698503	0.95	cps
Neodymium	150-1	0	20	47	22	105.36	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2647	2704	2354	2568	7.32	cps
Phosphorus	31-2	60153	60380	59401	59978	0.85	cps
Potassium	39-2	2025136	2030291	2038968	2031465	0.34	cps
Rhodium	103-1	2760635	2741823	2731880	2744779	0.53	cps
Rhodium	103-2	1130973	1124404	1110004	1121794	0.96	cps
Scandium	45-1	2467249	2480582	2477263	2475031	0.28	cps
Scandium	45-2	34843	34352	35057	34751	1.04	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-56	-107	-108	-90	-32.82	cps
Silicon	28-1	358408	349318	343675	350467	2.12	cps
Silver	109-1	758	917	700	792	14.16	cps
Silver	107-1	783	683	867	778	11.80	cps
Sodium	23-2	7391400	7155491	7182286	7243059	1.78	cps
Strontium	86-1	40210	40294	40820	40441	0.82	cps
Strontium	88-1	339819	337888	340714	339474	0.43	cps
Sulfur	34-1	1904821	1871264	1829615	1868567	2.02	cps
Terbium	159-1	2784264	2801349	2781481	2789031	0.39	cps
Terbium	159-2	1024131	1008688	992145	1008321	1.59	cps
Thallium	203-1	608	592	550	583	5.15	cps
Thallium	205-1	1392	1117	1150	1220	12.31	cps
Tin	118-1	575	492	633	567	12.56	cps
Titanium	47-1	1301293	1275795	1294967	1290685	1.03	cps
Uranium	238-1	100	100	67	89	21.65	cps
Vanadium	51-2	97	110	113	107	8.27	cps
Yttrium	89-1	3352812	3393696	3403264	3383257	0.79	cps
Yttrium	89-2	194405	193680	190746	192944	1.00	cps
Zinc	66-2	1907	1974	1974	1951	1.97	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:29:21	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	333	333	333	0.00	cps
Zirconium	91-1	25	100	100	75	57.74	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:40:32 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	614257	611462	610637	612119	0.31	cps
Antimony	121-1	75540	76092	74902	75511	0.79	cps
Arsenic	75-2	1996	1865	1915	1925	3.45	cps
Barium	135-1	14650	15067	14166	14628	3.08	cps
Barium	137-1	25676	25417	25876	25656	0.90	cps
Beryllium	9-1	9490	8873	8970	9111	3.64	cps
Bismuth	209-1	1359700	1339772	1358449	1352640	0.83	cps
Bismuth	209-2	623546	622736	615318	620533	0.73	cps
Boron	10-1	3334	3059	3092	3162	4.75	cps
Boron	11-1	15935	16685	16860	16493	2.98	cps
Cadmium	111-1	17814	17408	17587	17603	1.16	cps
Cadmium	106-1	2750	2600	2559	2636	3.82	cps
Cadmium	108-1	1758	1825	1688	1757	3.91	cps
Calcium	43-1	1164813	1159157	1147418	1157129	0.77	cps
Calcium	44-1	18974383	18895399	18719551	18863111	0.69	cps
Chromium	52-2	32438	32274	32040	32251	0.62	cps
Cobalt	59-2	30978	31035	31636	31216	1.17	cps
Copper	63-2	36074	34934	34894	35301	1.90	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	25	25	75	42	69.28	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	2555104	2547426	2557550	2553360	0.21	cps
Holmium	165-2	920004	914029	916458	916830	0.33	cps
Indium	115-1	2600548	2632685	2601949	2611727	0.70	cps
Indium	115-2	205131	207321	200834	204429	1.61	cps
Iron	56-2	52247278	51902376	51902415	52017356	0.38	cps
Iron	57-2	1314976	1304455	1302568	1307333	0.51	cps
Krypton	83-1	483	500	597	527	11.62	cps
Lead	206-1	40510	38537	39384	39477	2.51	cps
Lead	207-1	33523	31746	32097	32455	2.90	cps
Lead	208-1	189341	178988	181807	183379	2.92	cps
Lithium	6-1	220499	216524	218377	218467	0.91	cps
Magnesium	24-2	2984336	2976018	2972925	2977759	0.20	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:40:32	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6705	6672	6742	6706	0.52	cps
Molybdenum	94-1	2197090	2147229	2146534	2163617	1.34	cps
Molybdenum	95-1	3638156	3606045	3632554	3625585	0.47	cps
Molybdenum	96-1	3885955	3880261	3858455	3874890	0.37	cps
Molybdenum	97-1	2204502	2198822	2181634	2194986	0.54	cps
Molybdenum	98-1	5684752	5661851	5618369	5654991	0.60	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	11065	11218	11065	11116	0.80	cps
Phosphorus	31-2	54547	53511	54665	54241	1.17	cps
Potassium	39-2	1849407	1833736	1844599	1842581	0.44	cps
Rhodium	103-1	2685607	2656905	2656999	2666503	0.62	cps
Rhodium	103-2	1067158	1069121	1051210	1062496	0.92	cps
Scandium	45-1	2318176	2289173	2289806	2299052	0.72	cps
Scandium	45-2	31950	31352	31880	31727	1.03	cps
Selenium	77-2	17	10	17	14	26.66	cps
Selenium	78-2	57	48	54	53	8.78	cps
Selenium	82-1	1298	1153	1133	1195	7.54	cps
Silicon	28-1	418264	412741	410013	413672	1.02	cps
Silver	109-1	74464	72663	74491	73873	1.42	cps
Silver	107-1	79426	77540	79242	78736	1.32	cps
Sodium	23-2	6736900	6742951	6637305	6705719	0.88	cps
Strontium	86-1	94509	94594	96710	95271	1.31	cps
Strontium	88-1	807182	803407	811055	807215	0.47	cps
Sulfur	34-1	1666938	1642160	1617497	1642198	1.51	cps
Terbium	159-1	2792040	2745865	2723214	2753706	1.27	cps
Terbium	159-2	944137	932924	937796	938286	0.60	cps
Thallium	203-1	37406	37849	38602	37953	1.59	cps
Thallium	205-1	88298	88759	88550	88536	0.26	cps
Tin	118-1	118101	118042	116378	117507	0.83	cps
Titanium	47-1	1220729	1202162	1213175	1212022	0.77	cps
Uranium	238-1	256280	251675	259114	255690	1.47	cps
Vanadium	51-2	11271	10738	11331	11113	2.94	cps
Yttrium	89-1	3272279	3290030	3277503	3279938	0.28	cps
Yttrium	89-2	180926	178308	176461	178565	1.26	cps
Zinc	66-2	4171	4661	4351	4394	5.64	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:40:32	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300959	302549	299966	301158	0.43	cps
Zirconium	91-1	68062	67174	64437	66558	2.84	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380044	381892	384780	382239	0.62	cps
Antimony	121-1	1927658	1950756	1922913	1933776	0.77	cps
Arsenic	75-2	52152	53061	53406	52873	1.23	cps
Barium	135-1	1837562	1858834	1859561	1851986	0.67	cps
Barium	137-1	3166114	3193831	3166602	3175516	0.50	cps
Beryllium	9-1	239293	244804	244634	242910	1.29	cps
Bismuth	209-1	1370305	1378969	1394611	1381295	0.89	cps
Bismuth	209-2	655402	661811	659720	658978	0.50	cps
Boron	10-1	34584	35052	35896	35177	1.89	cps
Boron	11-1	173968	182357	186314	180880	3.49	cps
Cadmium	111-1	427371	429666	427020	428019	0.34	cps
Cadmium	106-1	44315	44391	44591	44432	0.32	cps
Cadmium	108-1	30689	30986	30765	30813	0.50	cps
Calcium	43-1	2979465	2959439	3027150	2988684	1.16	cps
Calcium	44-1	48111039	48183996	48777338	48357458	0.76	cps
Chromium	52-2	414663	417160	417235	416353	0.35	cps
Cobalt	59-2	784194	791722	795327	790414	0.72	cps
Copper	63-2	1285443	1279282	1297034	1287253	0.70	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	67	8	42	39	75.26	cps
Gadolinium	160-2	7	17	0	8	107.84	cps
Holmium	165-1	2602071	2621406	2636500	2619992	0.66	cps
Holmium	165-2	971380	980551	976435	976122	0.47	cps
Indium	115-1	2634275	2624451	2637718	2632148	0.26	cps
Indium	115-2	210321	213571	213120	212337	0.83	cps
Iron	56-2	69184174	70115450	70663593	69987739	1.07	cps
Iron	57-2	1788839	1790348	1783836	1787674	0.19	cps
Krypton	83-1	553	603	520	559	7.51	cps
Lead	206-1	774563	778828	771080	774824	0.50	cps
Lead	207-1	695949	705680	698018	699882	0.73	cps
Lead	208-1	3859520	3891182	3866633	3872445	0.43	cps
Lithium	6-1	227524	229807	232670	230000	1.12	cps
Magnesium	24-2	8024644	8059298	8125019	8069654	0.63	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	252109	254773	256976	254619	0.96	cps
Molybdenum	94-1	3811344	3816129	3855335	3827603	0.63	cps
Molybdenum	95-1	4730889	4763250	4672626	4722255	0.97	cps
Molybdenum	96-1	5256978	5208295	5192866	5219379	0.64	cps
Molybdenum	97-1	2854976	2877804	2882983	2871921	0.52	cps
Molybdenum	98-1	7307779	7432716	7388943	7376479	0.86	cps
Neodymium	150-1	67	67	147	93	49.49	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	229321	232560	232014	231298	0.75	cps
Phosphorus	31-2	5993	6493	6135	6207	4.15	cps
Potassium	39-2	2497766	2528239	2530084	2518697	0.72	cps
Rhodium	103-1	2632007	2702803	2651329	2662046	1.37	cps
Rhodium	103-2	1098176	1101946	1101838	1100653	0.19	cps
Scandium	45-1	2345770	2357017	2372613	2358467	0.57	cps
Scandium	45-2	34396	34940	34519	34618	0.82	cps
Selenium	77-2	440	400	477	439	8.74	cps
Selenium	78-2	1393	1243	1411	1349	6.85	cps
Selenium	82-1	33539	33319	33557	33471	0.40	cps
Silicon	28-1	1433032	1456803	1499077	1462971	2.29	cps
Silver	109-1	2072263	2066207	2083567	2074012	0.42	cps
Silver	107-1	2143024	2179385	2169801	2164070	0.87	cps
Sodium	23-2	17948954	18175938	18200412	18108435	0.77	cps
Strontium	86-1	599195	600883	605940	602006	0.58	cps
Strontium	88-1	5159660	5143844	5206032	5169845	0.63	cps
Sulfur	34-1	475967	481173	489856	482332	1.45	cps
Terbium	159-1	2851656	2793356	2780650	2808554	1.35	cps
Terbium	159-2	991267	999608	995173	995349	0.42	cps
Thallium	203-1	966029	961144	969475	965549	0.43	cps
Thallium	205-1	2340571	2337347	2344469	2340796	0.15	cps
Tin	118-1	1292807	1294202	1290590	1292533	0.14	cps
Titanium	47-1	1584351	1609442	1606096	1599963	0.85	cps
Uranium	238-1	2940052	2934916	2916630	2930533	0.42	cps
Vanadium	51-2	302670	305483	306036	304730	0.59	cps
Yttrium	89-1	3318012	3349012	3355938	3340987	0.60	cps
Yttrium	89-2	189417	187853	188139	188470	0.44	cps
Zinc	66-2	138092	139570	141082	139581	1.07	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:43:55	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3251891	3251677	3281857	3261808	0.53	cps
Zirconium	91-1	705842	712210	710489	709514	0.46	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:48:32 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	58	48	49	15.54	cps
Antimony	121-1	608	858	733	733	17.05	cps
Arsenic	75-2	7	11	9	9	19.98	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	17	67	17	33	86.59	cps
Beryllium	9-1	33	33	27	31	12.36	cps
Bismuth	209-1	1461619	1460778	1457395	1459931	0.15	cps
Bismuth	209-2	685075	684065	688441	685861	0.33	cps
Boron	10-1	342	242	167	250	35.12	cps
Boron	11-1	1500	1417	1217	1378	10.57	cps
Cadmium	111-1	456	546	498	500	9.01	cps
Cadmium	106-1	650	792	692	711	10.24	cps
Cadmium	108-1	4	29	4	13	115.44	cps
Calcium	43-1	250	253	330	278	16.29	cps
Calcium	44-1	76527	76155	76017	76233	0.35	cps
Chromium	52-2	2114	1974	2187	2091	5.18	cps
Cobalt	59-2	133	73	123	110	29.23	cps
Copper	63-2	203	313	267	261	21.14	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	17	25	33.34	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2624723	2569893	2615393	2603336	1.13	cps
Holmium	165-2	959717	952259	949292	953756	0.56	cps
Indium	115-1	2704023	2693921	2702519	2700154	0.20	cps
Indium	115-2	217800	217448	216466	217238	0.32	cps
Iron	56-2	4923	5407	5357	5229	5.09	cps
Iron	57-2	194	100	128	141	34.49	cps
Krypton	83-1	600	520	523	548	8.26	cps
Lead	206-1	617	583	583	594	3.24	cps
Lead	207-1	428	428	461	439	4.38	cps
Lead	208-1	2717	2650	2639	2669	1.58	cps
Lithium	6-1	246962	244619	245938	245840	0.48	cps
Magnesium	24-2	492	400	475	456	10.72	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:48:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	103	83	103	19.35	cps
Molybdenum	94-1	317	283	325	308	7.15	cps
Molybdenum	95-1	300	300	183	261	25.80	cps
Molybdenum	96-1	342	392	408	381	9.12	cps
Molybdenum	97-1	350	283	308	314	10.73	cps
Molybdenum	98-1	450	400	342	397	13.65	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	117	120	113	7.78	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	6085	5868	6127	6027	2.30	cps
Rhodium	103-1	2827804	2825230	2816934	2823323	0.20	cps
Rhodium	103-2	1147477	1139975	1143344	1143599	0.33	cps
Scandium	45-1	2357296	2322947	2307791	2329345	1.09	cps
Scandium	45-2	33717	33807	32905	33477	1.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-173	-81	-89	-114	-44.81	cps
Silicon	28-1	241471	239719	240760	240650	0.37	cps
Silver	109-1	208	183	150	181	16.21	cps
Silver	107-1	208	183	233	208	12.00	cps
Sodium	23-2	21167	21125	20332	20874	2.25	cps
Strontium	86-1	767	583	717	689	13.76	cps
Strontium	88-1	50	75	92	72	29.04	cps
Sulfur	34-1	326664	328150	329190	328001	0.39	cps
Terbium	159-1	2767027	2802708	2825413	2798383	1.05	cps
Terbium	159-2	984186	975957	976889	979011	0.46	cps
Thallium	203-1	358	300	333	331	8.85	cps
Thallium	205-1	858	850	775	828	5.55	cps
Tin	118-1	267	275	233	258	8.53	cps
Titanium	47-1	125	225	125	158	36.46	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	20	30	37	29	29.04	cps
Yttrium	89-1	3339434	3350823	3306881	3332379	0.68	cps
Yttrium	89-2	185668	187997	185650	186439	0.72	cps
Zinc	66-2	87	97	87	90	6.41	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:48:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	275	317	311	10.83	cps
Zirconium	91-1	83	42	42	56	43.30	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	153	208	177	15.91	cps
Antimony	121-1	7269	7027	6985	7094	2.16	cps
Arsenic	75-2	98	85	89	91	7.36	cps
Barium	135-1	7519	7252	6494	7088	7.51	cps
Barium	137-1	11747	11747	12048	11848	1.46	cps
Beryllium	9-1	500	457	470	476	4.67	cps
Bismuth	209-1	1475344	1430830	1449116	1451763	1.54	cps
Bismuth	209-2	680367	682853	683445	682221	0.24	cps
Boron	10-1	1775	1700	1842	1772	4.00	cps
Boron	11-1	8736	9245	9737	9239	5.42	cps
Cadmium	111-1	1205	1280	1332	1272	5.04	cps
Cadmium	106-1	708	775	867	783	10.15	cps
Cadmium	108-1	71	83	71	75	9.62	cps
Calcium	43-1	6275	5978	6041	6098	2.56	cps
Calcium	44-1	171578	167112	167901	168864	1.41	cps
Chromium	52-2	3517	3444	3514	3492	1.19	cps
Cobalt	59-2	1607	1683	1563	1618	3.76	cps
Copper	63-2	2857	2694	2807	2786	3.00	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	2635456	2548818	2585531	2589935	1.68	cps
Holmium	165-2	953283	945293	956065	951547	0.59	cps
Indium	115-1	2719200	2666033	2709426	2698219	1.05	cps
Indium	115-2	218318	215350	215176	216281	0.82	cps
Iron	56-2	32444	33201	32622	32756	1.21	cps
Iron	57-2	867	867	861	865	0.37	cps
Krypton	83-1	587	537	493	539	8.67	cps
Lead	206-1	1950	1834	1922	1902	3.20	cps
Lead	207-1	1645	1511	1628	1595	4.56	cps
Lead	208-1	9390	8718	9085	9064	3.71	cps
Lithium	6-1	247390	242506	245606	245167	1.01	cps
Magnesium	24-2	14983	15993	15985	15654	3.71	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353	367	343	354	3.30	cps
Molybdenum	94-1	7794	7536	7394	7575	2.68	cps
Molybdenum	95-1	8811	8845	9212	8956	2.48	cps
Molybdenum	96-1	9979	9862	9545	9796	2.29	cps
Molybdenum	97-1	5176	5451	5618	5415	4.12	cps
Molybdenum	98-1	13449	13949	13691	13696	1.83	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	547	533	551	3.70	cps
Phosphorus	31-2	67	42	58	56	22.91	cps
Potassium	39-2	15250	15217	15059	15175	0.68	cps
Rhodium	103-1	2808524	2765439	2791296	2788420	0.78	cps
Rhodium	103-2	1137324	1138029	1140351	1138568	0.14	cps
Scandium	45-1	2367057	2311818	2338399	2339091	1.18	cps
Scandium	45-2	34726	33620	33744	34030	1.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	22	19	15	19	20.01	cps
Selenium	82-1	131	211	313	218	41.82	cps
Silicon	28-1	264406	260577	259711	261565	0.96	cps
Silver	109-1	3451	3984	3892	3776	7.55	cps
Silver	107-1	3917	4051	4092	4020	2.27	cps
Sodium	23-2	53878	52983	53301	53387	0.85	cps
Strontium	86-1	1725	1867	1492	1695	11.18	cps
Strontium	88-1	9979	9587	9462	9676	2.79	cps
Sulfur	34-1	333186	336389	334753	334776	0.48	cps
Terbium	159-1	2822102	2777857	2824820	2808259	0.94	cps
Terbium	159-2	983017	975470	979733	979407	0.39	cps
Thallium	203-1	2300	1984	2059	2114	7.83	cps
Thallium	205-1	5051	4785	4810	4882	3.02	cps
Tin	118-1	12131	11989	12365	12162	1.56	cps
Titanium	47-1	3159	3084	2892	3045	4.52	cps
Uranium	238-1	4851	5051	4960	4954	2.02	cps
Vanadium	51-2	2797	2750	2884	2810	2.41	cps
Yttrium	89-1	3333200	3290990	3276682	3300291	0.89	cps
Yttrium	89-2	184215	183802	185727	184581	0.55	cps
Zinc	66-2	277	343	450	357	24.52	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:52:01	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5768	5902	6002	5890	1.99	cps
Zirconium	91-1	1400	1250	1475	1375	8.33	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116239BL Instrumnet Name : P8
 Client Sample ID : PB116239BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:55:29 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	68	68	64	8.99	cps
Antimony	121-1	150	225	208	194	20.25	cps
Arsenic	75-2	7	4	7	6	34.70	cps
Barium	135-1	50	8	8	22	108.27	cps
Barium	137-1	67	8	42	39	75.26	cps
Beryllium	9-1	7	17	33	19	71.30	cps
Bismuth	209-1	1454112	1446671	1458274	1453019	0.40	cps
Bismuth	209-2	684148	685313	681146	683536	0.31	cps
Boron	10-1	142	158	167	156	8.19	cps
Boron	11-1	975	725	825	842	14.95	cps
Cadmium	111-1	490	595	598	561	11.01	cps
Cadmium	106-1	692	842	825	786	10.46	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	333	220	227	260	24.46	cps
Calcium	44-1	74101	74188	74010	74099	0.12	cps
Chromium	52-2	2197	2130	2207	2178	1.91	cps
Cobalt	59-2	93	87	73	84	12.07	cps
Copper	63-2	170	180	173	174	2.92	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	58	33	17	36	58.08	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	2600179	2555919	2630900	2595666	1.45	cps
Holmium	165-2	958618	946227	948239	951028	0.70	cps
Indium	115-1	2660436	2707654	2701675	2689922	0.96	cps
Indium	115-2	217720	217712	216467	217300	0.33	cps
Iron	56-2	4745	4568	4701	4671	1.98	cps
Iron	57-2	133	189	144	156	18.90	cps
Krypton	83-1	600	457	490	516	14.55	cps
Lead	206-1	278	350	394	341	17.28	cps
Lead	207-1	378	311	256	315	19.44	cps
Lead	208-1	1739	1595	1572	1635	5.53	cps
Lithium	6-1	244718	247451	243029	245066	0.91	cps
Magnesium	24-2	492	392	492	458	12.60	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BL	Instrumnet Name :	P8
Client Sample ID :	PB116239BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:55:29	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	77	120	96	23.22	cps
Molybdenum	94-1	133	158	192	161	18.17	cps
Molybdenum	95-1	75	117	125	106	25.37	cps
Molybdenum	96-1	117	133	167	139	18.33	cps
Molybdenum	97-1	175	158	167	167	5.00	cps
Molybdenum	98-1	108	83	100	97	13.09	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	110	127	120	7.35	cps
Phosphorus	31-2	0	17	33	17	99.99	cps
Potassium	39-2	5743	5643	5751	5713	1.06	cps
Rhodium	103-1	2814308	2816632	2834485	2821808	0.39	cps
Rhodium	103-2	1152361	1136694	1147303	1145453	0.70	cps
Scandium	45-1	2351065	2341185	2333966	2342072	0.37	cps
Scandium	45-2	33981	33370	33784	33712	0.93	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-151	-53	-11	-72	-100.15	cps
Silicon	28-1	242661	238796	241732	241063	0.84	cps
Silver	109-1	50	75	58	61	20.83	cps
Silver	107-1	100	75	83	86	14.79	cps
Sodium	23-2	17745	18037	16994	17592	3.06	cps
Strontium	86-1	633	683	625	647	4.87	cps
Strontium	88-1	42	75	42	53	36.46	cps
Sulfur	34-1	339348	338885	344811	341015	0.97	cps
Terbium	159-1	2768354	2794661	2792483	2785166	0.52	cps
Terbium	159-2	984686	977754	982851	981764	0.37	cps
Thallium	203-1	242	242	225	236	4.08	cps
Thallium	205-1	625	575	750	650	13.87	cps
Tin	118-1	183	133	208	175	21.82	cps
Titanium	47-1	125	183	167	158	18.97	cps
Uranium	238-1	17	17	0	11	86.60	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	3370196	3292692	3340206	3334365	1.17	cps
Yttrium	89-2	186738	184951	185208	185632	0.52	cps
Zinc	66-2	73	63	87	74	15.73	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BL	Instrumnet Name :	P8
Client Sample ID :	PB116239BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:55:29	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	117	208	208	178	29.77	cps
Zirconium	91-1	50	50	67	56	17.32	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116239BS Instrumnet Name : P8
 Client Sample ID : PB116239BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 14:58:58 DataFile Name : 024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73502	73577	72820	73300	0.57	cps
Antimony	121-1	1942047	1968742	1945377	1952056	0.75	cps
Arsenic	75-2	52306	52042	51906	52085	0.39	cps
Barium	135-1	1860185	1877532	1872070	1869929	0.47	cps
Barium	137-1	3188598	3274606	3222536	3228580	1.34	cps
Beryllium	9-1	260371	261396	262323	261363	0.37	cps
Bismuth	209-1	1484773	1494613	1497213	1492200	0.44	cps
Bismuth	209-2	705499	707543	705286	706109	0.18	cps
Boron	10-1	35662	36740	38260	36887	3.54	cps
Boron	11-1	188991	193349	197174	193171	2.12	cps
Cadmium	111-1	438221	441397	438791	439470	0.39	cps
Cadmium	106-1	46716	45093	45428	45746	1.87	cps
Cadmium	108-1	32114	32030	31955	32033	0.25	cps
Calcium	43-1	622958	624921	622901	623593	0.18	cps
Calcium	44-1	10027251	10125657	10117769	10090226	0.54	cps
Chromium	52-2	411046	410212	411107	410788	0.12	cps
Cobalt	59-2	788919	792281	790156	790452	0.22	cps
Copper	63-2	1316828	1317177	1313693	1315900	0.15	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	33	33	31	15.76	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	2732360	2698844	2741005	2724070	0.82	cps
Holmium	165-2	1008914	1007407	1005068	1007130	0.19	cps
Indium	115-1	2723255	2714506	2737136	2724966	0.42	cps
Indium	115-2	218767	219513	216331	218204	0.76	cps
Iron	56-2	14285712	14233274	14197739	14238908	0.31	cps
Iron	57-2	356698	355426	357365	356496	0.28	cps
Krypton	83-1	497	557	513	522	5.93	cps
Lead	206-1	810728	821013	814577	815439	0.64	cps
Lead	207-1	725067	736013	729459	730179	0.75	cps
Lead	208-1	4053469	4081015	4062378	4065621	0.35	cps
Lithium	6-1	256248	260882	258893	258675	0.90	cps
Magnesium	24-2	1753832	1750768	1746257	1750286	0.22	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BS	Instrumnet Name :	P8
Client Sample ID :	PB116239BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:58:58	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	255082	252709	255037	254276	0.53	cps
Molybdenum	94-1	3786746	3794623	3768489	3783286	0.35	cps
Molybdenum	95-1	4646276	4673721	4677333	4665776	0.36	cps
Molybdenum	96-1	5149807	5153637	5200425	5167956	0.55	cps
Molybdenum	97-1	2837758	2874384	2846505	2852882	0.67	cps
Molybdenum	98-1	7276867	7368522	7359761	7335050	0.69	cps
Neodymium	150-1	100	67	113	93	25.75	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	229704	231427	230679	230603	0.37	cps
Phosphorus	31-2	6118	6310	5935	6121	3.06	cps
Potassium	39-2	497886	506274	503633	502598	0.85	cps
Rhodium	103-1	2754277	2776361	2797945	2776195	0.79	cps
Rhodium	103-2	1140218	1143954	1146736	1143636	0.29	cps
Scandium	45-1	2364726	2392464	2379030	2378740	0.58	cps
Scandium	45-2	34650	35111	35037	34932	0.71	cps
Selenium	77-2	377	423	357	386	8.87	cps
Selenium	78-2	1369	1389	1356	1371	1.23	cps
Selenium	82-1	33783	33712	33701	33732	0.13	cps
Silicon	28-1	1549687	1552849	1590626	1564387	1.46	cps
Silver	109-1	2130793	2134977	2139189	2134986	0.20	cps
Silver	107-1	2269381	2238075	2266732	2258063	0.77	cps
Sodium	23-2	3716505	3729324	3756173	3734001	0.54	cps
Strontium	86-1	591734	597764	600073	596524	0.72	cps
Strontium	88-1	5106505	5185463	5179766	5157245	0.85	cps
Sulfur	34-1	528759	525556	520728	525014	0.77	cps
Terbium	159-1	2929478	2889127	2921615	2913407	0.73	cps
Terbium	159-2	1019336	1027422	1013873	1020210	0.67	cps
Thallium	203-1	1010327	1020111	1009961	1013466	0.57	cps
Thallium	205-1	2425205	2489570	2487945	2467573	1.49	cps
Tin	118-1	1292090	1305485	1304807	1300794	0.58	cps
Titanium	47-1	1579993	1605367	1622704	1602688	1.34	cps
Uranium	238-1	3013936	3034324	3016544	3021601	0.37	cps
Vanadium	51-2	299362	298634	297729	298575	0.27	cps
Yttrium	89-1	3401453	3363696	3402215	3389121	0.65	cps
Yttrium	89-2	189937	189590	190198	189908	0.16	cps
Zinc	66-2	142213	142755	140736	141902	0.74	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116239BS	Instrumnet Name :	P8
Client Sample ID :	PB116239BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 14:58:58	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3203341	3179062	3232384	3204929	0.83	cps
Zirconium	91-1	689962	692797	693694	692151	0.28	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	244358	241868	241747	242658	0.61	cps
Antimony	121-1	3776	3467	3609	3617	4.27	cps
Arsenic	75-2	5403	5327	5466	5399	1.29	cps
Barium	135-1	175752	176032	175734	175839	0.10	cps
Barium	137-1	305448	306581	305482	305837	0.21	cps
Beryllium	9-1	1263	1380	1217	1287	6.54	cps
Bismuth	209-1	1398678	1390918	1371204	1386933	1.02	cps
Bismuth	209-2	642106	633392	635446	636982	0.72	cps
Boron	10-1	2592	2692	2525	2603	3.22	cps
Boron	11-1	13824	13423	13532	13593	1.52	cps
Cadmium	111-1	3014	3122	2913	3016	3.47	cps
Cadmium	106-1	1308	1575	1425	1436	9.31	cps
Cadmium	108-1	271	300	342	304	11.70	cps
Calcium	43-1	2945052	2922169	2961584	2942935	0.67	cps
Calcium	44-1	47341859	47141524	47936258	47473214	0.87	cps
Chromium	52-2	145423	147410	146370	146401	0.68	cps
Cobalt	59-2	88009	86201	88673	87628	1.46	cps
Copper	63-2	397009	385382	393441	391944	1.52	cps
Dysprosium	156-1	31288	31464	31088	31280	0.60	cps
Dysprosium	156-2	11999	11882	11629	11837	1.60	cps
Erbium	164-1	26077	26620	26495	26397	1.08	cps
Erbium	164-2	9140	9544	9437	9374	2.23	cps
Gadolinium	160-1	29793	29902	29509	29735	0.68	cps
Gadolinium	160-2	14084	14011	13577	13891	1.97	cps
Holmium	165-1	2574395	2626876	2559334	2586868	1.37	cps
Holmium	165-2	933016	929757	922909	928561	0.56	cps
Indium	115-1	2603947	2615676	2596017	2605213	0.38	cps
Indium	115-2	208498	206166	206700	207121	0.59	cps
Iron	56-2	57971660	56899100	57987692	57619484	1.08	cps
Iron	57-2	1468337	1453065	1475464	1465622	0.78	cps
Krypton	83-1	577	587	560	574	2.35	cps
Lead	206-1	854186	844650	851638	850158	0.58	cps
Lead	207-1	707634	702600	704396	704877	0.36	cps
Lead	208-1	4076285	4013089	4064106	4051160	0.83	cps
Lithium	6-1	241121	242197	238237	240518	0.85	cps
Magnesium	24-2	3276906	3295093	3319595	3297198	0.65	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259582	257333	259411	258775	0.48	cps
Molybdenum	94-1	68858	69905	70014	69593	0.92	cps
Molybdenum	95-1	8345	8053	8428	8275	2.38	cps
Molybdenum	96-1	20408	20425	20333	20388	0.24	cps
Molybdenum	97-1	4968	5085	5201	5085	2.30	cps
Molybdenum	98-1	13240	12807	13174	13073	1.79	cps
Neodymium	150-1	51113	51495	50973	51194	0.53	cps
Neodymium	150-2	12943	12716	12556	12739	1.53	cps
Nickel	60-2	180706	178359	179574	179546	0.65	cps
Phosphorus	31-2	1317	1542	1533	1464	8.71	cps
Potassium	39-2	100869	98100	98225	99065	1.58	cps
Rhodium	103-1	2670578	2658510	2610756	2646615	1.20	cps
Rhodium	103-2	1070476	1079635	1070811	1073641	0.48	cps
Scandium	45-1	2473058	2430072	2404369	2435833	1.42	cps
Scandium	45-2	35368	34366	34593	34775	1.51	cps
Selenium	77-2	80	97	97	91	10.56	cps
Selenium	78-2	46	30	52	43	27.15	cps
Selenium	82-1	116	68	94	93	26.11	cps
Silicon	28-1	2515865	2426588	2448875	2463776	1.89	cps
Silver	109-1	2692	2950	2992	2878	5.65	cps
Silver	107-1	3526	3242	3684	3484	6.42	cps
Sodium	23-2	146051	145151	147320	146174	0.75	cps
Strontium	86-1	400331	403082	406204	403205	0.73	cps
Strontium	88-1	3469335	3508332	3529865	3502510	0.88	cps
Sulfur	34-1	382921	381944	378938	381268	0.54	cps
Terbium	159-1	2794985	2779151	2730279	2768138	1.22	cps
Terbium	159-2	960974	954454	949997	955142	0.58	cps
Thallium	203-1	1233	1217	1008	1153	10.88	cps
Thallium	205-1	2525	2342	2509	2459	4.12	cps
Tin	118-1	14942	15493	15084	15173	1.88	cps
Titanium	47-1	517603	517803	522816	519407	0.57	cps
Uranium	238-1	19549	18723	18339	18871	3.28	cps
Vanadium	51-2	89893	88998	90885	89925	1.05	cps
Yttrium	89-1	3810576	3797713	3754810	3787700	0.77	cps
Yttrium	89-2	212750	212901	212502	212718	0.09	cps
Zinc	66-2	146036	144925	145447	145469	0.38	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:02:19	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	182991	185000	184747	184246	0.59	cps
Zirconium	91-1	41389	40913	40511	40938	1.07	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:05:42 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243205	240280	240439	241308	0.68	cps
Antimony	121-1	2825	2567	2875	2756	6.01	cps
Arsenic	75-2	5258	5336	5453	5349	1.83	cps
Barium	135-1	172631	174110	173288	173343	0.43	cps
Barium	137-1	301234	302257	302367	301953	0.21	cps
Beryllium	9-1	1277	1290	1203	1257	3.71	cps
Bismuth	209-1	1313392	1322763	1320934	1319030	0.38	cps
Bismuth	209-2	612447	614389	609192	612009	0.43	cps
Boron	10-1	2067	2067	2375	2170	8.21	cps
Boron	11-1	11588	11513	11505	11536	0.40	cps
Cadmium	111-1	2899	2982	2762	2881	3.85	cps
Cadmium	106-1	1333	1467	1100	1300	14.28	cps
Cadmium	108-1	258	308	279	282	8.91	cps
Calcium	43-1	2851115	2850453	2855681	2852416	0.10	cps
Calcium	44-1	45527441	45810036	46045623	45794367	0.57	cps
Chromium	52-2	146396	147383	145356	146378	0.69	cps
Cobalt	59-2	89472	87751	87794	88339	1.11	cps
Copper	63-2	384354	382442	381049	382615	0.43	cps
Dysprosium	156-1	30896	31029	30871	30932	0.28	cps
Dysprosium	156-2	11582	11382	11782	11582	1.73	cps
Erbium	164-1	26369	25301	25944	25871	2.08	cps
Erbium	164-2	9497	8823	9454	9258	4.07	cps
Gadolinium	160-1	28440	29309	29017	28922	1.53	cps
Gadolinium	160-2	13931	13621	13697	13750	1.18	cps
Holmium	165-1	2468389	2437505	2495717	2467204	1.18	cps
Holmium	165-2	904057	902110	909213	905127	0.41	cps
Indium	115-1	2541389	2525799	2546120	2537769	0.42	cps
Indium	115-2	204706	202207	201750	202888	0.78	cps
Iron	56-2	58178847	57553307	57419712	57717289	0.70	cps
Iron	57-2	1460563	1453265	1462874	1458901	0.34	cps
Krypton	83-1	530	593	690	604	13.33	cps
Lead	206-1	816306	826536	835667	826170	1.17	cps
Lead	207-1	677510	686481	691914	685302	1.06	cps
Lead	208-1	3874408	3958122	3994869	3942466	1.57	cps
Lithium	6-1	220526	219488	222235	220750	0.63	cps
Magnesium	24-2	3252913	3219932	3215458	3229434	0.63	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:05:42 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	255737	259071	258616	257808	0.70	cps
Molybdenum	94-1	68951	68876	69462	69096	0.46	cps
Molybdenum	95-1	8136	8178	8011	8108	1.07	cps
Molybdenum	96-1	19723	19365	18722	19270	2.63	cps
Molybdenum	97-1	4768	4960	5326	5018	5.66	cps
Molybdenum	98-1	12314	12965	12106	12462	3.60	cps
Neodymium	150-1	51106	51555	51435	51366	0.45	cps
Neodymium	150-2	12766	12349	12940	12685	2.39	cps
Nickel	60-2	182317	181584	180871	181591	0.40	cps
Phosphorus	31-2	1325	1358	1150	1278	8.76	cps
Potassium	39-2	97109	98477	97570	97719	0.71	cps
Rhodium	103-1	2553425	2586046	2610173	2583214	1.10	cps
Rhodium	103-2	1058107	1052301	1056190	1055533	0.28	cps
Scandium	45-1	2369565	2359719	2378388	2369224	0.39	cps
Scandium	45-2	33991	34703	33894	34196	1.29	cps
Selenium	77-2	100	87	93	93	7.14	cps
Selenium	78-2	61	33	54	49	29.13	cps
Selenium	82-1	98	94	-81	37	276.53	cps
Silicon	28-1	3097000	3174846	3148722	3140189	1.26	cps
Silver	109-1	2900	2909	3326	3045	7.98	cps
Silver	107-1	3409	3326	3401	3378	1.36	cps
Sodium	23-2	114896	114391	113743	114343	0.51	cps
Strontium	86-1	395822	399043	400271	398379	0.58	cps
Strontium	88-1	3423987	3493892	3459427	3459102	1.01	cps
Sulfur	34-1	384717	387507	386960	386395	0.38	cps
Terbium	159-1	2659899	2652920	2711424	2674748	1.19	cps
Terbium	159-2	931666	923721	918263	924550	0.73	cps
Thallium	203-1	900	950	925	925	2.70	cps
Thallium	205-1	2425	2367	2134	2309	6.69	cps
Tin	118-1	14917	15526	14934	15126	2.29	cps
Titanium	47-1	519258	524254	524530	522681	0.57	cps
Uranium	238-1	17764	18348	18106	18072	1.62	cps
Vanadium	51-2	89389	90215	88313	89306	1.07	cps
Yttrium	89-1	3657803	3748082	3715894	3707260	1.23	cps
Yttrium	89-2	209002	208650	207182	208278	0.46	cps
Zinc	66-2	141665	142116	141106	141629	0.36	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:05:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	180983	183504	182989	182492	0.73	cps
Zirconium	91-1	39567	41339	39776	40227	2.41	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48928	47769	48125	48274	1.23	cps
Antimony	121-1	700	700	675	692	2.09	cps
Arsenic	75-2	1126	1095	1052	1091	3.41	cps
Barium	135-1	35265	34947	33961	34724	1.96	cps
Barium	137-1	60163	62381	62030	61525	1.94	cps
Beryllium	9-1	270	280	293	281	4.16	cps
Bismuth	209-1	1357713	1352774	1373806	1361431	0.81	cps
Bismuth	209-2	628457	628286	626818	627853	0.14	cps
Boron	10-1	567	567	442	525	13.75	cps
Boron	11-1	2784	3559	3192	3178	12.20	cps
Cadmium	111-1	1053	1071	1150	1092	4.73	cps
Cadmium	106-1	775	892	942	870	9.84	cps
Cadmium	108-1	50	46	96	64	43.43	cps
Calcium	43-1	570712	575393	576814	574307	0.56	cps
Calcium	44-1	9292314	9436341	9262731	9330462	1.00	cps
Chromium	52-2	31188	31375	31255	31273	0.30	cps
Cobalt	59-2	17521	17651	17658	17610	0.44	cps
Copper	63-2	77783	78661	80328	78924	1.64	cps
Dysprosium	156-1	6018	6369	6702	6363	5.37	cps
Dysprosium	156-2	2224	2314	2137	2225	3.97	cps
Erbium	164-1	5368	4893	5235	5165	4.75	cps
Erbium	164-2	1880	1777	1820	1826	2.84	cps
Gadolinium	160-1	5968	5701	5993	5888	2.75	cps
Gadolinium	160-2	2644	2637	2677	2653	0.81	cps
Holmium	165-1	2507092	2497120	2476676	2493629	0.62	cps
Holmium	165-2	907013	918776	904939	910242	0.82	cps
Indium	115-1	2630729	2599415	2649748	2626631	0.97	cps
Indium	115-2	208033	207621	209593	208416	0.50	cps
Iron	56-2	11578321	11625619	11609451	11604463	0.21	cps
Iron	57-2	289998	289941	291132	290357	0.23	cps
Krypton	83-1	590	637	560	596	6.49	cps
Lead	206-1	167213	167237	166562	167004	0.23	cps
Lead	207-1	137946	137920	137892	137919	0.02	cps
Lead	208-1	782025	778640	783451	781372	0.32	cps
Lithium	6-1	219950	217520	219423	218964	0.58	cps
Magnesium	24-2	645354	647886	636575	643272	0.92	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52077	51354	52247	51893	0.91	cps
Molybdenum	94-1	13874	13240	14867	13994	5.86	cps
Molybdenum	95-1	1700	1800	1575	1692	6.66	cps
Molybdenum	96-1	3759	3951	4184	3965	5.37	cps
Molybdenum	97-1	1133	958	1117	1070	9.03	cps
Molybdenum	98-1	2759	2425	2684	2623	6.67	cps
Neodymium	150-1	9751	9998	10445	10064	3.49	cps
Neodymium	150-2	2527	2527	2477	2510	1.15	cps
Nickel	60-2	36485	37678	36331	36831	2.00	cps
Phosphorus	31-2	300	258	308	289	9.27	cps
Potassium	39-2	24080	24222	23746	24016	1.02	cps
Rhodium	103-1	2702907	2721115	2702147	2708723	0.40	cps
Rhodium	103-2	1096877	1106647	1096223	1099915	0.53	cps
Scandium	45-1	2263318	2297625	2314858	2291934	1.14	cps
Scandium	45-2	33858	34245	33350	33817	1.33	cps
Selenium	77-2	27	17	23	22	22.91	cps
Selenium	78-2	15	20	13	16	24.03	cps
Selenium	82-1	-143	-154	-98	-132	-22.40	cps
Silicon	28-1	802879	805194	818857	808976	1.07	cps
Silver	109-1	525	542	750	606	20.70	cps
Silver	107-1	625	750	667	681	9.35	cps
Sodium	23-2	40467	38854	39765	39695	2.04	cps
Strontium	86-1	82784	79767	81284	81278	1.86	cps
Strontium	88-1	693096	682734	694559	690130	0.93	cps
Sulfur	34-1	354934	351268	350340	352181	0.69	cps
Terbium	159-1	2711953	2701641	2667438	2693677	0.87	cps
Terbium	159-2	936483	939853	935526	937287	0.24	cps
Thallium	203-1	283	242	325	283	14.71	cps
Thallium	205-1	642	617	508	589	12.04	cps
Tin	118-1	2984	3351	3084	3139	6.04	cps
Titanium	47-1	103079	103364	103590	103344	0.25	cps
Uranium	238-1	3976	3426	3576	3659	7.77	cps
Vanadium	51-2	17648	17945	17905	17833	0.90	cps
Yttrium	89-1	3347587	3370770	3348161	3355506	0.39	cps
Yttrium	89-2	188095	189553	187471	188373	0.57	cps
Zinc	66-2	30043	29755	29836	29878	0.50	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:09:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	36308	36676	36892	36625	0.81	cps
Zirconium	91-1	8178	7886	7903	7989	2.05	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393749	389492	394657	392633	0.70	cps
Antimony	121-1	614147	614935	610268	613117	0.41	cps
Arsenic	75-2	50778	50825	50704	50769	0.12	cps
Barium	135-1	1987443	1998420	2028559	2004807	1.06	cps
Barium	137-1	3442026	3443151	3449329	3444835	0.11	cps
Beryllium	9-1	231614	238040	240266	236640	1.90	cps
Bismuth	209-1	1309331	1347714	1357526	1338191	1.90	cps
Bismuth	209-2	650391	657031	656440	654621	0.56	cps
Boron	10-1	34451	35737	35871	35353	2.22	cps
Boron	11-1	177836	181450	189353	182880	3.22	cps
Cadmium	111-1	396441	399495	401746	399227	0.67	cps
Cadmium	106-1	42067	42936	42910	42638	1.16	cps
Cadmium	108-1	28581	29211	29608	29133	1.78	cps
Calcium	43-1	1577005	1586996	1608333	1590778	1.01	cps
Calcium	44-1	24840862	25299121	25498986	25212990	1.34	cps
Chromium	52-2	518869	523398	520333	520867	0.44	cps
Cobalt	59-2	826502	818561	823909	822991	0.49	cps
Copper	63-2	1749981	1723176	1762550	1745236	1.15	cps
Dysprosium	156-1	33912	31857	32934	32901	3.12	cps
Dysprosium	156-2	12479	12476	12550	12502	0.33	cps
Erbium	164-1	26311	26703	27447	26820	2.15	cps
Erbium	164-2	9724	9604	9700	9676	0.66	cps
Gadolinium	160-1	30094	31021	31172	30762	1.90	cps
Gadolinium	160-2	15079	14762	15076	14972	1.22	cps
Holmium	165-1	2473636	2519727	2530266	2507876	1.20	cps
Holmium	165-2	941795	954160	946410	947455	0.66	cps
Indium	115-1	2498504	2509609	2567532	2525215	1.47	cps
Indium	115-2	203022	203161	202940	203041	0.06	cps
Iron	56-2	63086390	62797961	62748338	62877563	0.29	cps
Iron	57-2	1619850	1609807	1607207	1612288	0.41	cps
Krypton	83-1	537	623	587	582	7.47	cps
Lead	206-1	2075856	2087919	2167173	2110316	2.35	cps
Lead	207-1	1767795	1795391	1824541	1795909	1.58	cps
Lead	208-1	9951247	10094622	10273096	10106321	1.60	cps
Lithium	6-1	230587	233029	236831	233482	1.35	cps
Magnesium	24-2	2894282	2914965	2902673	2903973	0.36	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	493307	488135	492612	491351	0.57	cps
Molybdenum	94-1	3491082	3458970	3492658	3480903	0.55	cps
Molybdenum	95-1	4140833	4164725	4167969	4157842	0.36	cps
Molybdenum	96-1	4556649	4578655	4648421	4594575	1.04	cps
Molybdenum	97-1	2479428	2514737	2499967	2498044	0.71	cps
Molybdenum	98-1	6402830	6547268	6494455	6481518	1.13	cps
Neodymium	150-1	54520	55257	55706	55161	1.09	cps
Neodymium	150-2	13847	14048	13898	13931	0.75	cps
Nickel	60-2	393887	393203	396112	394401	0.39	cps
Phosphorus	31-2	1233	1100	1217	1183	6.14	cps
Potassium	39-2	600199	591612	598358	596723	0.76	cps
Rhodium	103-1	2547672	2523045	2553904	2541540	0.64	cps
Rhodium	103-2	1057977	1055404	1065099	1059493	0.47	cps
Scandium	45-1	2319240	2378489	2381968	2359899	1.49	cps
Scandium	45-2	34686	34810	34840	34779	0.23	cps
Selenium	77-2	383	473	443	433	10.57	cps
Selenium	78-2	1352	1169	1215	1245	7.66	cps
Selenium	82-1	29103	29157	29298	29186	0.34	cps
Silicon	28-1	8021576	8125209	8271527	8139437	1.54	cps
Silver	109-1	1888592	1887031	1902758	1892794	0.46	cps
Silver	107-1	1982347	1980319	2026070	1996245	1.29	cps
Sodium	23-2	3585668	3617780	3625282	3609576	0.58	cps
Strontium	86-1	913936	913802	923199	916979	0.59	cps
Strontium	88-1	7803612	7867548	7930077	7867079	0.80	cps
Sulfur	34-1	390275	387902	383266	387148	0.92	cps
Terbium	159-1	2644981	2729513	2745433	2706642	1.99	cps
Terbium	159-2	978477	971885	980306	976889	0.45	cps
Thallium	203-1	897807	907682	920727	908739	1.27	cps
Thallium	205-1	2191768	2213419	2247349	2217512	1.26	cps
Tin	118-1	863855	880513	875484	873284	0.98	cps
Titanium	47-1	2277238	2323150	2317355	2305914	1.08	cps
Uranium	238-1	2682705	2718523	2746935	2716054	1.19	cps
Vanadium	51-2	370252	369756	371936	370648	0.31	cps
Yttrium	89-1	3742818	3690277	3773887	3735661	1.13	cps
Yttrium	89-2	211742	207243	210867	209951	1.14	cps
Zinc	66-2	260990	256928	261235	259718	0.93	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:12:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3215267	3239644	3313708	3256206	1.57	cps
Zirconium	91-1	701801	702369	707930	704033	0.48	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02A Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AA Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:15:50 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380742	374104	376639	377161	0.89	cps
Antimony	121-1	584778	583230	586097	584701	0.25	cps
Arsenic	75-2	49665	49183	50020	49623	0.85	cps
Barium	135-1	1939749	1929334	1931357	1933480	0.29	cps
Barium	137-1	3341548	3332822	3337684	3337352	0.13	cps
Beryllium	9-1	234548	234679	235870	235032	0.31	cps
Bismuth	209-1	1367015	1365384	1391940	1374779	1.08	cps
Bismuth	209-2	645173	645771	646240	645728	0.08	cps
Boron	10-1	35628	34384	35971	35328	2.36	cps
Boron	11-1	180693	181537	187460	183230	2.01	cps
Cadmium	111-1	397448	400223	403211	400294	0.72	cps
Cadmium	106-1	43212	42076	42987	42758	1.41	cps
Cadmium	108-1	28251	28643	29579	28824	2.37	cps
Calcium	43-1	2251780	2249568	2273314	2258220	0.58	cps
Calcium	44-1	35871369	36391921	36173924	36145738	0.72	cps
Chromium	52-2	519281	513642	517370	516764	0.56	cps
Cobalt	59-2	811624	805438	801007	806023	0.66	cps
Copper	63-2	1668601	1663949	1680015	1670855	0.49	cps
Dysprosium	156-1	33770	33260	33720	33583	0.84	cps
Dysprosium	156-2	12366	12399	12263	12343	0.58	cps
Erbium	164-1	28499	27989	27029	27839	2.68	cps
Erbium	164-2	9734	9580	9670	9662	0.80	cps
Gadolinium	160-1	30963	30670	31982	31205	2.21	cps
Gadolinium	160-2	14655	14495	14518	14556	0.59	cps
Holmium	165-1	2557474	2576722	2586955	2573717	0.58	cps
Holmium	165-2	945785	952152	932884	943607	1.04	cps
Indium	115-1	2536118	2570528	2606519	2571055	1.37	cps
Indium	115-2	204862	206545	203288	204898	0.80	cps
Iron	56-2	66068210	65893890	64995001	65652367	0.88	cps
Iron	57-2	1675325	1651137	1660382	1662281	0.73	cps
Krypton	83-1	543	617	640	600	8.41	cps
Lead	206-1	1722843	1725536	1737387	1728589	0.45	cps
Lead	207-1	1417741	1413248	1424929	1418639	0.42	cps
Lead	208-1	8171481	8107140	8209809	8162810	0.64	cps
Lithium	6-1	239829	237695	242702	240075	1.05	cps
Magnesium	24-2	3834767	3809433	3800566	3814922	0.47	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:15:50	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	496604	494143	491707	494152	0.50	cps
Molybdenum	94-1	3499194	3540689	3533958	3524613	0.63	cps
Molybdenum	95-1	4119767	4190389	4191543	4167233	0.99	cps
Molybdenum	96-1	4552980	4667479	4639578	4620012	1.29	cps
Molybdenum	97-1	2547973	2542303	2502984	2531087	0.97	cps
Molybdenum	98-1	6511526	6516777	6536358	6521554	0.20	cps
Neodymium	150-1	55063	54433	52854	54117	2.10	cps
Neodymium	150-2	13584	13040	13697	13440	2.61	cps
Nickel	60-2	397480	399657	398446	398527	0.27	cps
Phosphorus	31-2	1458	1242	1275	1325	8.81	cps
Potassium	39-2	579658	574900	584380	579646	0.82	cps
Rhodium	103-1	2626097	2587036	2637103	2616745	1.01	cps
Rhodium	103-2	1072003	1066679	1060039	1066241	0.56	cps
Scandium	45-1	2401693	2389914	2436827	2409478	1.01	cps
Scandium	45-2	35067	35037	35151	35085	0.17	cps
Selenium	77-2	413	487	437	446	8.41	cps
Selenium	78-2	1233	1167	1257	1219	3.86	cps
Selenium	82-1	29079	28884	28979	28981	0.34	cps
Silicon	28-1	4938272	4934192	4978557	4950340	0.50	cps
Silver	109-1	1894715	1901013	1920748	1905492	0.71	cps
Silver	107-1	2003702	2009968	1998350	2004007	0.29	cps
Sodium	23-2	3565785	3531215	3515265	3537421	0.73	cps
Strontium	86-1	843989	850389	857394	850591	0.79	cps
Strontium	88-1	7277372	7236586	7311585	7275181	0.52	cps
Sulfur	34-1	392896	388682	384399	388659	1.09	cps
Terbium	159-1	2746911	2757007	2774664	2759527	0.51	cps
Terbium	159-2	966795	965622	953689	962036	0.75	cps
Thallium	203-1	906046	913921	911468	910478	0.44	cps
Thallium	205-1	2181336	2221128	2225569	2209344	1.10	cps
Tin	118-1	862578	867602	865339	865173	0.29	cps
Titanium	47-1	2157574	2205413	2163675	2175554	1.20	cps
Uranium	238-1	2778583	2729357	2783989	2763977	1.09	cps
Vanadium	51-2	362067	358904	361807	360926	0.49	cps
Yttrium	89-1	3741017	3756284	3789788	3762363	0.66	cps
Yttrium	89-2	214378	210480	209861	211573	1.16	cps
Zinc	66-2	258499	257817	258139	258152	0.13	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:15:50	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3226921	3229837	3298992	3251917	1.25	cps
Zirconium	91-1	696498	705503	704788	702263	0.71	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391254	388904	389304	389821	0.32	cps
Antimony	121-1	606893	611926	616432	611750	0.78	cps
Arsenic	75-2	51350	50667	50457	50825	0.92	cps
Barium	135-1	1974097	1978736	2014058	1988964	1.10	cps
Barium	137-1	3434043	3411548	3428990	3424860	0.34	cps
Beryllium	9-1	236373	240870	240007	239083	1.00	cps
Bismuth	209-1	1356938	1372267	1373545	1367583	0.68	cps
Bismuth	209-2	658754	657758	650607	655707	0.68	cps
Boron	10-1	34868	35996	37258	36041	3.32	cps
Boron	11-1	180426	188551	191043	186673	2.97	cps
Cadmium	111-1	402785	403317	402144	402748	0.15	cps
Cadmium	106-1	43212	42468	42601	42761	0.93	cps
Cadmium	108-1	28601	29132	29683	29139	1.86	cps
Calcium	43-1	1905265	1924922	1896986	1909058	0.75	cps
Calcium	44-1	30195893	30821055	30558185	30525045	1.03	cps
Chromium	52-2	522404	515865	523105	520458	0.77	cps
Cobalt	59-2	819995	819150	813808	817651	0.41	cps
Copper	63-2	1729212	1712500	1708251	1716654	0.65	cps
Dysprosium	156-1	32992	33736	33193	33307	1.16	cps
Dysprosium	156-2	12530	12429	12690	12550	1.05	cps
Erbium	164-1	26453	26971	27572	26999	2.07	cps
Erbium	164-2	9767	9867	9951	9862	0.93	cps
Gadolinium	160-1	30553	29877	31723	30718	3.04	cps
Gadolinium	160-2	14758	14875	14498	14711	1.31	cps
Holmium	165-1	2516977	2579474	2565228	2553893	1.28	cps
Holmium	165-2	954761	963663	952722	957049	0.61	cps
Indium	115-1	2529851	2559257	2550110	2546406	0.59	cps
Indium	115-2	204693	207234	205785	205904	0.62	cps
Iron	56-2	64630303	64474918	63748022	64284414	0.73	cps
Iron	57-2	1648139	1638689	1638123	1641650	0.34	cps
Krypton	83-1	640	720	720	693	6.66	cps
Lead	206-1	1977972	1965388	2003713	1982358	0.99	cps
Lead	207-1	1692340	1615599	1627604	1645181	2.51	cps
Lead	208-1	9463228	9331105	9361569	9385300	0.74	cps
Lithium	6-1	239880	242632	246219	242910	1.31	cps
Magnesium	24-2	3336490	3302620	3295998	3311702	0.66	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	497829	494384	492032	494748	0.59	cps
Molybdenum	94-1	3527353	3534613	3574709	3545558	0.72	cps
Molybdenum	95-1	4186687	4210828	4246722	4214746	0.72	cps
Molybdenum	96-1	4628741	4622535	4699680	4650319	0.92	cps
Molybdenum	97-1	2523464	2588196	2574634	2562098	1.33	cps
Molybdenum	98-1	6564379	6605951	6640953	6603761	0.58	cps
Neodymium	150-1	55912	55511	55491	55638	0.43	cps
Neodymium	150-2	13554	13928	13687	13723	1.38	cps
Nickel	60-2	397700	399886	396719	398102	0.41	cps
Phosphorus	31-2	1217	1158	1400	1258	10.02	cps
Potassium	39-2	593546	595210	592624	593793	0.22	cps
Rhodium	103-1	2573383	2604878	2592424	2590228	0.61	cps
Rhodium	103-2	1070232	1071396	1064887	1068839	0.32	cps
Scandium	45-1	2410322	2420843	2418284	2416483	0.23	cps
Scandium	45-2	34907	35194	33965	34689	1.85	cps
Selenium	77-2	447	380	390	406	8.87	cps
Selenium	78-2	1282	1274	1245	1267	1.55	cps
Selenium	82-1	28603	29175	29795	29191	2.04	cps
Silicon	28-1	7114774	7153103	7209924	7159267	0.67	cps
Silver	109-1	1908741	1950962	1921660	1927121	1.12	cps
Silver	107-1	2029365	2014376	2052393	2032045	0.94	cps
Sodium	23-2	3605444	3591899	3600385	3599243	0.19	cps
Strontium	86-1	888604	890892	885017	888171	0.33	cps
Strontium	88-1	7628352	7702648	7602891	7644630	0.68	cps
Sulfur	34-1	380866	382325	385023	382738	0.55	cps
Terbium	159-1	2731735	2757816	2753706	2747752	0.51	cps
Terbium	159-2	975525	983515	980718	979919	0.41	cps
Thallium	203-1	912472	925582	926418	921491	0.85	cps
Thallium	205-1	2253662	2239529	2279145	2257445	0.89	cps
Tin	118-1	873012	880679	880620	878103	0.50	cps
Titanium	47-1	2250459	2301013	2292095	2281189	1.18	cps
Uranium	238-1	2777572	2810760	2778887	2789073	0.67	cps
Vanadium	51-2	368752	366709	368955	368138	0.34	cps
Yttrium	89-1	3728144	3806173	3749012	3761110	1.07	cps
Yttrium	89-2	211383	212074	209773	211077	0.56	cps
Zinc	66-2	258518	261453	260444	260138	0.57	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:19:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3244105	3285297	3293209	3274204	0.81	cps
Zirconium	91-1	709120	707721	707947	708263	0.11	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48547	48555	48783	48628	0.28	cps
Antimony	121-1	733	608	650	664	9.59	cps
Arsenic	75-2	1059	1074	1159	1098	4.92	cps
Barium	135-1	35348	35690	35707	35582	0.57	cps
Barium	137-1	62867	63118	61008	62331	1.85	cps
Beryllium	9-1	303	283	240	276	11.75	cps
Bismuth	209-1	1423910	1390539	1401340	1405263	1.21	cps
Bismuth	209-2	650806	654986	643931	649908	0.86	cps
Boron	10-1	842	808	708	786	8.83	cps
Boron	11-1	4293	4418	4593	4434	3.40	cps
Cadmium	111-1	905	1126	947	993	11.83	cps
Cadmium	106-1	800	1025	767	864	16.27	cps
Cadmium	108-1	54	113	75	81	36.69	cps
Calcium	43-1	594353	588048	588119	590173	0.61	cps
Calcium	44-1	9722734	9542619	9666308	9643887	0.96	cps
Chromium	52-2	30483	30677	30724	30628	0.42	cps
Cobalt	59-2	18095	17788	17878	17921	0.88	cps
Copper	63-2	79580	80736	80807	80374	0.86	cps
Dysprosium	156-1	5977	6494	6844	6438	6.78	cps
Dysprosium	156-2	2224	2324	2430	2326	4.44	cps
Erbium	164-1	5735	4985	5401	5374	7.00	cps
Erbium	164-2	1987	1974	1797	1919	5.53	cps
Gadolinium	160-1	5968	5935	6027	5977	0.78	cps
Gadolinium	160-2	2904	2937	2897	2913	0.74	cps
Holmium	165-1	2581920	2503993	2552798	2546237	1.55	cps
Holmium	165-2	925476	932469	930306	929417	0.39	cps
Indium	115-1	2615499	2633399	2677823	2642240	1.21	cps
Indium	115-2	210749	211673	212076	211499	0.32	cps
Iron	56-2	11788302	11683317	11670965	11714194	0.55	cps
Iron	57-2	293857	291590	292372	292606	0.39	cps
Krypton	83-1	543	503	520	522	3.85	cps
Lead	206-1	174259	171301	172759	172773	0.86	cps
Lead	207-1	144728	142908	144745	144127	0.73	cps
Lead	208-1	820209	806849	812568	813208	0.82	cps
Lithium	6-1	235788	229662	231281	232244	1.37	cps
Magnesium	24-2	644573	646542	648376	646497	0.29	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51408	52361	51973	51914	0.92	cps
Molybdenum	94-1	14425	13783	14091	14099	2.28	cps
Molybdenum	95-1	1634	1817	1734	1728	5.31	cps
Molybdenum	96-1	4034	4243	4117	4131	2.54	cps
Molybdenum	97-1	1175	1125	1308	1203	7.88	cps
Molybdenum	98-1	2784	3092	2784	2887	6.17	cps
Neodymium	150-1	10551	10244	10551	10449	1.70	cps
Neodymium	150-2	2557	2530	2544	2544	0.52	cps
Nickel	60-2	36481	36882	36952	36772	0.69	cps
Phosphorus	31-2	275	242	300	272	10.75	cps
Potassium	39-2	24840	24539	24606	24661	0.64	cps
Rhodium	103-1	2736476	2706086	2749556	2730706	0.82	cps
Rhodium	103-2	1103704	1102231	1101770	1102569	0.09	cps
Scandium	45-1	2341489	2305004	2317594	2321363	0.80	cps
Scandium	45-2	32955	34021	33320	33432	1.62	cps
Selenium	77-2	37	20	27	28	30.20	cps
Selenium	78-2	19	11	15	15	25.01	cps
Selenium	82-1	-73	-27	-36	-45	-53.96	cps
Silicon	28-1	748120	727593	731863	735859	1.47	cps
Silver	109-1	558	633	667	619	8.96	cps
Silver	107-1	667	942	867	825	17.23	cps
Sodium	23-2	43007	41712	41863	42194	1.68	cps
Strontium	86-1	83430	83388	82381	83066	0.71	cps
Strontium	88-1	699505	695527	696493	697175	0.30	cps
Sulfur	34-1	346909	348707	346876	347497	0.30	cps
Terbium	159-1	2805426	2760868	2764072	2776789	0.90	cps
Terbium	159-2	947738	955055	952165	951653	0.39	cps
Thallium	203-1	325	267	225	272	18.45	cps
Thallium	205-1	792	675	708	725	8.29	cps
Tin	118-1	3192	3101	3392	3228	4.62	cps
Titanium	47-1	106596	105345	105043	105661	0.78	cps
Uranium	238-1	4009	3542	3934	3829	6.55	cps
Vanadium	51-2	18389	18379	18099	18289	0.90	cps
Yttrium	89-1	3434116	3385167	3383495	3400926	0.85	cps
Yttrium	89-2	187431	186886	187498	187272	0.18	cps
Zinc	66-2	30811	29492	30183	30162	2.19	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:25:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	37695	36542	36943	37060	1.58	cps
Zirconium	91-1	8094	8436	8153	8228	2.22	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCV21 Instrumnet Name : P8
 Client Sample ID : CCV21 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:32:24 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384206	384420	383903	384176	0.07	cps
Antimony	121-1	1925098	1921693	1947848	1931546	0.74	cps
Arsenic	75-2	52752	53299	52391	52814	0.86	cps
Barium	135-1	1827052	1864506	1860275	1850611	1.11	cps
Barium	137-1	3182058	3170955	3218545	3190519	0.78	cps
Beryllium	9-1	250951	254707	255227	253629	0.92	cps
Bismuth	209-1	1343595	1368319	1357486	1356467	0.91	cps
Bismuth	209-2	653847	660463	652873	655727	0.63	cps
Boron	10-1	35980	36748	36030	36252	1.19	cps
Boron	11-1	184347	187455	193290	188364	2.41	cps
Cadmium	111-1	423820	426908	429760	426829	0.70	cps
Cadmium	106-1	45043	44993	45637	45224	0.79	cps
Cadmium	108-1	30564	30877	30949	30797	0.66	cps
Calcium	43-1	2991715	3032445	3057423	3027194	1.10	cps
Calcium	44-1	47817529	48950158	49314369	48694019	1.60	cps
Chromium	52-2	415084	417793	416317	416398	0.33	cps
Cobalt	59-2	792136	796674	793452	794087	0.29	cps
Copper	63-2	1289116	1286552	1284707	1286792	0.17	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	2593741	2610716	2581007	2595155	0.57	cps
Holmium	165-2	966337	976376	970565	971093	0.52	cps
Indium	115-1	2563145	2586676	2609974	2586598	0.91	cps
Indium	115-2	212231	210685	210414	211110	0.46	cps
Iron	56-2	71349232	70596818	70808831	70918294	0.55	cps
Iron	57-2	1787387	1780378	1795032	1787599	0.41	cps
Krypton	83-1	477	553	523	518	7.46	cps
Lead	206-1	754294	769372	765492	763053	1.03	cps
Lead	207-1	681604	693220	691376	688734	0.91	cps
Lead	208-1	3800266	3869301	3848796	3839454	0.92	cps
Lithium	6-1	233574	237630	242946	238050	1.97	cps
Magnesium	24-2	8079342	8185975	8061850	8109055	0.83	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:32:24	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	256151	256154	253941	255415	0.50	cps
Molybdenum	94-1	3817411	3826138	3851030	3831526	0.46	cps
Molybdenum	95-1	4650495	4709793	4724540	4694943	0.83	cps
Molybdenum	96-1	5200485	5236005	5258271	5231587	0.56	cps
Molybdenum	97-1	2868518	2909762	2865216	2881165	0.86	cps
Molybdenum	98-1	7378012	7411884	7497819	7429239	0.83	cps
Neodymium	150-1	93	140	73	102	33.47	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	231070	233579	230435	231695	0.72	cps
Phosphorus	31-2	6285	6227	6352	6288	1.00	cps
Potassium	39-2	2547316	2572916	2522722	2547651	0.99	cps
Rhodium	103-1	2642908	2654602	2643773	2647094	0.25	cps
Rhodium	103-2	1087969	1094293	1098181	1093481	0.47	cps
Scandium	45-1	2310045	2372934	2397327	2360102	1.91	cps
Scandium	45-2	34609	34499	34780	34629	0.41	cps
Selenium	77-2	400	363	433	399	8.78	cps
Selenium	78-2	1376	1376	1380	1377	0.16	cps
Selenium	82-1	33260	33069	33682	33337	0.94	cps
Silicon	28-1	1514442	1576863	1630776	1574027	3.70	cps
Silver	109-1	2059198	2075154	2104421	2079591	1.10	cps
Silver	107-1	2167537	2203706	2193892	2188378	0.85	cps
Sodium	23-2	18236321	18145582	18168822	18183575	0.26	cps
Strontium	86-1	586730	598109	597704	594181	1.09	cps
Strontium	88-1	5142618	5174903	5170803	5162775	0.34	cps
Sulfur	34-1	533094	528361	539810	533755	1.08	cps
Terbium	159-1	2750190	2809482	2803733	2787801	1.17	cps
Terbium	159-2	994052	1000056	1003111	999073	0.46	cps
Thallium	203-1	948758	964962	955251	956324	0.85	cps
Thallium	205-1	2322762	2377983	2360789	2353845	1.20	cps
Tin	118-1	1279342	1286237	1280875	1282151	0.28	cps
Titanium	47-1	1589953	1612649	1631098	1611233	1.28	cps
Uranium	238-1	2881711	2913371	2913079	2902720	0.63	cps
Vanadium	51-2	304335	304847	308640	305941	0.77	cps
Yttrium	89-1	3245653	3341452	3346914	3311340	1.72	cps
Yttrium	89-2	187930	189444	190034	189136	0.57	cps
Zinc	66-2	140840	139924	140594	140452	0.34	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:32:24	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3225444	3243658	3254671	3241258	0.46	cps
Zirconium	91-1	698153	704047	708911	703704	0.77	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:37:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	35	60	55	32.78	cps
Antimony	121-1	425	658	850	644	33.03	cps
Arsenic	75-2	7	11	15	11	33.30	cps
Barium	135-1	17	17	42	25	57.73	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	40	57	60	52	20.52	cps
Bismuth	209-1	1433425	1424403	1419161	1425663	0.51	cps
Bismuth	209-2	676769	674634	673578	674994	0.24	cps
Boron	10-1	317	433	392	381	15.54	cps
Boron	11-1	2059	2009	1900	1989	4.07	cps
Cadmium	111-1	485	483	571	513	9.78	cps
Cadmium	106-1	692	658	808	720	10.95	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	277	237	250	254	8.00	cps
Calcium	44-1	75790	76014	75384	75729	0.42	cps
Chromium	52-2	1977	2024	2220	2074	6.23	cps
Cobalt	59-2	120	117	103	113	7.78	cps
Copper	63-2	230	243	167	213	19.20	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	25	8	173.21	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	2601799	2587303	2554353	2581152	0.94	cps
Holmium	165-2	949462	939647	941871	943660	0.55	cps
Indium	115-1	2670861	2677975	2659936	2669591	0.34	cps
Indium	115-2	215553	213852	212856	214087	0.64	cps
Iron	56-2	4656	4812	4812	4760	1.89	cps
Iron	57-2	200	189	150	180	14.62	cps
Krypton	83-1	590	553	597	580	4.02	cps
Lead	206-1	300	267	378	315	18.11	cps
Lead	207-1	217	250	306	257	17.45	cps
Lead	208-1	1456	1322	1572	1450	8.63	cps
Lithium	6-1	250329	246483	244234	247016	1.25	cps
Magnesium	24-2	483	417	433	444	7.81	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 15:37:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	87	73	84	12.07	cps
Molybdenum	94-1	192	275	283	250	20.28	cps
Molybdenum	95-1	233	158	200	197	19.05	cps
Molybdenum	96-1	142	150	317	203	48.68	cps
Molybdenum	97-1	292	292	275	286	3.36	cps
Molybdenum	98-1	342	267	300	303	12.41	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	140	87	119	23.84	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5776	6118	6410	6102	5.20	cps
Rhodium	103-1	2806398	2817090	2783031	2802173	0.62	cps
Rhodium	103-2	1144998	1127171	1138853	1137007	0.80	cps
Scandium	45-1	2371515	2365486	2319392	2352131	1.21	cps
Scandium	45-2	33724	34035	33594	33784	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-173	-97	-150	-140	-27.98	cps
Silicon	28-1	239690	238725	237331	238582	0.50	cps
Silver	109-1	75	125	100	100	25.00	cps
Silver	107-1	83	67	42	64	32.83	cps
Sodium	23-2	20081	20090	19981	20051	0.30	cps
Strontium	86-1	725	675	550	650	13.87	cps
Strontium	88-1	100	75	92	89	14.32	cps
Sulfur	34-1	352211	352033	353042	352429	0.15	cps
Terbium	159-1	2805502	2771654	2781955	2786370	0.62	cps
Terbium	159-2	973808	959013	963565	965462	0.78	cps
Thallium	203-1	158	108	75	114	36.83	cps
Thallium	205-1	358	333	317	336	6.24	cps
Tin	118-1	225	192	225	214	9.00	cps
Titanium	47-1	117	125	108	117	7.14	cps
Uranium	238-1	33	17	33	28	34.63	cps
Vanadium	51-2	13	33	43	30	50.92	cps
Yttrium	89-1	3378884	3367406	3278087	3341459	1.65	cps
Yttrium	89-2	185232	185671	184514	185139	0.32	cps
Zinc	66-2	87	83	73	81	8.56	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 15:37:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	225	242	231	4.17	cps
Zirconium	91-1	75	50	75	67	21.65	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:41:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48901	49990	49157	49349	1.15	cps
Antimony	121-1	900	867	775	847	7.64	cps
Arsenic	75-2	1115	1130	1130	1125	0.76	cps
Barium	135-1	35206	37086	35616	35969	2.75	cps
Barium	137-1	61963	61435	62340	61912	0.73	cps
Beryllium	9-1	280	293	220	264	14.77	cps
Bismuth	209-1	1408308	1398528	1394980	1400606	0.49	cps
Bismuth	209-2	649450	647164	638938	645184	0.86	cps
Boron	10-1	858	717	775	783	9.09	cps
Boron	11-1	3459	3801	3451	3570	5.60	cps
Cadmium	111-1	1088	1041	923	1017	8.32	cps
Cadmium	106-1	933	850	850	878	5.48	cps
Cadmium	108-1	58	71	67	65	9.76	cps
Calcium	43-1	584120	593218	586671	588003	0.80	cps
Calcium	44-1	9569788	9582144	9679478	9610470	0.63	cps
Chromium	52-2	31529	31963	31205	31566	1.21	cps
Cobalt	59-2	18105	18502	18242	18283	1.10	cps
Copper	63-2	80113	79355	79214	79561	0.61	cps
Dysprosium	156-1	6393	6394	6719	6502	2.89	cps
Dysprosium	156-2	2337	2330	2590	2419	6.13	cps
Erbium	164-1	5643	5376	5485	5501	2.44	cps
Erbium	164-2	1844	1920	1950	1905	2.89	cps
Gadolinium	160-1	6252	6177	5960	6130	2.47	cps
Gadolinium	160-2	2610	2777	2874	2754	4.84	cps
Holmium	165-1	2541576	2565119	2540107	2548934	0.55	cps
Holmium	165-2	929739	923604	921229	924857	0.47	cps
Indium	115-1	2654531	2637881	2636949	2643120	0.37	cps
Indium	115-2	211039	209434	208298	209590	0.66	cps
Iron	56-2	11940655	11940871	11821973	11901166	0.58	cps
Iron	57-2	300899	294220	291475	295531	1.64	cps
Krypton	83-1	553	557	620	577	6.51	cps
Lead	206-1	176589	174510	173417	174838	0.92	cps
Lead	207-1	145667	145531	142794	144664	1.12	cps
Lead	208-1	817393	818521	810111	815342	0.56	cps
Lithium	6-1	240711	238035	234850	237865	1.23	cps
Magnesium	24-2	651382	660835	646424	652881	1.12	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ADUP Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:41:21 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53044	53234	53057	53112	0.20	cps
Molybdenum	94-1	14100	14392	14183	14225	1.06	cps
Molybdenum	95-1	1642	1867	1617	1709	8.06	cps
Molybdenum	96-1	4067	3817	4193	4026	4.74	cps
Molybdenum	97-1	1258	1333	1342	1311	3.50	cps
Molybdenum	98-1	2742	2834	2725	2767	2.11	cps
Neodymium	150-1	10471	10458	10525	10485	0.34	cps
Neodymium	150-2	2540	2557	2594	2564	1.06	cps
Nickel	60-2	37277	37875	37270	37474	0.93	cps
Phosphorus	31-2	325	333	267	308	11.78	cps
Potassium	39-2	24472	24906	24372	24584	1.16	cps
Rhodium	103-1	2745054	2727034	2733736	2735275	0.33	cps
Rhodium	103-2	1105539	1097141	1101819	1101499	0.38	cps
Scandium	45-1	2356308	2362750	2385050	2368036	0.64	cps
Scandium	45-2	33958	33620	32735	33438	1.89	cps
Selenium	77-2	10	20	30	20	50.00	cps
Selenium	78-2	15	9	13	12	22.89	cps
Selenium	82-1	-88	-63	-106	-86	-25.52	cps
Silicon	28-1	945037	949351	946776	947055	0.23	cps
Silver	109-1	683	700	700	694	1.39	cps
Silver	107-1	583	642	933	719	26.07	cps
Sodium	23-2	39121	39205	38161	38829	1.49	cps
Strontium	86-1	84026	81510	83724	83087	1.65	cps
Strontium	88-1	695227	699849	702292	699123	0.51	cps
Sulfur	34-1	362720	365664	360205	362863	0.75	cps
Terbium	159-1	2776066	2738001	2797660	2770576	1.09	cps
Terbium	159-2	960222	945544	938230	947999	1.18	cps
Thallium	203-1	317	308	125	250	43.33	cps
Thallium	205-1	575	658	442	558	19.57	cps
Tin	118-1	2859	3117	3134	3037	5.08	cps
Titanium	47-1	107050	108897	108393	108113	0.88	cps
Uranium	238-1	3534	3384	3392	3437	2.45	cps
Vanadium	51-2	18002	18002	17968	17991	0.11	cps
Yttrium	89-1	3435036	3389639	3425478	3416717	0.70	cps
Yttrium	89-2	187751	187545	184951	186749	0.84	cps
Zinc	66-2	29819	29709	29979	29836	0.46	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ADUP	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:41:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	37068	36817	38873	37586	2.98	cps
Zirconium	91-1	8436	8145	8511	8364	2.32	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ALDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 15:44:48	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9588	9393	9848	9610	2.38	cps
Antimony	121-1	200	267	283	250	17.64	cps
Arsenic	75-2	215	228	228	223	3.35	cps
Barium	135-1	7069	7069	6894	7011	1.44	cps
Barium	137-1	12289	12265	12190	12248	0.42	cps
Beryllium	9-1	123	70	90	94	28.53	cps
Bismuth	209-1	1407490	1381423	1392022	1393645	0.94	cps
Bismuth	209-2	656713	651332	653961	654002	0.41	cps
Boron	10-1	300	333	300	311	6.18	cps
Boron	11-1	1659	1592	1592	1614	2.38	cps
Cadmium	111-1	645	559	578	594	7.61	cps
Cadmium	106-1	767	658	725	717	7.63	cps
Cadmium	108-1	0	8	25	11	114.58	cps
Calcium	43-1	117126	116863	117748	117246	0.39	cps
Calcium	44-1	2050488	2053489	2023369	2042449	0.81	cps
Chromium	52-2	7742	7726	7899	7789	1.23	cps
Cobalt	59-2	3781	3637	3761	3726	2.08	cps
Copper	63-2	16203	16123	16056	16127	0.46	cps
Dysprosium	156-1	1133	1067	1350	1183	12.52	cps
Dysprosium	156-2	457	517	477	483	6.32	cps
Erbium	164-1	1142	1017	1050	1070	6.05	cps
Erbium	164-2	357	397	337	363	8.41	cps
Gadolinium	160-1	1158	1233	1175	1189	3.31	cps
Gadolinium	160-2	580	487	533	533	8.75	cps
Holmium	165-1	2564401	2506777	2557550	2542909	1.24	cps
Holmium	165-2	925994	918593	928894	924493	0.57	cps
Indium	115-1	2675380	2644637	2676647	2665555	0.68	cps
Indium	115-2	211599	209216	210531	210449	0.57	cps
Iron	56-2	2432629	2368603	2427086	2409439	1.47	cps
Iron	57-2	59226	59142	58952	59107	0.24	cps
Krypton	83-1	540	620	573	578	6.96	cps
Lead	206-1	34397	33751	33885	34011	1.00	cps
Lead	207-1	29140	28800	28471	28804	1.16	cps
Lead	208-1	163200	161835	160323	161786	0.89	cps
Lithium	6-1	232169	234926	232637	233244	0.63	cps
Magnesium	24-2	132488	132657	129646	131597	1.29	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02LDLX25 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8ALDL Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 15:44:48 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10404	10701	10638	10581	1.48	cps
Molybdenum	94-1	2834	2942	2684	2820	4.60	cps
Molybdenum	95-1	342	358	317	339	6.19	cps
Molybdenum	96-1	733	800	950	828	13.41	cps
Molybdenum	97-1	333	233	433	333	30.00	cps
Molybdenum	98-1	500	558	525	528	5.55	cps
Neodymium	150-1	1980	1980	2147	2036	4.73	cps
Neodymium	150-2	497	457	590	514	13.30	cps
Nickel	60-2	7555	7632	7379	7522	1.73	cps
Phosphorus	31-2	58	50	58	56	8.67	cps
Potassium	39-2	8920	9929	10054	9634	6.45	cps
Rhodium	103-1	2780968	2750421	2771390	2767593	0.56	cps
Rhodium	103-2	1129264	1113120	1111492	1117958	0.88	cps
Scandium	45-1	2355421	2346404	2331669	2344498	0.51	cps
Scandium	45-2	33851	33924	33019	33598	1.50	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-83	-147	-142	-124	-28.68	cps
Silicon	28-1	328947	333896	331110	331318	0.75	cps
Silver	109-1	175	117	158	150	20.03	cps
Silver	107-1	158	192	208	186	13.68	cps
Sodium	23-2	23295	22719	23929	23314	2.60	cps
Strontium	86-1	16661	17662	17387	17237	3.00	cps
Strontium	88-1	138338	140653	138633	139208	0.91	cps
Sulfur	34-1	351001	356056	351907	352988	0.76	cps
Terbium	159-1	2756629	2761979	2745207	2754605	0.31	cps
Terbium	159-2	959197	945176	945294	949889	0.85	cps
Thallium	203-1	142	58	58	86	55.87	cps
Thallium	205-1	242	233	233	236	2.04	cps
Tin	118-1	725	558	717	667	14.09	cps
Titanium	47-1	20825	20942	20432	20733	1.29	cps
Uranium	238-1	833	825	617	758	16.19	cps
Vanadium	51-2	4024	3400	3661	3695	8.48	cps
Yttrium	89-1	3296610	3322821	3322534	3313988	0.45	cps
Yttrium	89-2	185174	182805	183664	183881	0.65	cps
Zinc	66-2	6318	5885	6008	6070	3.68	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8ALDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 15:44:48	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7402	7519	7511	7477	0.87	cps
Zirconium	91-1	1609	1608	1667	1628	2.07	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AMSE Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:48:15 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81343	81373	81406	81374	0.04	cps
Antimony	121-1	126983	129244	128624	128284	0.91	cps
Arsenic	75-2	10936	10830	10901	10889	0.49	cps
Barium	135-1	400435	404670	404118	403074	0.57	cps
Barium	137-1	691179	705135	702885	699733	1.07	cps
Beryllium	9-1	47856	49070	48933	48620	1.37	cps
Bismuth	209-1	1382484	1393503	1405201	1393729	0.82	cps
Bismuth	209-2	669889	665477	665752	667039	0.37	cps
Boron	10-1	7427	7744	7677	7616	2.19	cps
Boron	11-1	36514	39305	38052	37957	3.68	cps
Cadmium	111-1	85748	84545	85483	85258	0.74	cps
Cadmium	106-1	9862	9696	9729	9762	0.90	cps
Cadmium	108-1	6218	5956	6218	6131	2.47	cps
Calcium	43-1	322084	323696	324708	323496	0.41	cps
Calcium	44-1	5301288	5349632	5267589	5306170	0.78	cps
Chromium	52-2	110223	108546	111221	109997	1.23	cps
Cobalt	59-2	172376	172967	173216	172853	0.25	cps
Copper	63-2	356205	357502	354204	355970	0.47	cps
Dysprosium	156-1	6385	6510	7061	6652	5.40	cps
Dysprosium	156-2	2617	2544	2597	2586	1.47	cps
Erbium	164-1	5643	5551	5510	5568	1.23	cps
Erbium	164-2	2094	2060	1984	2046	2.76	cps
Gadolinium	160-1	6110	6193	6302	6202	1.55	cps
Gadolinium	160-2	3090	2947	3024	3020	2.38	cps
Holmium	165-1	2549046	2566913	2554614	2556858	0.36	cps
Holmium	165-2	950532	959723	948376	952877	0.63	cps
Indium	115-1	2618595	2644052	2640199	2634282	0.52	cps
Indium	115-2	212683	213091	211910	212561	0.28	cps
Iron	56-2	13175792	13171612	13187584	13178329	0.06	cps
Iron	57-2	328342	327736	330138	328738	0.38	cps
Krypton	83-1	490	450	563	501	11.47	cps
Lead	206-1	424050	431632	430940	428874	0.98	cps
Lead	207-1	358203	364522	363364	362030	0.93	cps
Lead	208-1	2011450	2036533	2040040	2029341	0.77	cps
Lithium	6-1	234740	238547	239850	237713	1.12	cps
Magnesium	24-2	585572	584614	584912	585033	0.08	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AMSC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:48:15 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103547	102969	103940	103485	0.47	cps
Molybdenum	94-1	706850	714136	704486	708491	0.71	cps
Molybdenum	95-1	835949	830313	840097	835453	0.59	cps
Molybdenum	96-1	923305	921076	931757	925379	0.61	cps
Molybdenum	97-1	514013	513648	511953	513205	0.21	cps
Molybdenum	98-1	1324382	1329164	1327412	1326986	0.18	cps
Neodymium	150-1	10998	11886	11626	11503	3.97	cps
Neodymium	150-2	2724	2804	2814	2780	1.77	cps
Nickel	60-2	83871	83428	84216	83838	0.47	cps
Phosphorus	31-2	317	192	225	244	26.48	cps
Potassium	39-2	130426	128969	129836	129744	0.56	cps
Rhodium	103-1	2717905	2699708	2703241	2706951	0.36	cps
Rhodium	103-2	1113582	1108553	1105319	1109152	0.38	cps
Scandium	45-1	2276642	2355092	2340088	2323941	1.79	cps
Scandium	45-2	33620	33684	34987	34097	2.26	cps
Selenium	77-2	130	117	133	127	6.96	cps
Selenium	78-2	256	283	280	273	5.53	cps
Selenium	82-1	6246	6181	6125	6184	0.98	cps
Silicon	28-1	1917399	2010344	1966006	1964583	2.37	cps
Silver	109-1	383152	384243	384759	384051	0.21	cps
Silver	107-1	406507	412218	408791	409172	0.70	cps
Sodium	23-2	766279	760785	763937	763667	0.36	cps
Strontium	86-1	185435	192277	191814	189842	2.01	cps
Strontium	88-1	1652648	1673320	1660356	1662108	0.63	cps
Sulfur	34-1	358108	353311	355585	355668	0.67	cps
Terbium	159-1	2721164	2767739	2773510	2754138	1.04	cps
Terbium	159-2	982061	974584	972783	976476	0.50	cps
Thallium	203-1	185763	186839	187082	186561	0.38	cps
Thallium	205-1	439611	442123	441501	441078	0.30	cps
Tin	118-1	179286	180798	181407	180497	0.61	cps
Titanium	47-1	466312	467033	464609	465985	0.27	cps
Uranium	238-1	522214	527143	531332	526896	0.87	cps
Vanadium	51-2	77077	76749	77084	76970	0.25	cps
Yttrium	89-1	3350674	3409310	3393439	3384474	0.90	cps
Yttrium	89-2	189496	189766	188224	189162	0.44	cps
Zinc	66-2	56093	54918	56070	55694	1.21	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:48:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650676	655097	659319	655031	0.66	cps
Zirconium	91-1	143617	146145	145470	145078	0.90	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02ADLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AADL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:51:42 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76832	76711	77247	76930	0.37	cps
Antimony	121-1	117145	118892	116253	117430	1.14	cps
Arsenic	75-2	9926	10317	10315	10186	2.21	cps
Barium	135-1	374230	374615	372274	373706	0.34	cps
Barium	137-1	649791	651295	650186	650424	0.12	cps
Beryllium	9-1	48492	48023	48398	48304	0.51	cps
Bismuth	209-1	1409980	1409338	1420236	1413185	0.43	cps
Bismuth	209-2	669342	664203	667751	667099	0.39	cps
Boron	10-1	6885	7319	6894	7033	3.53	cps
Boron	11-1	37467	37584	38461	37837	1.44	cps
Cadmium	111-1	82379	83497	82494	82790	0.74	cps
Cadmium	106-1	8970	9479	9454	9301	3.08	cps
Cadmium	108-1	6043	5972	5739	5918	2.69	cps
Calcium	43-1	462876	465308	467214	465133	0.47	cps
Calcium	44-1	7562086	7580428	7568809	7570441	0.12	cps
Chromium	52-2	106004	106622	105780	106135	0.41	cps
Cobalt	59-2	164870	165905	167210	165995	0.71	cps
Copper	63-2	331218	333854	330015	331695	0.59	cps
Dysprosium	156-1	6360	6427	6669	6485	2.50	cps
Dysprosium	156-2	2550	2310	2510	2457	5.23	cps
Erbium	164-1	5652	5702	5443	5599	2.45	cps
Erbium	164-2	1827	2030	2040	1966	6.13	cps
Gadolinium	160-1	6010	6268	6243	6174	2.31	cps
Gadolinium	160-2	2994	2924	3114	3010	3.19	cps
Holmium	165-1	2589022	2597428	2591240	2592563	0.17	cps
Holmium	165-2	950983	950239	943862	948361	0.41	cps
Indium	115-1	2676340	2666180	2656536	2666352	0.37	cps
Indium	115-2	211993	212665	212282	212313	0.16	cps
Iron	56-2	13609058	13553284	13342184	13501509	1.04	cps
Iron	57-2	336641	334481	335318	335480	0.32	cps
Krypton	83-1	543	600	533	559	6.43	cps
Lead	206-1	326801	331191	330667	329553	0.73	cps
Lead	207-1	278934	276840	280103	278626	0.59	cps
Lead	208-1	1562383	1568555	1570686	1567208	0.28	cps
Lithium	6-1	237380	240923	239530	239278	0.75	cps
Magnesium	24-2	791077	788945	797008	792343	0.53	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1052-02ADLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-0103-S-DH-8AADL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 15:51:42 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100830	100807	98592	100076	1.28	cps
Molybdenum	94-1	689251	693905	692433	691863	0.34	cps
Molybdenum	95-1	812830	814315	815626	814257	0.17	cps
Molybdenum	96-1	902148	904696	901664	902836	0.18	cps
Molybdenum	97-1	501494	504263	500410	502056	0.40	cps
Molybdenum	98-1	1280764	1303218	1301597	1295193	0.97	cps
Neodymium	150-1	10698	10925	10731	10785	1.14	cps
Neodymium	150-2	2540	2810	2824	2725	5.87	cps
Nickel	60-2	82295	83072	83247	82871	0.61	cps
Phosphorus	31-2	408	225	267	300	32.04	cps
Potassium	39-2	121200	119823	122219	121081	0.99	cps
Rhodium	103-1	2714653	2750494	2740729	2735292	0.68	cps
Rhodium	103-2	1115564	1110341	1104804	1110237	0.48	cps
Scandium	45-1	2352736	2323977	2393595	2356770	1.48	cps
Scandium	45-2	33988	33052	33490	33510	1.40	cps
Selenium	77-2	90	100	83	91	9.21	cps
Selenium	78-2	244	252	267	254	4.45	cps
Selenium	82-1	5826	5842	5948	5872	1.13	cps
Silicon	28-1	1174294	1206840	1170085	1183740	1.70	cps
Silver	109-1	371502	376948	377626	375359	0.89	cps
Silver	107-1	396108	405733	401663	401168	1.20	cps
Sodium	23-2	725113	723114	723989	724072	0.14	cps
Strontium	86-1	170047	171650	170780	170826	0.47	cps
Strontium	88-1	1481602	1511570	1480167	1491113	1.19	cps
Sulfur	34-1	350789	361283	361923	357998	1.75	cps
Terbium	159-1	2784619	2787133	2838464	2803405	1.08	cps
Terbium	159-2	971896	978418	969329	973214	0.48	cps
Thallium	203-1	183330	185244	184474	184349	0.52	cps
Thallium	205-1	430818	435753	436748	434440	0.73	cps
Tin	118-1	177254	175800	178889	177314	0.87	cps
Titanium	47-1	418361	422406	428537	423101	1.21	cps
Uranium	238-1	516631	520044	519597	518757	0.36	cps
Vanadium	51-2	72108	71994	72111	72071	0.09	cps
Yttrium	89-1	3385008	3414465	3409231	3402901	0.46	cps
Yttrium	89-2	188961	189406	188710	189026	0.19	cps
Zinc	66-2	53945	53389	53894	53743	0.57	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:51:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	628209	637523	631243	632325	0.75	cps
Zirconium	91-1	139055	142286	139853	140398	1.20	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76940	77194	78074	77403	0.77	cps
Antimony	121-1	123054	122602	122501	122719	0.24	cps
Arsenic	75-2	10219	10083	10056	10119	0.86	cps
Barium	135-1	388007	388951	384211	387056	0.65	cps
Barium	137-1	672537	672728	670220	671829	0.21	cps
Beryllium	9-1	47960	47706	47495	47720	0.49	cps
Bismuth	209-1	1414622	1407688	1421247	1414519	0.48	cps
Bismuth	209-2	663930	665976	665965	665290	0.18	cps
Boron	10-1	7027	7761	7594	7461	5.16	cps
Boron	11-1	36623	36422	38169	37071	2.58	cps
Cadmium	111-1	83357	82505	82046	82636	0.80	cps
Cadmium	106-1	9304	9504	9671	9493	1.94	cps
Cadmium	108-1	6039	6127	6147	6104	0.94	cps
Calcium	43-1	375802	374931	379702	376812	0.67	cps
Calcium	44-1	6200705	6192834	6172681	6188740	0.23	cps
Chromium	52-2	106035	104325	105725	105362	0.86	cps
Cobalt	59-2	165891	163740	166171	165267	0.80	cps
Copper	63-2	336233	335650	338713	336865	0.48	cps
Dysprosium	156-1	6035	6685	6569	6430	5.39	cps
Dysprosium	156-2	2477	2560	2444	2494	2.41	cps
Erbium	164-1	5601	5151	5660	5471	5.09	cps
Erbium	164-2	1990	1897	1920	1936	2.51	cps
Gadolinium	160-1	5927	6260	6185	6124	2.86	cps
Gadolinium	160-2	2837	2994	2967	2933	2.86	cps
Holmium	165-1	2559345	2611804	2587825	2586325	1.02	cps
Holmium	165-2	945631	954640	951963	950745	0.49	cps
Indium	115-1	2667598	2659342	2660201	2662380	0.17	cps
Indium	115-2	211458	212300	210226	211328	0.49	cps
Iron	56-2	12918149	12949161	12998618	12955309	0.31	cps
Iron	57-2	322650	324196	325374	324073	0.42	cps
Krypton	83-1	587	637	543	589	7.93	cps
Lead	206-1	380402	379628	378654	379561	0.23	cps
Lead	207-1	323480	324249	321421	323050	0.45	cps
Lead	208-1	1816642	1812065	1808420	1812376	0.23	cps
Lithium	6-1	239351	238431	240649	239477	0.47	cps
Magnesium	24-2	647967	655693	648626	650762	0.66	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSC	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	99039	98995	99323	99119	0.18	cps
Molybdenum	94-1	690120	685635	688607	688121	0.33	cps
Molybdenum	95-1	820150	812613	820860	817875	0.56	cps
Molybdenum	96-1	906421	895060	904834	902105	0.68	cps
Molybdenum	97-1	499520	491387	499434	496780	0.94	cps
Molybdenum	98-1	1292104	1281326	1290004	1287811	0.44	cps
Neodymium	150-1	11185	10945	10718	10949	2.13	cps
Neodymium	150-2	2604	2717	2730	2684	2.59	cps
Nickel	60-2	80524	80374	81346	80748	0.65	cps
Phosphorus	31-2	300	233	283	272	12.74	cps
Potassium	39-2	123135	123117	121762	122671	0.64	cps
Rhodium	103-1	2756382	2725481	2712058	2731307	0.83	cps
Rhodium	103-2	1114445	1107606	1099308	1107120	0.68	cps
Scandium	45-1	2324070	2340164	2364076	2342770	0.86	cps
Scandium	45-2	33012	33574	32999	33195	0.99	cps
Selenium	77-2	90	113	80	94	18.12	cps
Selenium	78-2	269	211	278	252	14.31	cps
Selenium	82-1	5748	5856	5957	5854	1.78	cps
Silicon	28-1	1649543	1647959	1664864	1654122	0.56	cps
Silver	109-1	374844	374289	373093	374075	0.24	cps
Silver	107-1	398027	403745	395282	399018	1.08	cps
Sodium	23-2	729053	726147	723880	726360	0.36	cps
Strontium	86-1	179590	178195	178115	178633	0.46	cps
Strontium	88-1	1568812	1563197	1581961	1571323	0.61	cps
Sulfur	34-1	355083	356424	358336	356614	0.46	cps
Terbium	159-1	2766369	2751937	2789560	2769289	0.69	cps
Terbium	159-2	969982	979368	970087	973146	0.55	cps
Thallium	203-1	183881	183728	186754	184788	0.92	cps
Thallium	205-1	437511	430113	438850	435491	1.08	cps
Tin	118-1	176433	176599	175563	176199	0.32	cps
Titanium	47-1	446159	439932	441886	442659	0.72	cps
Uranium	238-1	518688	519439	519757	519294	0.11	cps
Vanadium	51-2	71461	71387	73294	72047	1.50	cps
Yttrium	89-1	3432483	3366634	3389520	3396213	0.98	cps
Yttrium	89-2	187499	188295	187054	187616	0.34	cps
Zinc	66-2	52419	52419	53272	52703	0.93	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1052-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0103-S-DH-8AMSE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 15:55:08	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	635220	632554	637207	634993	0.37	cps
Zirconium	91-1	140225	140779	139937	140314	0.31	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCV22 Instrumnet Name : P8
 Client Sample ID : CCV22 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:01:08 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387807	384812	385552	386057	0.40	cps
Antimony	121-1	1973716	1949459	1953461	1958879	0.66	cps
Arsenic	75-2	52637	53144	53445	53076	0.77	cps
Barium	135-1	1844265	1882256	1876144	1867555	1.09	cps
Barium	137-1	3246506	3266878	3223077	3245487	0.68	cps
Beryllium	9-1	258981	262511	259835	260442	0.71	cps
Bismuth	209-1	1374754	1385334	1379985	1380024	0.38	cps
Bismuth	209-2	657808	655158	657684	656883	0.23	cps
Boron	10-1	36848	36923	37926	37233	1.62	cps
Boron	11-1	190721	193607	194074	192801	0.94	cps
Cadmium	111-1	433975	434575	434150	434233	0.07	cps
Cadmium	106-1	46164	46565	46055	46261	0.58	cps
Cadmium	108-1	31316	30927	31011	31085	0.66	cps
Calcium	43-1	3079778	3070561	3075480	3075273	0.15	cps
Calcium	44-1	49221278	49251246	49544413	49338979	0.36	cps
Chromium	52-2	414625	415409	418987	416340	0.56	cps
Cobalt	59-2	789867	790405	793919	791397	0.28	cps
Copper	63-2	1286023	1281252	1287698	1284991	0.26	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	2618992	2622711	2659207	2633637	0.84	cps
Holmium	165-2	970761	970817	974357	971979	0.21	cps
Indium	115-1	2601081	2602739	2634062	2612627	0.71	cps
Indium	115-2	212466	210660	209511	210879	0.71	cps
Iron	56-2	71011749	70533393	70991579	70845574	0.38	cps
Iron	57-2	1840470	1787861	1804987	1811106	1.48	cps
Krypton	83-1	503	533	617	551	10.66	cps
Lead	206-1	777727	777969	770016	775238	0.58	cps
Lead	207-1	701528	694670	693668	696622	0.61	cps
Lead	208-1	3908173	3893813	3845956	3882647	0.84	cps
Lithium	6-1	236926	238053	242319	239099	1.19	cps
Magnesium	24-2	8093313	8126860	8134282	8118151	0.27	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCV22 Instrumnet Name : P8
 Client Sample ID : CCV22 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:01:08 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	254996	254722	258249	255989	0.77	cps
Molybdenum	94-1	3839357	3909804	3892193	3880451	0.94	cps
Molybdenum	95-1	4771698	4809512	4728183	4769798	0.85	cps
Molybdenum	96-1	5293390	5295335	5298252	5295659	0.05	cps
Molybdenum	97-1	2912141	2936738	2924857	2924579	0.42	cps
Molybdenum	98-1	7551392	7568253	7476348	7531997	0.65	cps
Neodymium	150-1	87	93	80	87	7.70	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	231777	232079	230278	231378	0.42	cps
Phosphorus	31-2	6127	6377	6402	6302	2.41	cps
Potassium	39-2	2562711	2568096	2556938	2562582	0.22	cps
Rhodium	103-1	2677592	2701886	2685638	2688372	0.46	cps
Rhodium	103-2	1095797	1087340	1079049	1087395	0.77	cps
Scandium	45-1	2352407	2418842	2378388	2383212	1.40	cps
Scandium	45-2	35004	34887	35568	35153	1.04	cps
Selenium	77-2	430	383	417	410	5.86	cps
Selenium	78-2	1393	1320	1432	1382	4.08	cps
Selenium	82-1	34089	34010	33815	33971	0.42	cps
Silicon	28-1	1549727	1612333	1584611	1582224	1.98	cps
Silver	109-1	2105821	2111728	2110026	2109191	0.14	cps
Silver	107-1	2184736	2205158	2224778	2204891	0.91	cps
Sodium	23-2	18234558	18306224	18160730	18233837	0.40	cps
Strontium	86-1	600857	598096	601838	600264	0.32	cps
Strontium	88-1	5134208	5185413	5194215	5171279	0.63	cps
Sulfur	34-1	548367	541916	541307	543863	0.72	cps
Terbium	159-1	2831421	2800971	2854104	2828832	0.94	cps
Terbium	159-2	996906	995199	983435	991847	0.74	cps
Thallium	203-1	970290	974167	963858	969438	0.54	cps
Thallium	205-1	2400857	2408246	2370951	2393351	0.83	cps
Tin	118-1	1285134	1290186	1286986	1287435	0.20	cps
Titanium	47-1	1597260	1607484	1648756	1617834	1.69	cps
Uranium	238-1	2960541	2947211	2918912	2942221	0.72	cps
Vanadium	51-2	305214	306565	309050	306943	0.63	cps
Yttrium	89-1	3342857	3416582	3348171	3369204	1.22	cps
Yttrium	89-2	187842	188629	187808	188093	0.25	cps
Zinc	66-2	141415	141311	140644	141123	0.30	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:01:08	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3261086	3285696	3341244	3296008	1.25	cps
Zirconium	91-1	704441	710911	704585	706645	0.52	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:19:20 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	55	63	63	12.00	cps
Antimony	121-1	250	350	450	350	28.57	cps
Arsenic	75-2	6	0	9	5	94.35	cps
Barium	135-1	17	0	8	8	100.02	cps
Barium	137-1	50	33	33	39	24.74	cps
Beryllium	9-1	33	43	43	40	14.43	cps
Bismuth	209-1	1401393	1396773	1400791	1399652	0.18	cps
Bismuth	209-2	660118	650836	659298	656751	0.78	cps
Boron	10-1	208	125	183	172	24.83	cps
Boron	11-1	883	600	708	731	19.57	cps
Cadmium	111-1	472	409	406	429	8.61	cps
Cadmium	106-1	658	592	575	608	7.25	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Calcium	43-1	237	267	263	256	6.43	cps
Calcium	44-1	72895	73651	72281	72942	0.94	cps
Chromium	52-2	1980	2164	1990	2045	5.04	cps
Cobalt	59-2	107	120	120	116	6.66	cps
Copper	63-2	187	163	163	171	7.87	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	17	25	33	25	33.34	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	2543870	2546382	2523154	2537802	0.50	cps
Holmium	165-2	930033	920592	922607	924411	0.54	cps
Indium	115-1	2679241	2641414	2658931	2659862	0.71	cps
Indium	115-2	210763	208287	211215	210088	0.75	cps
Iron	56-2	4834	4456	4429	4573	4.96	cps
Iron	57-2	172	128	172	157	16.30	cps
Krypton	83-1	517	503	527	516	2.27	cps
Lead	206-1	178	211	183	191	9.36	cps
Lead	207-1	183	178	122	161	20.97	cps
Lead	208-1	961	1006	861	943	7.85	cps
Lithium	6-1	235922	238106	236182	236737	0.50	cps
Magnesium	24-2	475	358	383	406	15.15	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:19:20	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	100	80	88	12.21	cps
Molybdenum	94-1	200	100	233	178	39.03	cps
Molybdenum	95-1	100	125	125	117	12.38	cps
Molybdenum	96-1	92	158	158	136	28.28	cps
Molybdenum	97-1	192	183	258	211	19.47	cps
Molybdenum	98-1	133	242	242	206	30.43	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	97	83	93	9.45	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	5443	5835	5418	5565	4.20	cps
Rhodium	103-1	2777289	2766857	2771536	2771894	0.19	cps
Rhodium	103-2	1120925	1101117	1114176	1112073	0.91	cps
Scandium	45-1	2279116	2312967	2308804	2300296	0.80	cps
Scandium	45-2	32351	32608	33183	32714	1.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-90	-87	-51	-76	-28.15	cps
Silicon	28-1	236828	236735	234958	236174	0.45	cps
Silver	109-1	67	58	33	53	32.88	cps
Silver	107-1	100	58	83	81	26.03	cps
Sodium	23-2	17086	16569	17136	16930	1.86	cps
Strontium	86-1	683	642	833	720	14.01	cps
Strontium	88-1	67	83	67	72	13.33	cps
Sulfur	34-1	374736	371191	370871	372266	0.58	cps
Terbium	159-1	2724702	2753458	2768882	2749014	0.82	cps
Terbium	159-2	944942	938790	947786	943839	0.49	cps
Thallium	203-1	92	42	33	56	56.79	cps
Thallium	205-1	183	125	150	153	19.15	cps
Tin	118-1	233	142	192	189	24.30	cps
Titanium	47-1	100	67	158	108	42.83	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	23	20	33	26	27.15	cps
Yttrium	89-1	3313253	3261801	3307633	3294229	0.86	cps
Yttrium	89-2	179695	179276	180476	179816	0.34	cps
Zinc	66-2	130	97	57	94	38.87	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:19:20	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	242	258	242	6.90	cps
Zirconium	91-1	83	50	83	72	26.65	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:29:02 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	68	50	69	28.99	cps
Antimony	121-1	92	117	125	111	15.61	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	17	0	50	22	114.56	cps
Barium	137-1	25	75	42	47	53.91	cps
Beryllium	9-1	17	27	33	26	32.81	cps
Bismuth	209-1	1419299	1405556	1399757	1408204	0.71	cps
Bismuth	209-2	656155	653242	650113	653170	0.46	cps
Boron	10-1	158	100	25	94	70.77	cps
Boron	11-1	450	500	508	486	6.49	cps
Cadmium	111-1	590	487	491	523	11.17	cps
Cadmium	106-1	842	683	708	745	11.43	cps
Cadmium	108-1	17	0	13	10	89.22	cps
Calcium	43-1	220	293	310	274	17.45	cps
Calcium	44-1	68445	68399	68533	68459	0.10	cps
Chromium	52-2	2147	2244	2180	2190	2.24	cps
Cobalt	59-2	90	77	60	76	19.89	cps
Copper	63-2	160	140	120	140	14.29	cps
Dysprosium	156-1	33	42	0	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	2577625	2540238	2538694	2552186	0.86	cps
Holmium	165-2	924586	922853	915629	921022	0.52	cps
Indium	115-1	2646643	2683119	2653799	2661187	0.73	cps
Indium	115-2	212331	210355	209584	210757	0.67	cps
Iron	56-2	4484	4634	4679	4599	2.22	cps
Iron	57-2	122	122	178	141	22.79	cps
Krypton	83-1	587	563	477	542	10.69	cps
Lead	206-1	189	183	106	159	29.26	cps
Lead	207-1	139	139	133	137	2.34	cps
Lead	208-1	878	806	750	811	7.90	cps
Lithium	6-1	236945	236699	236404	236683	0.11	cps
Magnesium	24-2	283	425	442	383	22.70	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116293BL Instrumnet Name : P8
 Client Sample ID : PB116293BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:29:02 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	80	110	108	24.81	cps
Molybdenum	94-1	150	150	108	136	17.67	cps
Molybdenum	95-1	33	42	67	47	36.74	cps
Molybdenum	96-1	183	75	83	114	52.93	cps
Molybdenum	97-1	150	200	175	175	14.28	cps
Molybdenum	98-1	75	58	50	61	20.83	cps
Neodymium	150-1	33	7	7	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	113	117	117	2.85	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	5693	5435	5293	5474	3.71	cps
Rhodium	103-1	2790379	2796924	2779134	2788812	0.32	cps
Rhodium	103-2	1129792	1111813	1107959	1116521	1.04	cps
Scandium	45-1	2302970	2327059	2305933	2311987	0.57	cps
Scandium	45-2	33397	32782	33156	33111	0.94	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-156	-115	-72	-114	-36.81	cps
Silicon	28-1	239439	237599	239328	238789	0.43	cps
Silver	109-1	25	33	42	33	25.01	cps
Silver	107-1	50	42	58	50	16.67	cps
Sodium	23-2	16085	15184	15384	15551	3.04	cps
Strontium	86-1	533	683	650	622	12.66	cps
Strontium	88-1	17	92	67	58	65.46	cps
Sulfur	34-1	377850	377329	377385	377521	0.08	cps
Terbium	159-1	2788244	2782495	2736901	2769213	1.02	cps
Terbium	159-2	956847	950606	932108	946520	1.36	cps
Thallium	203-1	8	25	67	33	90.15	cps
Thallium	205-1	125	92	100	106	16.44	cps
Tin	118-1	150	175	183	169	10.24	cps
Titanium	47-1	167	133	133	144	13.33	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	3307880	3282144	3285241	3291755	0.43	cps
Yttrium	89-2	183074	181016	179857	181316	0.90	cps
Zinc	66-2	27	50	93	57	59.70	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BL	Instrumnet Name :	P8
Client Sample ID :	PB116293BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:29:02	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	208	225	275	236	14.69	cps
Zirconium	91-1	75	33	58	56	37.75	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:32:30	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71828	72514	72800	72381	0.69	cps
Antimony	121-1	1939797	1974989	1948443	1954410	0.94	cps
Arsenic	75-2	52283	52044	51769	52032	0.50	cps
Barium	135-1	1839627	1860370	1875834	1858610	0.98	cps
Barium	137-1	3219022	3208428	3233120	3220190	0.38	cps
Beryllium	9-1	254688	256236	264142	258355	1.96	cps
Bismuth	209-1	1445539	1438208	1448390	1444046	0.36	cps
Bismuth	209-2	678705	682180	695046	685310	1.26	cps
Boron	10-1	35571	35487	36347	35802	1.32	cps
Boron	11-1	182507	187581	193060	187716	2.81	cps
Cadmium	111-1	440785	442860	438896	440847	0.45	cps
Cadmium	106-1	45562	47041	47527	46710	2.19	cps
Cadmium	108-1	32105	32281	32351	32246	0.39	cps
Calcium	43-1	612447	616827	613767	614347	0.37	cps
Calcium	44-1	9895857	10077825	9921107	9964929	0.99	cps
Chromium	52-2	401530	404920	405859	404103	0.56	cps
Cobalt	59-2	775631	779079	782013	778907	0.41	cps
Copper	63-2	1303362	1310431	1304597	1306130	0.29	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	10	3	20	11	75.52	cps
Holmium	165-1	2605812	2651877	2670157	2642615	1.25	cps
Holmium	165-2	977361	977239	989355	981318	0.71	cps
Indium	115-1	2699093	2705127	2690955	2698392	0.26	cps
Indium	115-2	209622	213342	213799	212254	1.08	cps
Iron	56-2	14092615	14145702	14200525	14146281	0.38	cps
Iron	57-2	349665	350569	349514	349916	0.16	cps
Krypton	83-1	593	587	517	566	7.51	cps
Lead	206-1	789537	804425	793023	795662	0.98	cps
Lead	207-1	710212	714324	715075	713204	0.37	cps
Lead	208-1	3987471	4012808	4014472	4004917	0.38	cps
Lithium	6-1	249372	250018	251230	250207	0.38	cps
Magnesium	24-2	1732533	1738868	1732972	1734791	0.20	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : PB116293BS Instrumnet Name : P8
 Client Sample ID : PB116293BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:32:30 DataFile Name : 042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	248396	251445	250267	250036	0.61	cps
Molybdenum	94-1	3768636	3765876	3795132	3776548	0.43	cps
Molybdenum	95-1	4676129	4688956	4728501	4697862	0.58	cps
Molybdenum	96-1	5142779	5104954	5159411	5135715	0.54	cps
Molybdenum	97-1	2813750	2858661	2854681	2842364	0.87	cps
Molybdenum	98-1	7283367	7367932	7287418	7312906	0.65	cps
Neodymium	150-1	60	33	60	51	30.13	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	227719	230933	229791	229481	0.71	cps
Phosphorus	31-2	5902	5985	5593	5826	3.54	cps
Potassium	39-2	496508	492249	493188	493981	0.45	cps
Rhodium	103-1	2721167	2760864	2772891	2751640	0.98	cps
Rhodium	103-2	1104585	1116465	1117837	1112962	0.65	cps
Scandium	45-1	2324459	2351757	2353564	2343260	0.70	cps
Scandium	45-2	33761	33537	34332	33876	1.21	cps
Selenium	77-2	447	427	393	422	6.38	cps
Selenium	78-2	1341	1396	1306	1348	3.40	cps
Selenium	82-1	33727	33765	33809	33767	0.12	cps
Silicon	28-1	1490021	1533415	1532686	1518707	1.64	cps
Silver	109-1	2130948	2135009	2147850	2137936	0.41	cps
Silver	107-1	2261076	2266288	2262000	2263122	0.12	cps
Sodium	23-2	3723161	3773114	3753072	3749782	0.67	cps
Strontium	86-1	588155	590599	593023	590592	0.41	cps
Strontium	88-1	5100858	5155952	5154264	5137025	0.61	cps
Sulfur	34-1	549979	553276	544633	549296	0.79	cps
Terbium	159-1	2887930	2868482	2891662	2882691	0.43	cps
Terbium	159-2	993905	1005239	1003191	1000778	0.60	cps
Thallium	203-1	971186	997889	993061	987379	1.44	cps
Thallium	205-1	2413956	2465788	2447366	2442370	1.08	cps
Tin	118-1	1283700	1291258	1293121	1289360	0.39	cps
Titanium	47-1	1572038	1583733	1574115	1576629	0.40	cps
Uranium	238-1	2903897	2926487	2974151	2934845	1.22	cps
Vanadium	51-2	294744	298447	299722	297638	0.87	cps
Yttrium	89-1	3342293	3379141	3340908	3354114	0.65	cps
Yttrium	89-2	184467	183022	188475	185321	1.52	cps
Zinc	66-2	139580	139958	141150	140229	0.58	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	PB116293BS	Instrumnet Name :	P8
Client Sample ID :	PB116293BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:32:30	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3172122	3165542	3219126	3185596	0.92	cps
Zirconium	91-1	683538	686266	687407	685737	0.29	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188	160	160	169	9.39	cps
Antimony	121-1	5668	5226	4801	5232	8.29	cps
Arsenic	75-2	80	70	70	73	7.28	cps
Barium	135-1	118013	118973	121149	119378	1.35	cps
Barium	137-1	206022	206302	211357	207894	1.44	cps
Beryllium	9-1	33	40	50	41	20.41	cps
Bismuth	209-1	1408846	1433326	1456013	1432729	1.65	cps
Bismuth	209-2	602805	602130	611460	605465	0.86	cps
Boron	10-1	3459	3292	3142	3298	4.81	cps
Boron	11-1	16176	15492	15492	15720	2.51	cps
Cadmium	111-1	737	935	999	890	15.33	cps
Cadmium	106-1	617	642	708	656	7.23	cps
Cadmium	108-1	46	38	38	40	11.94	cps
Calcium	43-1	942213	934373	926288	934291	0.85	cps
Calcium	44-1	15328120	15248323	15097255	15224566	0.77	cps
Chromium	52-2	1587473	1542382	1573108	1567654	1.47	cps
Cobalt	59-2	653	657	627	646	2.55	cps
Copper	63-2	9320	9367	9043	9243	1.89	cps
Dysprosium	156-1	67	50	33	50	33.34	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	33	75	17	42	72.11	cps
Gadolinium	160-2	33	13	13	20	57.74	cps
Holmium	165-1	2470587	2561846	2587434	2539956	2.42	cps
Holmium	165-2	838336	831486	838271	836031	0.47	cps
Indium	115-1	2792769	2826582	2832136	2817162	0.76	cps
Indium	115-2	191540	187368	189218	189375	1.10	cps
Iron	56-2	17595	16555	16650	16933	3.40	cps
Iron	57-2	517	394	439	450	13.75	cps
Krypton	83-1	530	603	577	570	6.51	cps
Lead	206-1	2689	2245	1972	2302	15.72	cps
Lead	207-1	2700	2006	1689	2132	24.27	cps
Lead	208-1	14097	11441	9996	11845	17.56	cps
Lithium	6-1	277967	314803	356145	316305	12.36	cps
Magnesium	24-2	447373	437844	441771	442330	1.08	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	86090	83639	85862	85197	1.59	cps
Molybdenum	94-1	958	1058	842	953	11.38	cps
Molybdenum	95-1	1342	1417	1358	1372	2.87	cps
Molybdenum	96-1	1550	1333	1492	1458	7.69	cps
Molybdenum	97-1	1167	1275	1150	1197	5.67	cps
Molybdenum	98-1	2242	2109	2084	2145	3.97	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	843	753	780	792	5.83	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	28597	27461	28588	28215	2.32	cps
Rhodium	103-1	2496792	2493165	2549736	2513231	1.26	cps
Rhodium	103-2	960042	953879	960856	958259	0.40	cps
Scandium	45-1	1914478	1898975	1902656	1905370	0.43	cps
Scandium	45-2	25924	25230	25012	25389	1.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	11	6	9	34.60	cps
Selenium	82-1	35	-84	-105	-51	-148.18	cps
Silicon	28-1	11706400	11493564	11492748	11564237	1.06	cps
Silver	109-1	9270	6827	5526	7208	26.37	cps
Silver	107-1	10046	7277	5910	7744	27.21	cps
Sodium	23-2	4460511	4385608	4384217	4410112	0.99	cps
Strontium	86-1	156815	158579	162542	159312	1.84	cps
Strontium	88-1	1334032	1354425	1378782	1355746	1.65	cps
Sulfur	34-1	382690	370933	370575	374733	1.84	cps
Terbium	159-1	2654516	2757384	2804218	2738706	2.80	cps
Terbium	159-2	852619	847392	858402	852804	0.65	cps
Thallium	203-1	1050	758	492	767	36.43	cps
Thallium	205-1	2767	1483	1400	1884	40.68	cps
Tin	118-1	5460	5460	5468	5462	0.09	cps
Titanium	47-1	733	692	900	775	14.23	cps
Uranium	238-1	1850	1950	2025	1942	4.52	cps
Vanadium	51-2	540	600	630	590	7.77	cps
Yttrium	89-1	3004392	3001998	3069499	3025296	1.27	cps
Yttrium	89-2	147948	147865	148686	148166	0.31	cps
Zinc	66-2	2554	2434	2457	2481	2.56	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:35:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	608	500	589	13.74	cps
Zirconium	91-1	50	67	75	64	19.92	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	75	53	66	17.95	cps
Antimony	121-1	208	258	300	256	17.96	cps
Arsenic	75-2	20	15	6	14	55.09	cps
Barium	135-1	458	542	408	469	14.35	cps
Barium	137-1	817	833	758	803	4.91	cps
Beryllium	9-1	43	43	43	43	0.00	cps
Bismuth	209-1	1720490	1649156	1653733	1674459	2.38	cps
Bismuth	209-2	694744	692065	697153	694654	0.37	cps
Boron	10-1	308	183	200	231	29.44	cps
Boron	11-1	1200	1075	1233	1170	7.14	cps
Cadmium	111-1	493	651	673	606	16.16	cps
Cadmium	106-1	700	892	917	836	14.18	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	1994	1723	2020	1912	8.58	cps
Calcium	44-1	83737	83077	84170	83661	0.66	cps
Chromium	52-2	3604	3374	3427	3468	3.47	cps
Cobalt	59-2	110	113	110	111	1.74	cps
Copper	63-2	3360	3334	3107	3267	4.26	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	50	8	25	88.19	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	42	8	25	66.68	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	2975104	2816845	2876003	2889317	2.77	cps
Holmium	165-2	956310	954057	966795	959054	0.71	cps
Indium	115-1	2989069	2901146	2930928	2940381	1.52	cps
Indium	115-2	210987	209454	212321	210921	0.68	cps
Iron	56-2	9009	9114	8681	8935	2.53	cps
Iron	57-2	250	189	239	226	14.41	cps
Krypton	83-1	527	583	567	559	5.21	cps
Lead	206-1	917	717	833	822	12.22	cps
Lead	207-1	778	806	678	754	8.92	cps
Lead	208-1	4117	3906	3811	3945	3.97	cps
Lithium	6-1	248390	241580	240462	243477	1.76	cps
Magnesium	24-2	442	550	550	514	12.17	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	190	197	196	2.60	cps
Molybdenum	94-1	267	208	317	264	20.54	cps
Molybdenum	95-1	175	267	258	233	21.72	cps
Molybdenum	96-1	300	233	308	281	14.65	cps
Molybdenum	97-1	408	442	417	422	4.11	cps
Molybdenum	98-1	425	300	550	425	29.42	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	280	327	290	299	8.22	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	5101	5318	5376	5265	2.75	cps
Rhodium	103-1	3055347	2964613	3042976	3020979	1.63	cps
Rhodium	103-2	1149564	1145489	1150076	1148376	0.22	cps
Scandium	45-1	2280560	2215240	2262482	2252761	1.50	cps
Scandium	45-2	31656	31074	31118	31283	1.04	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	-135	-180	-159	-158	-14.04	cps
Silicon	28-1	207547	179893	181970	189803	8.11	cps
Silver	109-1	100	233	200	178	39.03	cps
Silver	107-1	183	175	250	203	20.27	cps
Sodium	23-2	208625	207241	204616	206827	0.98	cps
Strontium	86-1	900	933	808	881	7.35	cps
Strontium	88-1	2017	1942	2050	2003	2.77	cps
Sulfur	34-1	303375	309820	312265	308487	1.49	cps
Terbium	159-1	3220425	3111700	3152256	3161461	1.74	cps
Terbium	159-2	974945	974604	991027	980192	0.96	cps
Thallium	203-1	42	108	92	81	43.07	cps
Thallium	205-1	117	292	133	181	53.49	cps
Tin	118-1	233	425	208	289	41.03	cps
Titanium	47-1	142	100	100	114	21.12	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	37	10	30	26	54.31	cps
Yttrium	89-1	3537811	3480363	3498767	3505647	0.84	cps
Yttrium	89-2	178128	177440	178128	177899	0.22	cps
Zinc	66-2	71259	70686	70535	70826	0.54	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-03	Instrumnet Name :	P8
Client Sample ID :	EB-01082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:39:18	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	317	250	278	12.49	cps
Zirconium	91-1	33	75	8	39	86.61	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:42:46 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1145	1160	1240	1182	4.32	cps
Antimony	121-1	3567	3834	4051	3817	6.34	cps
Arsenic	75-2	106	115	119	113	5.91	cps
Barium	135-1	164720	167370	166340	166144	0.80	cps
Barium	137-1	286495	287857	288937	287763	0.43	cps
Beryllium	9-1	63	33	40	46	34.58	cps
Bismuth	209-1	1444658	1469071	1472272	1462000	1.03	cps
Bismuth	209-2	600372	609295	599102	602923	0.92	cps
Boron	10-1	2217	2259	2509	2328	6.78	cps
Boron	11-1	12106	12331	12956	12464	3.54	cps
Cadmium	111-1	589	616	597	601	2.31	cps
Cadmium	106-1	733	658	675	689	5.72	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	913227	917143	920465	916945	0.40	cps
Calcium	44-1	14919144	14969911	14912329	14933794	0.21	cps
Chromium	52-2	439239	437581	442020	439613	0.51	cps
Cobalt	59-2	680	747	737	721	4.99	cps
Copper	63-2	8740	8660	8800	8733	0.80	cps
Dysprosium	156-1	333	417	400	383	11.50	cps
Dysprosium	156-2	143	133	150	142	5.90	cps
Erbium	164-1	667	608	525	600	11.87	cps
Erbium	164-2	167	167	197	177	9.80	cps
Gadolinium	160-1	508	408	392	436	14.47	cps
Gadolinium	160-2	180	193	193	189	4.07	cps
Holmium	165-1	2617981	2642209	2707925	2656038	1.75	cps
Holmium	165-2	840346	846338	844152	843612	0.36	cps
Indium	115-1	2755450	2746341	2716618	2739470	0.74	cps
Indium	115-2	183052	181779	183004	182612	0.40	cps
Iron	56-2	197024	197594	195916	196845	0.43	cps
Iron	57-2	4773	5040	4751	4855	3.31	cps
Krypton	83-1	580	500	630	570	11.50	cps
Lead	206-1	2084	1978	2211	2091	5.59	cps
Lead	207-1	1839	1761	1900	1834	3.80	cps
Lead	208-1	10218	10052	10629	10300	2.89	cps
Lithium	6-1	402516	440172	459204	433964	6.65	cps
Magnesium	24-2	558000	564903	560835	561246	0.62	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:42:46 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3094	3107	3230	3144	2.40	cps
Molybdenum	94-1	3009	4236	3317	3521	18.14	cps
Molybdenum	95-1	3584	3751	4059	3798	6.35	cps
Molybdenum	96-1	4151	4059	4293	4168	2.82	cps
Molybdenum	97-1	2434	2517	2742	2564	6.22	cps
Molybdenum	98-1	6569	6185	6143	6299	3.72	cps
Neodymium	150-1	507	340	480	442	20.24	cps
Neodymium	150-2	93	120	113	109	12.74	cps
Nickel	60-2	4461	4481	4394	4445	1.02	cps
Phosphorus	31-2	17	17	25	19	24.73	cps
Potassium	39-2	36172	35328	35746	35749	1.18	cps
Rhodium	103-1	2497751	2518553	2539595	2518633	0.83	cps
Rhodium	103-2	951685	966045	959050	958927	0.75	cps
Scandium	45-1	1827664	1804110	1820842	1817539	0.67	cps
Scandium	45-2	24682	24832	24739	24751	0.31	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	4	9	9	7	43.34	cps
Selenium	82-1	-15	53	-110	-24	-343.15	cps
Silicon	28-1	12457395	12864489	12757093	12692992	1.66	cps
Silver	109-1	4601	5093	4676	4790	5.53	cps
Silver	107-1	5293	5393	5668	5451	3.56	cps
Sodium	23-2	3819277	3859361	3824753	3834464	0.57	cps
Strontium	86-1	200588	202077	204237	202301	0.91	cps
Strontium	88-1	1778481	1783077	1810043	1790534	0.95	cps
Sulfur	34-1	385541	378323	378084	380649	1.11	cps
Terbium	159-1	2784048	2804315	2839305	2809223	1.00	cps
Terbium	159-2	850708	867321	863875	860635	1.02	cps
Thallium	203-1	233	108	133	158	41.78	cps
Thallium	205-1	558	417	392	456	19.73	cps
Tin	118-1	4459	5193	4626	4759	8.08	cps
Titanium	47-1	7119	7336	6985	7147	2.47	cps
Uranium	238-1	3067	3292	2859	3073	7.06	cps
Vanadium	51-2	1107	1033	943	1028	7.96	cps
Yttrium	89-1	2951100	3048354	3076969	3025474	2.18	cps
Yttrium	89-2	145607	145197	145600	145468	0.16	cps
Zinc	66-2	2454	2377	2397	2409	1.65	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:42:46	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3067	3109	3359	3178	4.97	cps
Zirconium	91-1	750	658	642	683	8.54	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-07 Instrumnet Name : P8
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:46:13 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235	218	285	246	14.25	cps
Antimony	121-1	5326	5743	5693	5588	4.07	cps
Arsenic	75-2	102	107	111	107	4.36	cps
Barium	135-1	1025943	1044764	1044080	1038262	1.03	cps
Barium	137-1	1871927	1888207	1882477	1880870	0.44	cps
Beryllium	9-1	57	67	107	77	34.51	cps
Bismuth	209-1	1455496	1472247	1475739	1467827	0.74	cps
Bismuth	209-2	608078	592644	602898	601207	1.31	cps
Boron	10-1	7744	7994	8161	7966	2.63	cps
Boron	11-1	41503	41328	42197	41676	1.10	cps
Cadmium	111-1	746	826	860	811	7.23	cps
Cadmium	106-1	775	833	858	822	5.20	cps
Cadmium	108-1	96	129	129	118	16.30	cps
Calcium	43-1	2521718	2528556	2560245	2536840	0.81	cps
Calcium	44-1	40594011	40926359	40936612	40818994	0.48	cps
Chromium	52-2	584979	582186	588493	585219	0.54	cps
Cobalt	59-2	51534	52104	51023	51554	1.05	cps
Copper	63-2	23237	24428	24615	24093	3.10	cps
Dysprosium	156-1	467	425	467	453	5.31	cps
Dysprosium	156-2	107	87	120	104	16.06	cps
Erbium	164-1	325	475	275	358	29.05	cps
Erbium	164-2	123	97	110	110	12.12	cps
Gadolinium	160-1	350	217	350	306	25.19	cps
Gadolinium	160-2	100	130	157	129	22.00	cps
Holmium	165-1	2683783	2790257	2696539	2723526	2.13	cps
Holmium	165-2	844053	844137	846890	845027	0.19	cps
Indium	115-1	2628366	2661169	2656511	2648682	0.67	cps
Indium	115-2	173934	175958	173149	174347	0.83	cps
Iron	56-2	15545984	15530699	15458325	15511669	0.30	cps
Iron	57-2	380842	388700	386223	385255	1.04	cps
Krypton	83-1	653	690	620	654	5.35	cps
Lead	206-1	8181	8170	8403	8251	1.60	cps
Lead	207-1	7180	7130	7236	7182	0.74	cps
Lead	208-1	39102	39186	40098	39462	1.40	cps
Lithium	6-1	412215	424828	437165	424736	2.94	cps
Magnesium	24-2	1343543	1292340	1313313	1316399	1.96	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:46:13	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4760301	4815917	4769394	4781871	0.62	cps
Molybdenum	94-1	35573	35297	36918	35929	2.41	cps
Molybdenum	95-1	1142	1183	1350	1225	9.00	cps
Molybdenum	96-1	6602	7344	6877	6941	5.40	cps
Molybdenum	97-1	958	1208	942	1036	14.42	cps
Molybdenum	98-1	1458	1509	1475	1481	1.72	cps
Neodymium	150-1	380	480	393	418	13.00	cps
Neodymium	150-2	73	97	53	74	29.14	cps
Nickel	60-2	37244	37919	38457	37873	1.60	cps
Phosphorus	31-2	33	58	33	42	34.65	cps
Potassium	39-2	43288	41036	41930	42085	2.69	cps
Rhodium	103-1	2466381	2503212	2485151	2484914	0.74	cps
Rhodium	103-2	939132	932527	941462	937707	0.49	cps
Scandium	45-1	1789860	1840131	1794519	1808170	1.54	cps
Scandium	45-2	24847	24542	24742	24710	0.63	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-132	-181	-92	-135	-33.27	cps
Silicon	28-1	28615326	29073152	29647381	29111953	1.78	cps
Silver	109-1	5268	5501	6210	5660	8.67	cps
Silver	107-1	5501	5977	6552	6010	8.75	cps
Sodium	23-2	10492075	10144628	10334336	10323680	1.69	cps
Strontium	86-1	434681	436733	439079	436831	0.50	cps
Strontium	88-1	3811795	3849174	3817120	3826030	0.53	cps
Sulfur	34-1	253639	249459	248407	250502	1.10	cps
Terbium	159-1	2817151	2926911	2895167	2879743	1.96	cps
Terbium	159-2	862496	860081	863352	861976	0.20	cps
Thallium	203-1	525	433	342	433	21.15	cps
Thallium	205-1	1267	892	833	997	23.58	cps
Tin	118-1	5593	5993	6085	5890	4.44	cps
Titanium	47-1	875	975	1083	978	10.66	cps
Uranium	238-1	292	375	483	383	25.07	cps
Vanadium	51-2	437	480	497	471	6.58	cps
Yttrium	89-1	3003620	3082075	3095126	3060274	1.62	cps
Yttrium	89-2	146637	146937	145990	146522	0.33	cps
Zinc	66-2	2924	2987	2970	2960	1.11	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:46:13	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	95198	97851	95953	96334	1.42	cps
Zirconium	91-1	21593	21952	21676	21740	0.86	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-09 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:49:37 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	898	855	873	875	2.44	cps
Antimony	121-1	4609	4868	5101	4859	5.06	cps
Arsenic	75-2	102	107	104	104	2.71	cps
Barium	135-1	144372	148002	146065	146146	1.24	cps
Barium	137-1	253885	252963	257811	254886	1.01	cps
Beryllium	9-1	253	183	180	206	20.15	cps
Bismuth	209-1	1462298	1472502	1499814	1478205	1.31	cps
Bismuth	209-2	595603	596931	594041	595525	0.24	cps
Boron	10-1	18204	19481	20031	19239	4.87	cps
Boron	11-1	100242	99503	103540	101095	2.13	cps
Cadmium	111-1	1264	1175	1272	1237	4.35	cps
Cadmium	106-1	942	808	925	892	8.15	cps
Cadmium	108-1	142	142	192	158	18.23	cps
Calcium	43-1	1148712	1155883	1159036	1154544	0.46	cps
Calcium	44-1	18719736	18534851	19074206	18776264	1.46	cps
Chromium	52-2	321682	322569	320775	321675	0.28	cps
Cobalt	59-2	8536	8616	8850	8667	1.88	cps
Copper	63-2	35726	35465	35786	35659	0.48	cps
Dysprosium	156-1	250	250	283	261	7.37	cps
Dysprosium	156-2	103	103	113	107	5.41	cps
Erbium	164-1	267	308	392	322	19.75	cps
Erbium	164-2	110	70	107	96	23.23	cps
Gadolinium	160-1	325	325	358	336	5.72	cps
Gadolinium	160-2	140	127	107	124	13.48	cps
Holmium	165-1	2671625	2708990	2717288	2699301	0.90	cps
Holmium	165-2	833923	840319	847114	840452	0.78	cps
Indium	115-1	2600705	2607040	2595382	2601042	0.22	cps
Indium	115-2	169810	168784	172113	170236	1.00	cps
Iron	56-2	9987276	10069992	10092105	10049791	0.55	cps
Iron	57-2	252170	250841	251257	251423	0.27	cps
Krypton	83-1	727	653	733	704	6.30	cps
Lead	206-1	3584	3778	3673	3678	2.65	cps
Lead	207-1	3412	3351	3145	3302	4.23	cps
Lead	208-1	17849	18427	17938	18071	1.72	cps
Lithium	6-1	381501	396078	398420	391999	2.34	cps
Magnesium	24-2	656020	661752	664312	660695	0.64	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:49:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6087402	6078223	6093677	6086434	0.13	cps
Molybdenum	94-1	51039	53523	52485	52349	2.38	cps
Molybdenum	95-1	2917	2859	3142	2973	5.03	cps
Molybdenum	96-1	11697	11280	11572	11516	1.86	cps
Molybdenum	97-1	1942	2084	1834	1953	6.42	cps
Molybdenum	98-1	4159	4526	4276	4320	4.34	cps
Neodymium	150-1	227	220	373	273	31.71	cps
Neodymium	150-2	73	63	73	70	8.24	cps
Nickel	60-2	23116	22966	23316	23133	0.76	cps
Phosphorus	31-2	8	33	75	39	86.61	cps
Potassium	39-2	54155	55243	52925	54108	2.14	cps
Rhodium	103-1	2479325	2490695	2528881	2499634	1.04	cps
Rhodium	103-2	937943	931864	934270	934692	0.33	cps
Scandium	45-1	1741266	1750636	1791175	1761026	1.51	cps
Scandium	45-2	23657	24021	23921	23866	0.79	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-195	-146	-212	-184	-18.66	cps
Silicon	28-1	17362314	17182325	17610364	17385001	1.24	cps
Silver	109-1	2784	2884	2750	2806	2.47	cps
Silver	107-1	3126	3342	3342	3270	3.83	cps
Sodium	23-2	12586009	12405370	12496737	12496039	0.72	cps
Strontium	86-1	356529	364430	360291	360416	1.10	cps
Strontium	88-1	3171850	3204014	3222734	3199533	0.80	cps
Sulfur	34-1	300375	296980	295024	297460	0.91	cps
Terbium	159-1	2852044	2890928	2910214	2884395	1.03	cps
Terbium	159-2	859727	859762	860904	860131	0.08	cps
Thallium	203-1	133	158	142	144	8.81	cps
Thallium	205-1	308	300	333	314	5.53	cps
Tin	118-1	6177	6460	6377	6338	2.30	cps
Titanium	47-1	992	1142	1117	1083	7.42	cps
Uranium	238-1	1984	1892	1900	1925	2.63	cps
Vanadium	51-2	240	213	270	241	11.76	cps
Yttrium	89-1	2953010	3012734	3021767	2995837	1.25	cps
Yttrium	89-2	142575	141926	142154	142218	0.23	cps
Zinc	66-2	4728	4618	4658	4668	1.19	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:49:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	140503	142573	144798	142624	1.51	cps
Zirconium	91-1	31721	32932	32030	32228	1.95	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:53:02 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	190	243	205	15.95	cps
Antimony	121-1	5126	5443	5760	5443	5.82	cps
Arsenic	75-2	57	59	69	62	9.64	cps
Barium	135-1	122252	121907	124851	123003	1.31	cps
Barium	137-1	217809	216402	218317	217509	0.46	cps
Beryllium	9-1	30	23	23	26	15.07	cps
Bismuth	209-1	1483706	1500216	1507841	1497255	0.82	cps
Bismuth	209-2	597193	592927	597544	595888	0.43	cps
Boron	10-1	2584	2592	2634	2603	1.03	cps
Boron	11-1	13140	13524	13448	13371	1.52	cps
Cadmium	111-1	781	693	736	737	5.97	cps
Cadmium	106-1	808	642	742	731	11.48	cps
Cadmium	108-1	8	21	42	24	71.34	cps
Calcium	43-1	844452	847635	844871	845652	0.20	cps
Calcium	44-1	13676590	13948849	13944801	13856747	1.13	cps
Chromium	52-2	1488313	1500727	1506866	1498635	0.63	cps
Cobalt	59-2	567	593	553	571	3.57	cps
Copper	63-2	6282	6415	6638	6445	2.80	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	75	67	100	81	21.53	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	23	30	17	23	28.56	cps
Holmium	165-1	2664861	2726020	2733545	2708142	1.39	cps
Holmium	165-2	833120	825534	833267	830640	0.53	cps
Indium	115-1	2603119	2596904	2626503	2608842	0.60	cps
Indium	115-2	168401	167055	167728	167728	0.40	cps
Iron	56-2	18746	19497	19192	19145	1.97	cps
Iron	57-2	511	389	506	469	14.73	cps
Krypton	83-1	730	670	557	652	13.50	cps
Lead	206-1	1461	1367	1500	1443	4.75	cps
Lead	207-1	1183	1045	1278	1169	10.05	cps
Lead	208-1	6706	6378	6912	6666	4.04	cps
Lithium	6-1	371334	387450	393592	384125	2.99	cps
Magnesium	24-2	407048	412977	412656	410894	0.81	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:53:02	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	76270	77511	78328	77370	1.34	cps
Molybdenum	94-1	717	700	750	722	3.53	cps
Molybdenum	95-1	842	1008	958	936	9.14	cps
Molybdenum	96-1	1033	958	975	989	3.98	cps
Molybdenum	97-1	1142	1167	1033	1114	6.36	cps
Molybdenum	98-1	1475	1300	1267	1347	8.31	cps
Neodymium	150-1	27	67	27	40	57.73	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	687	730	797	738	7.51	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	25775	24998	26058	25610	2.14	cps
Rhodium	103-1	2483316	2496094	2546995	2508802	1.34	cps
Rhodium	103-2	932814	927525	934567	931635	0.39	cps
Scandium	45-1	1735920	1755901	1722131	1737984	0.98	cps
Scandium	45-2	23553	23690	23871	23705	0.67	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	11	6	2	6	75.49	cps
Selenium	82-1	-183	-154	-46	-128	-56.82	cps
Silicon	28-1	10247992	10313626	10128155	10229924	0.92	cps
Silver	109-1	1800	1542	1592	1645	8.33	cps
Silver	107-1	2050	1792	1634	1825	11.53	cps
Sodium	23-2	4072830	4123086	4128123	4108013	0.74	cps
Strontium	86-1	157888	157491	156817	157398	0.34	cps
Strontium	88-1	1334942	1348657	1339993	1341197	0.52	cps
Sulfur	34-1	329353	323003	321320	324559	1.31	cps
Terbium	159-1	2861989	2904659	2918239	2894962	1.01	cps
Terbium	159-2	844799	844543	852874	847405	0.56	cps
Thallium	203-1	75	75	83	78	6.19	cps
Thallium	205-1	175	133	100	136	27.61	cps
Tin	118-1	3626	3634	3709	3656	1.26	cps
Titanium	47-1	767	708	683	719	5.94	cps
Uranium	238-1	2150	2392	2192	2245	5.76	cps
Vanadium	51-2	497	497	580	524	9.17	cps
Yttrium	89-1	2933092	2940829	2954543	2942821	0.37	cps
Yttrium	89-2	139191	137413	140134	138913	0.99	cps
Zinc	66-2	1230	1387	1300	1306	6.01	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:53:02	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	342	567	456	24.70	cps
Zirconium	91-1	108	58	75	81	31.60	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:56:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11545	11300	11035	11293	2.26	cps
Antimony	121-1	7119	7694	7936	7583	5.54	cps
Arsenic	75-2	180	224	144	183	21.84	cps
Barium	135-1	106528	106871	107813	107071	0.62	cps
Barium	137-1	186566	188678	190671	188638	1.09	cps
Beryllium	9-1	177	240	190	202	16.51	cps
Bismuth	209-1	1345875	1358611	1374582	1359689	1.06	cps
Bismuth	209-2	538392	542346	546675	542471	0.76	cps
Boron	10-1	18930	19330	18730	18997	1.61	cps
Boron	11-1	100200	100677	102986	101287	1.47	cps
Cadmium	111-1	2452	2634	2679	2588	4.65	cps
Cadmium	106-1	975	1125	1117	1072	7.86	cps
Cadmium	108-1	217	167	200	194	13.09	cps
Calcium	43-1	800876	805446	815360	807227	0.92	cps
Calcium	44-1	13195060	13221550	13427476	13281362	0.96	cps
Chromium	52-2	1966975	1988677	1990615	1982089	0.66	cps
Cobalt	59-2	30868	31138	30514	30840	1.02	cps
Copper	63-2	581791	586483	582383	583552	0.44	cps
Dysprosium	156-1	8612	8987	9696	9098	6.05	cps
Dysprosium	156-2	3124	3234	3270	3209	2.38	cps
Erbium	164-1	8570	8403	8837	8603	2.54	cps
Erbium	164-2	2574	2514	2760	2616	4.92	cps
Gadolinium	160-1	9129	9612	9779	9507	3.55	cps
Gadolinium	160-2	3891	3944	4164	4000	3.62	cps
Holmium	165-1	2527656	2612163	2600853	2580224	1.78	cps
Holmium	165-2	789209	795321	796896	793809	0.51	cps
Indium	115-1	2373943	2371894	2378057	2374631	0.13	cps
Indium	115-2	154745	154841	154540	154709	0.10	cps
Iron	56-2	14027923	13976622	13931698	13978747	0.34	cps
Iron	57-2	347334	350705	346896	348312	0.60	cps
Krypton	83-1	757	793	863	804	6.74	cps
Lead	206-1	4623	4707	4673	4668	0.90	cps
Lead	207-1	4012	3940	3823	3925	2.43	cps
Lead	208-1	21934	22062	21840	21945	0.51	cps
Lithium	6-1	271975	282963	287420	280786	2.83	cps
Magnesium	24-2	565628	566791	564058	565492	0.24	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:56:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3364175	3372102	3335368	3357215	0.58	cps
Molybdenum	94-1	36734	36943	39559	37745	4.17	cps
Molybdenum	95-1	16544	16628	17237	16803	2.25	cps
Molybdenum	96-1	22060	22787	23330	22726	2.80	cps
Molybdenum	97-1	10913	10938	11380	11077	2.37	cps
Molybdenum	98-1	26903	27554	27437	27298	1.27	cps
Neodymium	150-1	9524	9550	9677	9584	0.86	cps
Neodymium	150-2	1944	2044	1917	1968	3.39	cps
Nickel	60-2	30948	31579	30577	31035	1.63	cps
Phosphorus	31-2	250	200	250	233	12.37	cps
Potassium	39-2	80455	78259	78939	79218	1.42	cps
Rhodium	103-1	2263899	2304035	2318420	2295451	1.23	cps
Rhodium	103-2	860574	869059	862994	864209	0.51	cps
Scandium	45-1	1597997	1619248	1670668	1629304	2.29	cps
Scandium	45-2	22331	23126	22338	22598	2.02	cps
Selenium	77-2	17	23	13	18	28.64	cps
Selenium	78-2	20	15	31	22	38.20	cps
Selenium	82-1	1436	1549	1722	1569	9.18	cps
Silicon	28-1	21710421	21813839	21919609	21814623	0.48	cps
Silver	109-1	89682	90455	91376	90504	0.94	cps
Silver	107-1	96226	94876	96982	96028	1.11	cps
Sodium	23-2	57095897	57618764	57700172	57471611	0.57	cps
Strontium	86-1	217744	219211	223335	220097	1.32	cps
Strontium	88-1	1939620	1959909	1975581	1958370	0.92	cps
Sulfur	34-1	343327	341987	335764	340360	1.19	cps
Terbium	159-1	2719341	2753609	2745972	2739641	0.66	cps
Terbium	159-2	801178	811834	812401	808471	0.78	cps
Thallium	203-1	92	125	67	94	30.99	cps
Thallium	205-1	233	267	208	236	12.39	cps
Tin	118-1	4568	5085	5218	4957	6.93	cps
Titanium	47-1	10613	11622	11647	11294	5.22	cps
Uranium	238-1	5226	5476	5218	5307	2.77	cps
Vanadium	51-2	1207	1137	1157	1167	3.09	cps
Yttrium	89-1	2900617	2925176	3025507	2950434	2.24	cps
Yttrium	89-2	141552	142003	141940	141831	0.17	cps
Zinc	66-2	5441	5491	5538	5490	0.88	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:56:28	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	75812	77170	77487	76823	1.16	cps
Zirconium	91-1	17545	17512	17420	17493	0.37	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-15 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 16:59:53 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	75	90	83	9.16	cps
Antimony	121-1	6635	6402	6535	6524	1.80	cps
Arsenic	75-2	98	76	78	84	14.69	cps
Barium	135-1	120107	120713	121630	120816	0.63	cps
Barium	137-1	210512	215791	214165	213489	1.27	cps
Beryllium	9-1	27	23	30	27	12.51	cps
Bismuth	209-1	1522325	1535798	1537905	1532010	0.55	cps
Bismuth	209-2	609640	604138	615715	609831	0.95	cps
Boron	10-1	2192	2700	2117	2336	13.59	cps
Boron	11-1	12272	12131	11981	12128	1.20	cps
Cadmium	111-1	532	560	533	542	2.89	cps
Cadmium	106-1	675	717	667	686	3.90	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	800212	808079	809918	806070	0.64	cps
Calcium	44-1	13042819	13191917	13146037	13126924	0.58	cps
Chromium	52-2	1329636	1323177	1338790	1330534	0.59	cps
Cobalt	59-2	167	153	200	173	13.87	cps
Copper	63-2	3931	3901	3947	3926	0.60	cps
Dysprosium	156-1	33	58	50	47	26.97	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	108	50	75	78	37.63	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	58	50	33	47	26.97	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	2757252	2772531	2786538	2772107	0.53	cps
Holmium	165-2	844670	843122	842103	843298	0.15	cps
Indium	115-1	2609533	2613639	2652178	2625117	0.90	cps
Indium	115-2	169019	167917	168685	168540	0.34	cps
Iron	56-2	10124	9264	9192	9527	5.44	cps
Iron	57-2	317	311	200	276	23.85	cps
Krypton	83-1	753	627	733	704	9.67	cps
Lead	206-1	1056	911	1106	1024	9.86	cps
Lead	207-1	850	833	911	865	4.73	cps
Lead	208-1	4767	4595	5073	4812	5.03	cps
Lithium	6-1	337650	349331	354815	347265	2.52	cps
Magnesium	24-2	449627	442717	437417	443254	1.38	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:59:53	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	407	293	340	17.43	cps
Molybdenum	94-1	525	492	550	522	5.60	cps
Molybdenum	95-1	800	667	758	742	9.20	cps
Molybdenum	96-1	708	858	892	820	11.92	cps
Molybdenum	97-1	1025	1092	983	1033	5.29	cps
Molybdenum	98-1	967	1033	1258	1086	14.07	cps
Neodymium	150-1	7	27	53	29	81.04	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	660	690	740	697	5.80	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	24798	24071	24915	24595	1.86	cps
Rhodium	103-1	2526495	2547745	2557729	2543990	0.63	cps
Rhodium	103-2	944157	938881	938526	940522	0.34	cps
Scandium	45-1	1730153	1737254	1744550	1737319	0.41	cps
Scandium	45-2	23660	23410	23386	23485	0.65	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	4	7	7	6	34.70	cps
Selenium	82-1	-111	-1	-110	-74	-85.73	cps
Silicon	28-1	10476830	10361221	10210910	10349654	1.29	cps
Silver	109-1	1700	2192	2017	1970	12.65	cps
Silver	107-1	1784	1917	1759	1820	4.68	cps
Sodium	23-2	4270441	4220390	4196537	4229122	0.89	cps
Strontium	86-1	180960	181136	181501	181199	0.15	cps
Strontium	88-1	1598191	1637687	1635227	1623702	1.36	cps
Sulfur	34-1	317618	315959	324937	319505	1.50	cps
Terbium	159-1	2949012	2984466	2970261	2967913	0.60	cps
Terbium	159-2	865879	857528	866629	863345	0.59	cps
Thallium	203-1	50	42	42	44	10.82	cps
Thallium	205-1	100	108	150	119	22.43	cps
Tin	118-1	2867	3426	2959	3084	9.71	cps
Titanium	47-1	342	292	300	311	8.61	cps
Uranium	238-1	3442	3709	3692	3615	4.13	cps
Vanadium	51-2	630	640	507	592	12.54	cps
Yttrium	89-1	2959866	3022836	3023795	3002166	1.22	cps
Yttrium	89-2	140774	139494	140271	140180	0.46	cps
Zinc	66-2	703	790	763	752	5.90	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 16:59:53	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	250	242	253	5.04	cps
Zirconium	91-1	33	75	33	47	50.95	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353143	355002	351096	353080	0.55	cps
Antimony	121-1	2081720	2101180	2107272	2096724	0.64	cps
Arsenic	75-2	51148	50533	51040	50907	0.65	cps
Barium	135-1	2012577	2017172	2024359	2018036	0.29	cps
Barium	137-1	3522684	3516569	3492524	3510592	0.45	cps
Beryllium	9-1	250214	254597	255952	253588	1.18	cps
Bismuth	209-1	1571191	1588998	1565204	1575131	0.79	cps
Bismuth	209-2	712905	702653	700043	705200	0.96	cps
Boron	10-1	36498	36940	37542	36993	1.42	cps
Boron	11-1	187451	188948	193083	189827	1.54	cps
Cadmium	111-1	461950	460889	458546	460462	0.38	cps
Cadmium	106-1	48220	48647	46774	47880	2.05	cps
Cadmium	108-1	33137	32999	33500	33212	0.78	cps
Calcium	43-1	3024317	3043765	2990743	3019608	0.89	cps
Calcium	44-1	48455308	49121438	48481899	48686215	0.77	cps
Chromium	52-2	399978	394870	397280	397376	0.64	cps
Cobalt	59-2	768564	767052	759797	765138	0.61	cps
Copper	63-2	1255773	1250679	1252841	1253097	0.20	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	20	17	0	12	87.67	cps
Holmium	165-1	2946677	2950244	2951734	2949552	0.09	cps
Holmium	165-2	1021261	1008848	997757	1009288	1.16	cps
Indium	115-1	2794571	2805073	2763856	2787833	0.77	cps
Indium	115-2	209200	203931	204566	205899	1.40	cps
Iron	56-2	67587165	68063815	67638378	67763120	0.39	cps
Iron	57-2	1727717	1738787	1730840	1732448	0.33	cps
Krypton	83-1	610	610	670	630	5.50	cps
Lead	206-1	885881	893560	883333	887591	0.60	cps
Lead	207-1	794376	798185	789862	794141	0.52	cps
Lead	208-1	4487346	4493879	4437018	4472747	0.70	cps
Lithium	6-1	229420	236940	235185	233848	1.68	cps
Magnesium	24-2	7612487	7696250	7682416	7663717	0.59	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	241354	242101	239468	240974	0.56	cps
Molybdenum	94-1	4059026	4006249	4030543	4031939	0.66	cps
Molybdenum	95-1	4987546	4976550	4992999	4985699	0.17	cps
Molybdenum	96-1	5445825	5487751	5465003	5466193	0.38	cps
Molybdenum	97-1	3028918	3019316	3022982	3023739	0.16	cps
Molybdenum	98-1	7784124	7832737	7787824	7801562	0.35	cps
Neodymium	150-1	53	127	93	91	40.30	cps
Neodymium	150-2	7	20	3	10	88.20	cps
Nickel	60-2	223684	222058	223786	223176	0.43	cps
Phosphorus	31-2	5460	5526	6085	5690	6.03	cps
Potassium	39-2	2337342	2358661	2350566	2348856	0.46	cps
Rhodium	103-1	2785793	2793464	2782802	2787353	0.20	cps
Rhodium	103-2	1095789	1085146	1087794	1089576	0.51	cps
Scandium	45-1	2316150	2355295	2365832	2345759	1.12	cps
Scandium	45-2	31890	32271	31876	32012	0.70	cps
Selenium	77-2	350	377	363	363	3.67	cps
Selenium	78-2	1233	1307	1220	1254	3.75	cps
Selenium	82-1	34671	34491	34955	34706	0.67	cps
Silicon	28-1	1439034	1477277	1461786	1459366	1.32	cps
Silver	109-1	2224618	2243094	2220793	2229502	0.53	cps
Silver	107-1	2323227	2355412	2326554	2335064	0.76	cps
Sodium	23-2	17387077	17385172	17263893	17345381	0.41	cps
Strontium	86-1	622591	614371	618441	618467	0.66	cps
Strontium	88-1	5407095	5335904	5372559	5371853	0.66	cps
Sulfur	34-1	532999	535039	532467	533502	0.25	cps
Terbium	159-1	3134082	3191647	3142408	3156046	0.99	cps
Terbium	159-2	1033899	1028730	1023190	1028606	0.52	cps
Thallium	203-1	1111636	1104603	1092609	1102949	0.87	cps
Thallium	205-1	2719170	2755979	2702093	2725747	1.01	cps
Tin	118-1	1383235	1376225	1379673	1379711	0.25	cps
Titanium	47-1	1601603	1614460	1601650	1605904	0.46	cps
Uranium	238-1	3403846	3439091	3434955	3425964	0.56	cps
Vanadium	51-2	294748	289448	291285	291827	0.92	cps
Yttrium	89-1	3468272	3441734	3461375	3457127	0.40	cps
Yttrium	89-2	175635	178108	179296	177680	1.05	cps
Zinc	66-2	136932	137124	136914	136990	0.08	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:12:18	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3408824	3370713	3354890	3378143	0.82	cps
Zirconium	91-1	736638	731754	736166	734852	0.37	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	63	48	53	15.08	cps
Antimony	121-1	675	600	658	644	6.11	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	25	17	33	25	33.34	cps
Barium	137-1	67	42	50	53	24.12	cps
Beryllium	9-1	30	27	27	28	6.92	cps
Bismuth	209-1	1610962	1607770	1667274	1628668	2.06	cps
Bismuth	209-2	725562	716964	720681	721069	0.60	cps
Boron	10-1	367	358	417	381	8.29	cps
Boron	11-1	2042	1917	2092	2017	4.47	cps
Cadmium	111-1	580	520	588	562	6.62	cps
Cadmium	106-1	817	725	842	795	7.73	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	237	203	243	228	9.41	cps
Calcium	44-1	60861	59726	60269	60285	0.94	cps
Chromium	52-2	2157	2040	1930	2042	5.55	cps
Cobalt	59-2	77	90	70	79	12.91	cps
Copper	63-2	237	237	183	219	14.07	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	2880027	2824251	2850774	2851684	0.98	cps
Holmium	165-2	986309	982012	984150	984157	0.22	cps
Indium	115-1	2822049	2823328	2827723	2824367	0.11	cps
Indium	115-2	212898	209520	210293	210903	0.84	cps
Iron	56-2	4751	4679	4773	4734	1.04	cps
Iron	57-2	111	128	133	124	9.32	cps
Krypton	83-1	617	640	537	598	9.07	cps
Lead	206-1	644	606	544	598	8.43	cps
Lead	207-1	606	633	550	596	7.12	cps
Lead	208-1	3189	3184	2861	3078	6.10	cps
Lithium	6-1	228058	226963	228274	227765	0.31	cps
Magnesium	24-2	358	367	392	372	4.66	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	87	87	96	16.11	cps
Molybdenum	94-1	208	250	300	253	18.16	cps
Molybdenum	95-1	225	175	217	206	13.03	cps
Molybdenum	96-1	283	375	217	292	27.25	cps
Molybdenum	97-1	442	450	408	433	5.09	cps
Molybdenum	98-1	225	267	292	261	12.90	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	133	100	120	14.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	5285	5176	5501	5321	3.11	cps
Rhodium	103-1	2914807	2900894	2909992	2908564	0.24	cps
Rhodium	103-2	1137884	1142558	1135942	1138795	0.30	cps
Scandium	45-1	2263757	2247545	2246262	2252522	0.43	cps
Scandium	45-2	31295	31262	31171	31243	0.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-199	-197	-68	-155	-48.77	cps
Silicon	28-1	214015	213044	213172	213410	0.25	cps
Silver	109-1	183	125	200	169	23.24	cps
Silver	107-1	167	200	175	181	9.61	cps
Sodium	23-2	18237	17745	17595	17859	1.88	cps
Strontium	86-1	800	550	600	650	20.35	cps
Strontium	88-1	67	117	117	100	28.87	cps
Sulfur	34-1	347923	348351	352390	349555	0.71	cps
Terbium	159-1	3072309	3061393	3086169	3073291	0.40	cps
Terbium	159-2	1013004	1002355	998917	1004759	0.73	cps
Thallium	203-1	233	267	208	236	12.39	cps
Thallium	205-1	450	567	592	536	14.10	cps
Tin	118-1	267	233	242	247	7.02	cps
Titanium	47-1	125	75	42	81	52.07	cps
Uranium	238-1	17	42	50	36	48.03	cps
Vanadium	51-2	10	37	13	20	72.66	cps
Yttrium	89-1	3385968	3404095	3388768	3392944	0.29	cps
Yttrium	89-2	176010	175191	178111	176437	0.85	cps
Zinc	66-2	57	63	67	62	8.18	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:17:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	267	300	269	10.86	cps
Zirconium	91-1	42	100	67	69	42.14	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:21:15 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3369	3359	3472	3400	1.84	cps
Antimony	121-1	4859	4726	4709	4765	1.73	cps
Arsenic	75-2	174	174	187	178	4.19	cps
Barium	135-1	16845	16311	16486	16547	1.64	cps
Barium	137-1	28398	28882	29693	28991	2.26	cps
Beryllium	9-1	83	73	50	69	24.83	cps
Bismuth	209-1	1462790	1465922	1484264	1470992	0.79	cps
Bismuth	209-2	600024	595580	589997	595200	0.84	cps
Boron	10-1	13231	13932	13499	13554	2.61	cps
Boron	11-1	67845	70123	69821	69263	1.79	cps
Cadmium	111-1	1034	1115	1105	1085	4.07	cps
Cadmium	106-1	900	958	1067	975	8.67	cps
Cadmium	108-1	125	121	138	128	6.79	cps
Calcium	43-1	263301	263897	261023	262740	0.58	cps
Calcium	44-1	4302073	4372188	4277679	4317313	1.14	cps
Chromium	52-2	556656	554612	556075	555781	0.19	cps
Cobalt	59-2	22579	22712	22478	22590	0.52	cps
Copper	63-2	85783	84716	85125	85208	0.63	cps
Dysprosium	156-1	1592	1884	1642	1706	9.15	cps
Dysprosium	156-2	630	657	670	652	3.12	cps
Erbium	164-1	1825	2309	2259	2131	12.48	cps
Erbium	164-2	770	717	683	723	6.04	cps
Gadolinium	160-1	1950	1892	2142	1995	6.56	cps
Gadolinium	160-2	810	783	800	798	1.69	cps
Holmium	165-1	2608215	2664948	2724128	2665764	2.17	cps
Holmium	165-2	837496	827228	826063	830262	0.76	cps
Indium	115-1	2534030	2572376	2541194	2549200	0.80	cps
Indium	115-2	168295	167818	166768	167627	0.47	cps
Iron	56-2	26230949	26224955	25670348	26042084	1.24	cps
Iron	57-2	653455	642694	649023	648391	0.83	cps
Krypton	83-1	683	677	677	679	0.57	cps
Lead	206-1	4412	4807	4418	4545	4.98	cps
Lead	207-1	3984	3445	3934	3788	7.86	cps
Lead	208-1	21261	20339	20822	20807	2.22	cps
Lithium	6-1	249206	279452	300248	276302	9.29	cps
Magnesium	24-2	177565	174476	173987	175343	1.11	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:21:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3959162	3877748	3896421	3911110	1.09	cps
Molybdenum	94-1	41590	43805	43220	42872	2.68	cps
Molybdenum	95-1	4418	4318	4784	4507	5.45	cps
Molybdenum	96-1	11280	11239	11797	11439	2.72	cps
Molybdenum	97-1	3042	3242	2775	3020	7.76	cps
Molybdenum	98-1	6727	6885	6935	6849	1.59	cps
Neodymium	150-1	2280	2060	1920	2087	8.70	cps
Neodymium	150-2	490	433	370	431	13.93	cps
Nickel	60-2	19654	20011	19350	19672	1.68	cps
Phosphorus	31-2	333	342	308	328	5.29	cps
Potassium	39-2	157438	159209	157591	158079	0.62	cps
Rhodium	103-1	2429039	2474072	2504212	2469108	1.53	cps
Rhodium	103-2	926958	925330	924993	925760	0.11	cps
Scandium	45-1	1763167	1778493	1774735	1772132	0.45	cps
Scandium	45-2	23667	23683	23363	23571	0.77	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	2	7	7	6	57.77	cps
Selenium	82-1	-188	-187	-172	-182	-4.99	cps
Silicon	28-1	11516040	11940181	11640773	11698998	1.86	cps
Silver	109-1	17888	16811	17070	17256	3.26	cps
Silver	107-1	17963	17963	18271	18066	0.99	cps
Sodium	23-2	12051843	11971858	11865411	11963037	0.78	cps
Strontium	86-1	247594	243696	251214	247501	1.52	cps
Strontium	88-1	2137436	2164972	2202337	2168248	1.50	cps
Sulfur	34-1	393961	388027	376684	386224	2.27	cps
Terbium	159-1	2849542	2852163	2889343	2863682	0.78	cps
Terbium	159-2	848857	845058	850919	848278	0.35	cps
Thallium	203-1	525	275	225	342	47.04	cps
Thallium	205-1	875	667	725	756	14.23	cps
Tin	118-1	5585	5693	6327	5868	6.83	cps
Titanium	47-1	1525	2059	1717	1767	15.29	cps
Uranium	238-1	592	600	500	564	9.84	cps
Vanadium	51-2	530	473	443	482	9.13	cps
Yttrium	89-1	2990322	2982228	3004798	2992449	0.38	cps
Yttrium	89-2	143009	140585	141531	141708	0.86	cps
Zinc	66-2	9473	8823	8943	9080	3.81	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:21:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	112284	111907	113639	112610	0.81	cps
Zirconium	91-1	24423	25550	24673	24882	2.38	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:24:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10169	9861	9879	9969	1.73	cps
Antimony	121-1	7402	7569	9129	8033	11.85	cps
Arsenic	75-2	228	204	189	207	9.49	cps
Barium	135-1	8937	9562	8778	9092	4.56	cps
Barium	137-1	15443	15301	15176	15307	0.87	cps
Beryllium	9-1	40	53	47	47	14.28	cps
Bismuth	209-1	1456504	1484874	1502538	1481305	1.57	cps
Bismuth	209-2	589248	587107	585902	587419	0.29	cps
Boron	10-1	2267	2567	2567	2467	7.02	cps
Boron	11-1	11880	11772	11272	11641	2.79	cps
Cadmium	111-1	749	843	759	784	6.57	cps
Cadmium	106-1	842	858	800	833	3.61	cps
Cadmium	108-1	117	71	67	85	32.74	cps
Calcium	43-1	38289	37714	39065	38356	1.77	cps
Calcium	44-1	669402	674293	679706	674467	0.76	cps
Chromium	52-2	3747462	3776009	3716616	3746696	0.79	cps
Cobalt	59-2	1327	1380	1230	1312	5.79	cps
Copper	63-2	218463	216714	219591	218256	0.66	cps
Dysprosium	156-1	1575	1817	1508	1634	9.93	cps
Dysprosium	156-2	580	607	613	600	2.94	cps
Erbium	164-1	1358	1525	1625	1503	8.96	cps
Erbium	164-2	437	453	417	436	4.22	cps
Gadolinium	160-1	1717	1734	1575	1675	5.19	cps
Gadolinium	160-2	680	767	740	729	6.09	cps
Holmium	165-1	2631161	2719419	2735916	2695499	2.09	cps
Holmium	165-2	829008	823788	832024	828273	0.50	cps
Indium	115-1	2476681	2539332	2503401	2506471	1.25	cps
Indium	115-2	162146	160144	162656	161648	0.82	cps
Iron	56-2	465167	463729	460539	463145	0.51	cps
Iron	57-2	11716	11766	11739	11740	0.21	cps
Krypton	83-1	760	657	693	703	7.45	cps
Lead	206-1	3056	3000	3178	3078	2.96	cps
Lead	207-1	2273	2595	2467	2445	6.64	cps
Lead	208-1	13903	13897	14203	14001	1.25	cps
Lithium	6-1	292693	306524	306955	302057	2.69	cps
Magnesium	24-2	44279	44078	44905	44421	0.97	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:24:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19634	19243	19507	19462	1.02	cps
Molybdenum	94-1	32156	33559	32590	32768	2.19	cps
Molybdenum	95-1	4176	3984	4851	4337	10.50	cps
Molybdenum	96-1	9187	9595	10037	9607	4.43	cps
Molybdenum	97-1	3292	3326	3492	3370	3.18	cps
Molybdenum	98-1	6877	7211	7111	7066	2.42	cps
Neodymium	150-1	1947	1900	1840	1896	2.82	cps
Neodymium	150-2	363	377	360	367	2.41	cps
Nickel	60-2	6255	6138	6468	6287	2.66	cps
Phosphorus	31-2	317	233	225	258	19.62	cps
Potassium	39-2	14066	14224	14450	14247	1.35	cps
Rhodium	103-1	2433239	2488152	2528308	2483233	1.92	cps
Rhodium	103-2	921881	923465	922215	922520	0.09	cps
Scandium	45-1	1675074	1681317	1712278	1689556	1.18	cps
Scandium	45-2	23313	23022	22849	23061	1.02	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	18	112	145	92	72.02	cps
Silicon	28-1	2393943	2393363	2371225	2386177	0.54	cps
Silver	109-1	69203	70653	72697	70851	2.48	cps
Silver	107-1	75110	75982	77306	76132	1.45	cps
Sodium	23-2	16926407	16755781	17112423	16931537	1.05	cps
Strontium	86-1	17579	17604	17270	17484	1.06	cps
Strontium	88-1	143708	146790	146151	145549	1.12	cps
Sulfur	34-1	246510	236802	230265	237859	3.44	cps
Terbium	159-1	2826038	2927450	2910570	2888020	1.88	cps
Terbium	159-2	842493	847518	851737	847249	0.55	cps
Thallium	203-1	100	75	125	100	25.00	cps
Thallium	205-1	308	267	233	269	13.95	cps
Tin	118-1	3926	3776	3659	3787	3.53	cps
Titanium	47-1	1575	1742	1709	1675	5.27	cps
Uranium	238-1	3401	3401	3509	3437	1.82	cps
Vanadium	51-2	1323	1520	1293	1379	8.93	cps
Yttrium	89-1	2902329	2947726	3000543	2950199	1.67	cps
Yttrium	89-2	139191	138537	138120	138616	0.39	cps
Zinc	66-2	1783	1700	1723	1736	2.48	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:24:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	84109	84269	84597	84325	0.30	cps
Zirconium	91-1	19523	18697	19314	19178	2.24	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:28:07 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385	435	373	398	8.32	cps
Antimony	121-1	9020	8687	9529	9078	4.67	cps
Arsenic	75-2	70	59	65	65	8.57	cps
Barium	135-1	128544	126710	129378	128211	1.06	cps
Barium	137-1	223925	226510	226041	225492	0.61	cps
Beryllium	9-1	23	13	27	21	32.88	cps
Bismuth	209-1	1522878	1521613	1550837	1531776	1.08	cps
Bismuth	209-2	596619	604379	602981	601327	0.69	cps
Boron	10-1	2434	2875	2584	2631	8.54	cps
Boron	11-1	12765	12798	12848	12803	0.33	cps
Cadmium	111-1	498	576	597	557	9.40	cps
Cadmium	106-1	683	800	833	772	10.20	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	796666	794722	808060	799816	0.90	cps
Calcium	44-1	13050589	13141628	13239557	13143925	0.72	cps
Chromium	52-2	1213542	1216232	1230529	1220101	0.75	cps
Cobalt	59-2	233	243	283	253	10.44	cps
Copper	63-2	4507	4437	4594	4513	1.74	cps
Dysprosium	156-1	58	58	33	50	28.88	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	42	58	100	67	45.06	cps
Gadolinium	160-2	7	20	23	17	52.90	cps
Holmium	165-1	2800468	2762254	2790768	2784497	0.71	cps
Holmium	165-2	830231	831083	830902	830739	0.05	cps
Indium	115-1	2568711	2580275	2615961	2588316	0.95	cps
Indium	115-2	163154	165623	165117	164631	0.79	cps
Iron	56-2	38528	38094	38950	38524	1.11	cps
Iron	57-2	1011	1011	850	957	9.72	cps
Krypton	83-1	670	793	663	709	10.33	cps
Lead	206-1	961	950	795	902	10.33	cps
Lead	207-1	833	717	883	811	10.54	cps
Lead	208-1	4489	4356	4445	4430	1.53	cps
Lithium	6-1	303899	311323	317041	310754	2.12	cps
Magnesium	24-2	367293	362774	367463	365843	0.73	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:28:07 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3707	3671	3691	3689	0.50	cps
Molybdenum	94-1	2634	2767	2950	2784	5.71	cps
Molybdenum	95-1	4343	4559	4318	4406	3.02	cps
Molybdenum	96-1	4684	4734	5076	4832	4.41	cps
Molybdenum	97-1	3301	3484	3167	3317	4.79	cps
Molybdenum	98-1	6785	6769	6994	6849	1.83	cps
Neodymium	150-1	47	73	47	56	27.71	cps
Neodymium	150-2	3	17	27	16	75.27	cps
Nickel	60-2	1220	1140	1203	1188	3.55	cps
Phosphorus	31-2	0	17	33	17	99.99	cps
Potassium	39-2	29824	29900	29799	29841	0.17	cps
Rhodium	103-1	2511216	2500961	2567797	2526658	1.42	cps
Rhodium	103-2	926007	930889	930179	929025	0.28	cps
Scandium	45-1	1693306	1669922	1714718	1692649	1.32	cps
Scandium	45-2	22905	22692	23406	23001	1.59	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	9	4	7	7	41.70	cps
Selenium	82-1	-118	-272	-119	-170	-52.31	cps
Silicon	28-1	11096167	11251239	11318019	11221808	1.01	cps
Silver	109-1	1500	1467	1367	1445	4.80	cps
Silver	107-1	1484	1292	1684	1486	13.18	cps
Sodium	23-2	4567496	4447488	4557399	4524128	1.47	cps
Strontium	86-1	142100	139490	144458	142016	1.75	cps
Strontium	88-1	1204320	1194099	1189672	1196030	0.63	cps
Sulfur	34-1	295595	299576	302108	299093	1.10	cps
Terbium	159-1	2933879	2931279	2952550	2939236	0.39	cps
Terbium	159-2	848124	844512	845229	845955	0.23	cps
Thallium	203-1	83	50	67	67	25.00	cps
Thallium	205-1	158	183	83	142	36.73	cps
Tin	118-1	2975	2642	3592	3070	15.71	cps
Titanium	47-1	825	858	1209	964	22.07	cps
Uranium	238-1	1617	1559	1592	1589	1.84	cps
Vanadium	51-2	773	783	770	776	0.90	cps
Yttrium	89-1	2988343	2953178	2904367	2948629	1.43	cps
Yttrium	89-2	138117	136568	137346	137344	0.56	cps
Zinc	66-2	1370	1327	1330	1342	1.80	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:28:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	700	658	683	3.23	cps
Zirconium	91-1	158	250	167	192	26.45	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:31:34	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185	218	193	198	8.58	cps
Antimony	121-1	7261	7319	7986	7522	5.36	cps
Arsenic	75-2	120	81	100	101	19.33	cps
Barium	135-1	22528	23631	22770	22976	2.52	cps
Barium	137-1	38298	40421	40338	39686	3.03	cps
Beryllium	9-1	33	37	33	34	5.60	cps
Bismuth	209-1	1404997	1448345	1530593	1461312	4.37	cps
Bismuth	209-2	584274	599414	604941	596210	1.79	cps
Boron	10-1	74569	77476	76295	76113	1.92	cps
Boron	11-1	383023	393671	398339	391678	2.00	cps
Cadmium	111-1	428	515	548	497	12.44	cps
Cadmium	106-1	558	667	742	656	14.06	cps
Cadmium	108-1	13	21	25	19	32.73	cps
Calcium	43-1	419684	433181	432403	428423	1.77	cps
Calcium	44-1	6885151	7104003	7069499	7019551	1.68	cps
Chromium	52-2	21336	21533	21831	21567	1.15	cps
Cobalt	59-2	1240	1310	1283	1278	2.76	cps
Copper	63-2	17902	18312	18306	18173	1.29	cps
Dysprosium	156-1	58	0	0	19	173.21	cps
Dysprosium	156-2	20	0	7	9	114.55	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	2581997	2642949	2804154	2676367	4.29	cps
Holmium	165-2	807715	830466	832902	823695	1.69	cps
Indium	115-1	2357780	2444254	2610297	2470777	5.19	cps
Indium	115-2	160019	164366	164405	162930	1.55	cps
Iron	56-2	840068	846110	847149	844443	0.45	cps
Iron	57-2	21384	21300	21873	21519	1.44	cps
Krypton	83-1	807	690	743	747	7.82	cps
Lead	206-1	1439	1734	1583	1585	9.29	cps
Lead	207-1	1083	1350	1250	1228	10.97	cps
Lead	208-1	6656	7606	7101	7121	6.68	cps
Lithium	6-1	270971	284997	295437	283802	4.33	cps
Magnesium	24-2	417217	424020	423879	421705	0.92	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 17:31:34 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	354931	353754	355664	354783	0.27	cps
Molybdenum	94-1	8303	8211	8336	8283	0.78	cps
Molybdenum	95-1	11981	12623	13040	12548	4.25	cps
Molybdenum	96-1	13424	13616	12448	13163	4.76	cps
Molybdenum	97-1	8245	8044	8503	8264	2.78	cps
Molybdenum	98-1	19740	20800	19415	19985	3.62	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	907	997	1097	1000	9.50	cps
Phosphorus	31-2	175	100	117	131	30.16	cps
Potassium	39-2	56858	58765	59058	58227	2.05	cps
Rhodium	103-1	2309728	2376939	2502013	2396227	4.07	cps
Rhodium	103-2	896374	918718	926036	913709	1.69	cps
Scandium	45-1	1549347	1636775	1740897	1642340	5.84	cps
Scandium	45-2	22802	23009	22922	22911	0.45	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-359	-262	-335	-318	-15.87	cps
Silicon	28-1	29758168	30764686	30485669	30336175	1.71	cps
Silver	109-1	2409	2992	3117	2839	13.32	cps
Silver	107-1	2592	2700	3059	2784	8.78	cps
Sodium	23-2	20774817	20728517	20943907	20815747	0.54	cps
Strontium	86-1	585569	587394	594538	589167	0.80	cps
Strontium	88-1	5141533	5199018	5268421	5202991	1.22	cps
Sulfur	34-1	241990	246261	249384	245879	1.51	cps
Terbium	159-1	2724605	2788136	2975449	2829397	4.61	cps
Terbium	159-2	829963	837380	849170	838838	1.15	cps
Thallium	203-1	33	75	25	44	60.28	cps
Thallium	205-1	108	100	58	89	30.13	cps
Tin	118-1	3226	2967	3326	3173	5.83	cps
Titanium	47-1	1008	1100	1158	1089	6.94	cps
Uranium	238-1	5835	6152	5868	5952	2.92	cps
Vanadium	51-2	727	710	800	746	6.42	cps
Yttrium	89-1	2792944	2838994	3002710	2878216	3.83	cps
Yttrium	89-2	134900	138233	138957	137363	1.58	cps
Zinc	66-2	737	717	677	710	4.30	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 17:31:34	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3542	3792	3767	3701	3.72	cps
Zirconium	91-1	750	767	858	792	7.37	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	73	77	6.79	cps
Antimony	121-1	2309	2375	2300	2328	1.77	cps
Arsenic	75-2	20	17	17	18	11.93	cps
Barium	135-1	26837	26552	27204	26864	1.22	cps
Barium	137-1	45672	45847	44877	45466	1.14	cps
Beryllium	9-1	20	17	33	23	37.78	cps
Bismuth	209-1	1691494	1722560	1694288	1702781	1.01	cps
Bismuth	209-2	660416	662754	667678	663616	0.56	cps
Boron	10-1	1292	1267	1208	1256	3.41	cps
Boron	11-1	6702	6377	6252	6443	3.61	cps
Cadmium	111-1	485	578	505	522	9.41	cps
Cadmium	106-1	642	758	650	683	9.52	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	191010	191616	188342	190323	0.92	cps
Calcium	44-1	3258915	3203864	3140272	3201017	1.85	cps
Chromium	52-2	326094	322630	322721	323815	0.61	cps
Cobalt	59-2	187	183	203	191	5.61	cps
Copper	63-2	1417	1413	1310	1380	4.39	cps
Dysprosium	156-1	17	17	50	28	69.27	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	2913031	2934367	2911030	2919476	0.44	cps
Holmium	165-2	902037	904647	911090	905925	0.51	cps
Indium	115-1	2842431	2846113	2781797	2823447	1.28	cps
Indium	115-2	187978	186626	185564	186723	0.65	cps
Iron	56-2	7002	6735	7715	7151	7.08	cps
Iron	57-2	233	233	233	233	0.00	cps
Krypton	83-1	610	633	683	642	5.83	cps
Lead	206-1	444	411	400	419	5.53	cps
Lead	207-1	378	394	494	422	14.94	cps
Lead	208-1	2045	2083	2289	2139	6.14	cps
Lithium	6-1	211398	213079	211071	211849	0.51	cps
Magnesium	24-2	91192	88502	89943	89879	1.50	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17688	18052	17655	17798	1.24	cps
Molybdenum	94-1	208	217	267	231	13.68	cps
Molybdenum	95-1	183	208	175	189	9.19	cps
Molybdenum	96-1	267	283	308	286	7.33	cps
Molybdenum	97-1	592	600	617	603	2.11	cps
Molybdenum	98-1	308	300	367	325	11.18	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	250	200	250	233	12.37	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	9145	9420	9454	9340	1.81	cps
Rhodium	103-1	2802396	2778435	2775371	2785401	0.53	cps
Rhodium	103-2	1037391	1043507	1033834	1038244	0.47	cps
Scandium	45-1	1990369	1992657	1977847	1986958	0.40	cps
Scandium	45-2	26629	26258	26031	26306	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-148	-172	-262	-194	-31.05	cps
Silicon	28-1	2473671	2510618	2459543	2481278	1.06	cps
Silver	109-1	433	408	375	406	7.22	cps
Silver	107-1	500	358	508	456	18.50	cps
Sodium	23-2	927569	912342	917142	919018	0.85	cps
Strontium	86-1	34478	34002	34845	34442	1.23	cps
Strontium	88-1	286734	285133	282541	284803	0.74	cps
Sulfur	34-1	286315	289171	286902	287463	0.52	cps
Terbium	159-1	3145785	3133887	3124072	3134581	0.35	cps
Terbium	159-2	922710	920445	917865	920340	0.26	cps
Thallium	203-1	42	50	33	42	20.00	cps
Thallium	205-1	125	100	92	106	16.44	cps
Tin	118-1	433	392	1431	752	78.23	cps
Titanium	47-1	200	183	167	183	9.09	cps
Uranium	238-1	500	458	342	433	18.94	cps
Vanadium	51-2	150	123	157	143	12.30	cps
Yttrium	89-1	3236817	3267124	3244683	3249541	0.48	cps
Yttrium	89-2	155186	155692	154930	155269	0.25	cps
Zinc	66-2	760	730	740	743	2.05	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DLX5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:36:41	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	217	233	244	14.19	cps
Zirconium	91-1	58	67	58	61	7.87	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-05DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW13-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:40:08 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315	325	313	318	2.08	cps
Antimony	121-1	2017	1917	1875	1936	3.76	cps
Arsenic	75-2	39	28	30	32	18.54	cps
Barium	135-1	36844	35340	35992	36058	2.09	cps
Barium	137-1	63076	61544	62649	62423	1.27	cps
Beryllium	9-1	23	20	20	21	9.11	cps
Bismuth	209-1	1690169	1709935	1710873	1703659	0.69	cps
Bismuth	209-2	672568	668272	666771	669204	0.45	cps
Boron	10-1	1083	975	983	1014	5.95	cps
Boron	11-1	5351	5084	5076	5171	3.03	cps
Cadmium	111-1	490	555	584	543	8.92	cps
Cadmium	106-1	692	775	817	761	8.36	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	196972	200336	196508	197939	1.06	cps
Calcium	44-1	3257297	3337974	3290493	3295255	1.23	cps
Chromium	52-2	96402	96574	95963	96313	0.33	cps
Cobalt	59-2	200	203	183	196	5.48	cps
Copper	63-2	1380	1397	1583	1453	7.77	cps
Dysprosium	156-1	108	100	117	108	7.69	cps
Dysprosium	156-2	27	23	63	38	58.75	cps
Erbium	164-1	158	92	150	133	27.24	cps
Erbium	164-2	23	50	23	32	47.79	cps
Gadolinium	160-1	100	175	100	125	34.64	cps
Gadolinium	160-2	27	63	30	40	50.68	cps
Holmium	165-1	2976061	2931333	2934367	2947254	0.85	cps
Holmium	165-2	913439	902909	914036	910128	0.69	cps
Indium	115-1	2768135	2807534	2773081	2782917	0.77	cps
Indium	115-2	187837	185010	185709	186185	0.79	cps
Iron	56-2	45871	44521	44466	44953	1.77	cps
Iron	57-2	1200	1228	1133	1187	4.09	cps
Krypton	83-1	603	673	650	642	5.55	cps
Lead	206-1	444	494	528	489	8.58	cps
Lead	207-1	394	444	428	422	6.03	cps
Lead	208-1	2406	2361	2478	2415	2.44	cps
Lithium	6-1	215840	216340	216973	216384	0.26	cps
Magnesium	24-2	121484	119752	120272	120503	0.74	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:40:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	713	823	770	769	7.15	cps
Molybdenum	94-1	1008	925	1033	989	5.74	cps
Molybdenum	95-1	892	975	817	895	8.86	cps
Molybdenum	96-1	992	933	1000	975	3.73	cps
Molybdenum	97-1	1167	775	867	936	21.88	cps
Molybdenum	98-1	1100	1450	1350	1300	13.87	cps
Neodymium	150-1	120	113	153	129	16.63	cps
Neodymium	150-2	23	30	33	29	17.63	cps
Nickel	60-2	1040	970	973	994	3.97	cps
Phosphorus	31-2	25	25	0	17	86.60	cps
Potassium	39-2	10930	11647	10896	11158	3.80	cps
Rhodium	103-1	2801510	2813953	2751922	2789128	1.18	cps
Rhodium	103-2	1045227	1036513	1037305	1039682	0.46	cps
Scandium	45-1	1989178	1995182	1990960	1991773	0.15	cps
Scandium	45-2	26859	26158	26869	26629	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-140	-226	-213	-193	-23.95	cps
Silicon	28-1	2933822	2929790	2930026	2931212	0.08	cps
Silver	109-1	825	758	833	806	5.10	cps
Silver	107-1	792	808	842	814	3.13	cps
Sodium	23-2	822222	816472	820441	819712	0.36	cps
Strontium	86-1	43779	42994	43437	43403	0.91	cps
Strontium	88-1	369679	366874	367899	368151	0.39	cps
Sulfur	34-1	308010	304482	300566	304353	1.22	cps
Terbium	159-1	3140855	3180753	3129616	3150408	0.85	cps
Terbium	159-2	929142	921998	925923	925688	0.39	cps
Thallium	203-1	92	58	25	58	57.14	cps
Thallium	205-1	67	75	83	75	11.11	cps
Tin	118-1	433	450	500	461	7.53	cps
Titanium	47-1	1659	1608	1542	1603	3.65	cps
Uranium	238-1	600	792	767	720	14.48	cps
Vanadium	51-2	250	223	197	223	11.94	cps
Yttrium	89-1	3261999	3285083	3256616	3267899	0.46	cps
Yttrium	89-2	156731	153882	157038	155884	1.12	cps
Zinc	66-2	533	523	567	541	4.19	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-05DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW13-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:40:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1000	1258	1408	1222	16.90	cps
Zirconium	91-1	267	317	250	278	12.49	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-07DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:43:35 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	123	80	97	23.47	cps
Antimony	121-1	2175	1817	1859	1950	10.05	cps
Arsenic	75-2	20	24	19	21	13.47	cps
Barium	135-1	225999	225719	225574	225764	0.10	cps
Barium	137-1	397872	393620	392977	394823	0.67	cps
Beryllium	9-1	37	27	30	31	16.37	cps
Bismuth	209-1	1704894	1710190	1695457	1703514	0.44	cps
Bismuth	209-2	665850	669060	665886	666932	0.28	cps
Boron	10-1	2175	2017	2200	2131	4.67	cps
Boron	11-1	11455	11830	11605	11630	1.62	cps
Cadmium	111-1	637	463	700	600	20.42	cps
Cadmium	106-1	833	650	958	814	19.05	cps
Cadmium	108-1	25	42	42	36	26.65	cps
Calcium	43-1	561565	553762	553034	556120	0.85	cps
Calcium	44-1	9134129	9156361	9104471	9131654	0.29	cps
Chromium	52-2	129402	129317	127821	128847	0.69	cps
Cobalt	59-2	11398	11632	11392	11474	1.19	cps
Copper	63-2	4441	4724	4564	4576	3.10	cps
Dysprosium	156-1	125	75	100	100	25.00	cps
Dysprosium	156-2	20	27	20	22	17.33	cps
Erbium	164-1	92	133	67	97	34.64	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	108	67	33	69	54.12	cps
Gadolinium	160-2	10	37	23	23	57.15	cps
Holmium	165-1	2996799	2951865	2976593	2975086	0.76	cps
Holmium	165-2	925645	919279	923750	922892	0.35	cps
Indium	115-1	2804408	2831829	2796594	2810943	0.66	cps
Indium	115-2	186190	184888	185606	185561	0.35	cps
Iron	56-2	3478622	3429401	3485637	3464554	0.88	cps
Iron	57-2	85339	84668	85305	85104	0.44	cps
Krypton	83-1	610	690	600	633	7.79	cps
Lead	206-1	1850	1850	1884	1861	1.03	cps
Lead	207-1	1700	1589	1634	1641	3.41	cps
Lead	208-1	9162	8929	9168	9086	1.50	cps
Lithium	6-1	216401	213911	215487	215266	0.59	cps
Magnesium	24-2	275084	276185	274362	275210	0.33	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:43:35	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1039401	1030490	1037189	1035693	0.45	cps
Molybdenum	94-1	7828	7569	7661	7686	1.70	cps
Molybdenum	95-1	208	292	267	256	16.73	cps
Molybdenum	96-1	1400	1559	1517	1492	5.50	cps
Molybdenum	97-1	583	517	717	606	16.82	cps
Molybdenum	98-1	225	283	317	275	16.87	cps
Neodymium	150-1	60	67	120	82	39.99	cps
Neodymium	150-2	20	20	27	22	17.33	cps
Nickel	60-2	8780	8566	8506	8617	1.67	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	12815	13299	13182	13098	1.93	cps
Rhodium	103-1	2791890	2820968	2792828	2801895	0.59	cps
Rhodium	103-2	1038124	1034158	1041473	1037918	0.35	cps
Scandium	45-1	2012838	2028289	1998872	2013333	0.73	cps
Scandium	45-2	27147	26595	26689	26810	1.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-164	-205	-149	-173	-16.60	cps
Silicon	28-1	6690039	6667657	6660563	6672753	0.23	cps
Silver	109-1	1017	925	942	961	5.08	cps
Silver	107-1	883	1025	1200	1036	15.31	cps
Sodium	23-2	2306497	2342935	2317244	2322225	0.81	cps
Strontium	86-1	94216	95307	93477	94334	0.98	cps
Strontium	88-1	804269	809366	806909	806848	0.32	cps
Sulfur	34-1	291560	283499	283945	286334	1.58	cps
Terbium	159-1	3195779	3160626	3212594	3189666	0.83	cps
Terbium	159-2	937917	932964	941604	937495	0.46	cps
Thallium	203-1	17	17	42	25	57.73	cps
Thallium	205-1	83	100	58	81	26.03	cps
Tin	118-1	700	808	608	706	14.19	cps
Titanium	47-1	283	192	292	256	21.71	cps
Uranium	238-1	92	117	167	125	30.55	cps
Vanadium	51-2	113	143	167	141	18.94	cps
Yttrium	89-1	3268588	3295947	3311867	3292134	0.66	cps
Yttrium	89-2	158181	158501	157611	158098	0.29	cps
Zinc	66-2	753	647	647	682	9.03	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:43:35	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	20800	20708	20892	20800	0.44	cps
Zirconium	91-1	4659	4834	4734	4743	1.85	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-09DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:47:01 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	245	240	236	5.01	cps
Antimony	121-1	1567	1458	1458	1495	4.19	cps
Arsenic	75-2	24	28	19	23	19.87	cps
Barium	135-1	31681	30862	30586	31043	1.83	cps
Barium	137-1	55133	54145	53945	54408	1.17	cps
Beryllium	9-1	63	63	50	59	13.07	cps
Bismuth	209-1	1638626	1698991	1711435	1683017	2.31	cps
Bismuth	209-2	660176	654521	658243	657647	0.44	cps
Boron	10-1	4784	4659	4618	4687	1.85	cps
Boron	11-1	25248	24856	23962	24689	2.67	cps
Cadmium	111-1	791	674	729	731	7.98	cps
Cadmium	106-1	983	800	892	892	10.28	cps
Cadmium	108-1	50	33	29	38	29.40	cps
Calcium	43-1	258808	254321	252676	255268	1.24	cps
Calcium	44-1	4290614	4199140	4203608	4231120	1.22	cps
Chromium	52-2	70735	69452	70791	70326	1.08	cps
Cobalt	59-2	1880	2007	1957	1948	3.28	cps
Copper	63-2	7159	7405	7352	7305	1.78	cps
Dysprosium	156-1	58	92	133	94	39.79	cps
Dysprosium	156-2	30	23	33	29	17.63	cps
Erbium	164-1	117	83	83	94	20.37	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	67	108	108	94	25.47	cps
Gadolinium	160-2	33	30	47	37	24.06	cps
Holmium	165-1	2937108	2932029	2918044	2929060	0.34	cps
Holmium	165-2	900635	895260	903254	899717	0.45	cps
Indium	115-1	2801444	2787662	2790238	2793114	0.26	cps
Indium	115-2	180833	183104	184184	182707	0.94	cps
Iron	56-2	2258722	2201642	2283455	2247940	1.87	cps
Iron	57-2	53419	54144	54407	53990	0.95	cps
Krypton	83-1	693	680	640	671	4.14	cps
Lead	206-1	900	861	956	906	5.24	cps
Lead	207-1	800	783	756	780	2.88	cps
Lead	208-1	4339	4206	4328	4291	1.72	cps
Lithium	6-1	208649	208109	211132	209297	0.77	cps
Magnesium	24-2	143529	144184	142373	143362	0.64	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:47:01	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1326252	1310601	1326122	1320992	0.68	cps
Molybdenum	94-1	11931	10972	11347	11416	4.23	cps
Molybdenum	95-1	625	658	700	661	5.68	cps
Molybdenum	96-1	2284	2417	2475	2392	4.11	cps
Molybdenum	97-1	692	617	842	717	15.99	cps
Molybdenum	98-1	1033	950	942	975	5.20	cps
Neodymium	150-1	47	67	60	58	17.62	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	4918	5084	5004	5002	1.67	cps
Phosphorus	31-2	42	8	8	19	99.00	cps
Potassium	39-2	15401	15768	15776	15648	1.37	cps
Rhodium	103-1	2769035	2786731	2798602	2784789	0.53	cps
Rhodium	103-2	1029032	1026074	1026941	1027349	0.15	cps
Scandium	45-1	1985311	1963577	1992505	1980465	0.76	cps
Scandium	45-2	26068	25881	26201	26050	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-211	-239	-222	-224	-6.46	cps
Silicon	28-1	4113376	4053926	4020970	4062757	1.15	cps
Silver	109-1	633	717	633	661	7.28	cps
Silver	107-1	883	600	592	692	24.01	cps
Sodium	23-2	2806608	2761548	2762070	2776742	0.93	cps
Strontium	86-1	80814	78954	77964	79244	1.83	cps
Strontium	88-1	669226	661768	660913	663969	0.69	cps
Sulfur	34-1	302367	294104	294389	296953	1.58	cps
Terbium	159-1	3151976	3112132	3102715	3122274	0.84	cps
Terbium	159-2	918926	914461	915486	916291	0.26	cps
Thallium	203-1	67	67	75	69	6.93	cps
Thallium	205-1	83	142	67	97	40.51	cps
Tin	118-1	942	908	942	931	2.07	cps
Titanium	47-1	383	292	350	342	13.58	cps
Uranium	238-1	500	383	350	411	19.16	cps
Vanadium	51-2	90	40	77	69	37.58	cps
Yttrium	89-1	3308939	3196100	3248364	3251134	1.74	cps
Yttrium	89-2	154117	154338	155272	154576	0.40	cps
Zinc	66-2	1013	1010	1103	1042	5.08	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:47:01	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	31162	30076	30644	30627	1.77	cps
Zirconium	91-1	7127	7019	6652	6933	3.59	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:50:27 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	88	83	88	5.71	cps
Antimony	121-1	1283	1317	1350	1317	2.53	cps
Arsenic	75-2	22	9	20	17	40.56	cps
Barium	135-1	24440	24615	24098	24384	1.08	cps
Barium	137-1	41843	43055	41917	42271	1.61	cps
Beryllium	9-1	20	20	20	20	0.00	cps
Bismuth	209-1	1730594	1714336	1727885	1724272	0.51	cps
Bismuth	209-2	666900	655286	665136	662441	0.94	cps
Boron	10-1	792	708	650	717	9.93	cps
Boron	11-1	4267	4067	4142	4159	2.43	cps
Cadmium	111-1	495	620	592	569	11.56	cps
Cadmium	106-1	642	783	767	731	10.60	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	175577	175726	174015	175106	0.54	cps
Calcium	44-1	2978105	2965790	2978030	2973975	0.24	cps
Chromium	52-2	298381	301592	298426	299466	0.61	cps
Cobalt	59-2	170	160	177	169	4.97	cps
Copper	63-2	1127	1203	1170	1167	3.30	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	2922253	2915913	2894316	2910827	0.50	cps
Holmium	165-2	894122	889840	896621	893528	0.38	cps
Indium	115-1	2781996	2763901	2787344	2777747	0.44	cps
Indium	115-2	184461	181052	182677	182730	0.93	cps
Iron	56-2	7319	7374	7769	7487	3.28	cps
Iron	57-2	206	189	222	206	8.11	cps
Krypton	83-1	583	693	683	653	9.31	cps
Lead	206-1	417	328	367	370	12.03	cps
Lead	207-1	300	300	317	306	3.15	cps
Lead	208-1	1828	1645	1750	1741	5.29	cps
Lithium	6-1	208101	211349	208896	209449	0.81	cps
Magnesium	24-2	84963	83554	85541	84686	1.21	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:50:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15202	15943	15692	15612	2.41	cps
Molybdenum	94-1	83	308	192	194	57.87	cps
Molybdenum	95-1	217	192	183	197	8.80	cps
Molybdenum	96-1	292	342	283	306	10.33	cps
Molybdenum	97-1	508	583	542	544	6.90	cps
Molybdenum	98-1	283	292	258	278	6.24	cps
Neodymium	150-1	0	33	20	18	94.37	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	237	213	257	236	9.21	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	8545	9745	9270	9187	6.58	cps
Rhodium	103-1	2794027	2757810	2797601	2783146	0.79	cps
Rhodium	103-2	1031451	1024090	1029286	1028275	0.37	cps
Scandium	45-1	1969243	1971928	1950844	1964005	0.58	cps
Scandium	45-2	25891	25620	26118	25876	0.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-159	-197	-240	-199	-20.53	cps
Silicon	28-1	2349646	2372614	2345559	2355940	0.62	cps
Silver	109-1	383	358	358	367	3.94	cps
Silver	107-1	333	258	358	317	16.43	cps
Sodium	23-2	857263	840008	851129	849467	1.03	cps
Strontium	86-1	31087	31871	30894	31284	1.65	cps
Strontium	88-1	265250	264479	262311	264014	0.58	cps
Sulfur	34-1	307229	305238	304723	305730	0.43	cps
Terbium	159-1	3135602	3080657	3109543	3108601	0.88	cps
Terbium	159-2	908996	907781	910099	908959	0.13	cps
Thallium	203-1	33	33	25	31	15.75	cps
Thallium	205-1	67	58	92	72	24.02	cps
Tin	118-1	367	467	400	411	12.39	cps
Titanium	47-1	192	125	233	183	29.81	cps
Uranium	238-1	542	392	425	453	17.40	cps
Vanadium	51-2	100	127	120	116	12.01	cps
Yttrium	89-1	3249037	3276603	3217621	3247754	0.91	cps
Yttrium	89-2	153809	152495	152717	153007	0.46	cps
Zinc	66-2	290	317	317	308	5.00	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:50:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	258	267	236	19.44	cps
Zirconium	91-1	100	50	33	61	56.78	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-13DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 17:53:54 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2636	2663	2653	2651	0.53	cps
Antimony	121-1	1825	1817	1692	1778	4.20	cps
Arsenic	75-2	39	57	43	46	21.17	cps
Barium	135-1	24048	24156	24991	24398	2.12	cps
Barium	137-1	42695	42127	43255	42692	1.32	cps
Beryllium	9-1	47	73	57	59	22.87	cps
Bismuth	209-1	1600192	1600811	1591694	1597566	0.32	cps
Bismuth	209-2	637960	641308	640823	640031	0.28	cps
Boron	10-1	4618	5176	4809	4868	5.83	cps
Boron	11-1	25732	25916	26484	26044	1.50	cps
Cadmium	111-1	970	908	1136	1005	11.74	cps
Cadmium	106-1	833	750	1008	864	15.26	cps
Cadmium	108-1	54	25	58	46	39.63	cps
Calcium	43-1	196618	193411	192932	194320	1.03	cps
Calcium	44-1	3288532	3297988	3252410	3279643	0.73	cps
Chromium	52-2	446167	438045	440905	441705	0.93	cps
Cobalt	59-2	7302	7359	7229	7296	0.89	cps
Copper	63-2	132582	132078	133763	132808	0.65	cps
Dysprosium	156-1	2059	1842	2050	1984	6.19	cps
Dysprosium	156-2	793	703	730	742	6.23	cps
Erbium	164-1	1892	1875	1792	1853	2.89	cps
Erbium	164-2	580	547	503	543	7.08	cps
Gadolinium	160-1	2217	2317	2175	2236	3.26	cps
Gadolinium	160-2	963	953	997	971	2.34	cps
Holmium	165-1	2970569	2968361	2963359	2967430	0.12	cps
Holmium	165-2	905080	899830	901521	902144	0.30	cps
Indium	115-1	2725471	2757855	2754656	2745994	0.65	cps
Indium	115-2	180488	181362	178874	180241	0.70	cps
Iron	56-2	3261793	3286644	3237413	3261950	0.75	cps
Iron	57-2	80073	79024	79487	79528	0.66	cps
Krypton	83-1	553	657	670	627	10.19	cps
Lead	206-1	1211	1211	1233	1219	1.05	cps
Lead	207-1	1056	889	895	946	10.00	cps
Lead	208-1	5445	5278	5295	5339	1.72	cps
Lithium	6-1	198107	194047	196562	196239	1.04	cps
Magnesium	24-2	132026	134171	134767	133655	1.08	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:53:54	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	765560	763761	759079	762800	0.44	cps
Molybdenum	94-1	8303	8687	8661	8550	2.51	cps
Molybdenum	95-1	4092	4034	3934	4020	1.99	cps
Molybdenum	96-1	5310	5310	5376	5332	0.72	cps
Molybdenum	97-1	2875	3159	2900	2978	5.27	cps
Molybdenum	98-1	6243	6010	6310	6188	2.55	cps
Neodymium	150-1	2060	1914	2227	2067	7.59	cps
Neodymium	150-2	493	433	460	462	6.50	cps
Nickel	60-2	7355	7189	7039	7194	2.20	cps
Phosphorus	31-2	125	83	42	83	50.00	cps
Potassium	39-2	21584	22285	21759	21876	1.67	cps
Rhodium	103-1	2681334	2697811	2687848	2688997	0.31	cps
Rhodium	103-2	1011724	1009026	1010180	1010310	0.13	cps
Scandium	45-1	1980667	1985514	1961324	1975835	0.65	cps
Scandium	45-2	26208	26943	26869	26673	1.52	cps
Selenium	77-2	20	13	0	11	91.66	cps
Selenium	78-2	6	9	2	6	66.68	cps
Selenium	82-1	202	158	170	177	12.96	cps
Silicon	28-1	5478940	5482851	5423664	5461818	0.61	cps
Silver	109-1	21092	20533	20792	20806	1.34	cps
Silver	107-1	22286	21810	21819	21972	1.24	cps
Sodium	23-2	13494970	13695658	13537186	13575938	0.78	cps
Strontium	86-1	50661	50127	50745	50511	0.66	cps
Strontium	88-1	432165	426730	430911	429935	0.66	cps
Sulfur	34-1	316227	313299	310093	313206	0.98	cps
Terbium	159-1	3131752	3107397	3105746	3114965	0.47	cps
Terbium	159-2	915450	919581	919645	918225	0.26	cps
Thallium	203-1	25	33	17	25	33.32	cps
Thallium	205-1	83	58	67	69	18.33	cps
Tin	118-1	900	917	750	856	10.73	cps
Titanium	47-1	2517	2617	2800	2645	5.43	cps
Uranium	238-1	1117	1058	1075	1083	2.77	cps
Vanadium	51-2	313	313	317	314	0.61	cps
Yttrium	89-1	3292692	3272071	3284875	3283213	0.32	cps
Yttrium	89-2	157219	155676	154412	155769	0.90	cps
Zinc	66-2	1470	1407	1423	1433	2.29	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 17:53:54	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16903	17437	18180	17506	3.66	cps
Zirconium	91-1	3859	4184	3742	3929	5.83	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCV24 Instrumnet Name : P8
 Client Sample ID : CCV24 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 18:08:08 DataFile Name : 064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351446	350284	349041	350257	0.34	cps
Antimony	121-1	2083140	2057026	2062332	2067499	0.67	cps
Arsenic	75-2	51165	51005	50484	50885	0.70	cps
Barium	135-1	2021091	1991379	1985465	1999312	0.95	cps
Barium	137-1	3449149	3424733	3408363	3427415	0.60	cps
Beryllium	9-1	252510	250240	254963	252571	0.94	cps
Bismuth	209-1	1559146	1553259	1536749	1549718	0.75	cps
Bismuth	209-2	695966	698563	699387	697972	0.26	cps
Boron	10-1	36171	36623	37040	36611	1.19	cps
Boron	11-1	183327	186670	189515	186504	1.66	cps
Cadmium	111-1	448263	448578	446314	447719	0.27	cps
Cadmium	106-1	48522	46949	47777	47750	1.65	cps
Cadmium	108-1	33233	33083	32552	32956	1.09	cps
Calcium	43-1	2983336	2962933	3012126	2986131	0.83	cps
Calcium	44-1	47490396	47609021	47929559	47676325	0.48	cps
Chromium	52-2	393351	392748	392849	392983	0.08	cps
Cobalt	59-2	759302	754988	758414	757568	0.30	cps
Copper	63-2	1238907	1239733	1237262	1238634	0.10	cps
Dysprosium	156-1	58	58	33	50	28.88	cps
Dysprosium	156-2	0	23	7	10	120.16	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	0	10	13	8	89.21	cps
Holmium	165-1	2935368	2872567	2879962	2895965	1.19	cps
Holmium	165-2	996318	999507	993847	996558	0.28	cps
Indium	115-1	2793782	2731040	2743324	2756049	1.21	cps
Indium	115-2	206016	205644	205130	205597	0.22	cps
Iron	56-2	67406400	66876763	67102989	67128717	0.40	cps
Iron	57-2	1702646	1720439	1704918	1709334	0.57	cps
Krypton	83-1	580	613	563	586	4.35	cps
Lead	206-1	877809	872260	856407	868825	1.28	cps
Lead	207-1	784426	778767	771423	778205	0.84	cps
Lead	208-1	4392541	4394444	4322108	4369698	0.94	cps
Lithium	6-1	229745	228845	232267	230286	0.77	cps
Magnesium	24-2	7715842	7643224	7602530	7653865	0.75	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:08:08	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	236972	237436	237672	237360	0.15	cps
Molybdenum	94-1	3914217	3917162	3940195	3923858	0.36	cps
Molybdenum	95-1	4874841	4925054	4867636	4889177	0.64	cps
Molybdenum	96-1	5423137	5350464	5411588	5395063	0.72	cps
Molybdenum	97-1	2953376	2944580	3006177	2968044	1.12	cps
Molybdenum	98-1	7737822	7666628	7691649	7698699	0.47	cps
Neodymium	150-1	67	80	100	82	20.40	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	224032	220473	222794	222433	0.81	cps
Phosphorus	31-2	5735	5685	5776	5732	0.80	cps
Potassium	39-2	2368883	2363410	2324498	2352264	1.03	cps
Rhodium	103-1	2772130	2774048	2771609	2772596	0.05	cps
Rhodium	103-2	1089713	1094187	1079851	1087917	0.67	cps
Scandium	45-1	2346784	2328706	2352635	2342708	0.53	cps
Scandium	45-2	32521	32641	32895	32686	0.58	cps
Selenium	77-2	380	357	330	356	7.04	cps
Selenium	78-2	1348	1248	1274	1290	4.02	cps
Selenium	82-1	34354	33827	33975	34052	0.80	cps
Silicon	28-1	1428020	1445233	1462433	1445229	1.19	cps
Silver	109-1	2179571	2154525	2151044	2161713	0.72	cps
Silver	107-1	2302860	2302264	2301427	2302183	0.03	cps
Sodium	23-2	17397355	17370560	17303152	17357022	0.28	cps
Strontium	86-1	606704	601447	604890	604347	0.44	cps
Strontium	88-1	5198667	5301790	5270872	5257110	1.01	cps
Sulfur	34-1	540289	546514	545371	544058	0.61	cps
Terbium	159-1	3126725	3162924	3045495	3111715	1.93	cps
Terbium	159-2	1022475	1021142	1024524	1022714	0.17	cps
Thallium	203-1	1077018	1071027	1072661	1073569	0.29	cps
Thallium	205-1	2723462	2703230	2665215	2697302	1.10	cps
Tin	118-1	1367901	1336974	1344140	1349672	1.20	cps
Titanium	47-1	1578252	1561722	1566856	1568943	0.54	cps
Uranium	238-1	3357194	3344898	3284681	3328924	1.17	cps
Vanadium	51-2	288971	289206	290916	289698	0.37	cps
Yttrium	89-1	3439063	3385078	3371196	3398445	1.06	cps
Yttrium	89-2	180508	180438	180856	180601	0.12	cps
Zinc	66-2	134235	134443	134575	134418	0.13	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:08:08	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3336219	3301432	3313611	3317087	0.53	cps
Zirconium	91-1	711561	709923	705041	708842	0.48	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 18:13:25 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	50	65	65	23.08	cps
Antimony	121-1	608	750	692	683	10.42	cps
Arsenic	75-2	15	9	4	9	60.04	cps
Barium	135-1	42	17	33	31	41.65	cps
Barium	137-1	25	33	8	22	57.29	cps
Beryllium	9-1	33	40	40	38	10.19	cps
Bismuth	209-1	1705005	1630675	1615280	1650320	2.91	cps
Bismuth	209-2	728492	731082	731834	730469	0.24	cps
Boron	10-1	483	458	400	447	9.56	cps
Boron	11-1	2409	2250	2117	2259	6.47	cps
Cadmium	111-1	584	421	525	510	16.17	cps
Cadmium	106-1	825	600	767	731	15.98	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	260	280	300	280	7.14	cps
Calcium	44-1	62264	61899	61899	62020	0.34	cps
Chromium	52-2	2037	1913	1807	1919	6.00	cps
Cobalt	59-2	70	110	80	87	24.02	cps
Copper	63-2	240	200	243	228	10.59	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	2867282	2839910	2871316	2859503	0.60	cps
Holmium	165-2	986346	984158	988962	986489	0.24	cps
Indium	115-1	2830710	2812412	2884002	2842375	1.31	cps
Indium	115-2	207735	210135	209946	209272	0.64	cps
Iron	56-2	5029	5590	5179	5266	5.52	cps
Iron	57-2	144	183	156	161	12.43	cps
Krypton	83-1	650	573	637	620	6.61	cps
Lead	206-1	694	806	811	770	8.54	cps
Lead	207-1	617	678	606	633	6.14	cps
Lead	208-1	3528	3634	3600	3587	1.50	cps
Lithium	6-1	231747	232849	232054	232217	0.24	cps
Magnesium	24-2	350	417	325	364	13.02	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:13:25	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	100	127	118	13.07	cps
Molybdenum	94-1	300	350	250	300	16.67	cps
Molybdenum	95-1	200	192	308	233	27.89	cps
Molybdenum	96-1	242	275	283	267	8.27	cps
Molybdenum	97-1	500	425	350	425	17.65	cps
Molybdenum	98-1	250	442	317	336	28.95	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	90	83	90	7.41	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	5718	5760	5535	5671	2.11	cps
Rhodium	103-1	2897163	2937944	2935453	2923520	0.78	cps
Rhodium	103-2	1139099	1132832	1134976	1135636	0.28	cps
Scandium	45-1	2266045	2284858	2253549	2268151	0.69	cps
Scandium	45-2	30660	31078	31178	30972	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-183	-124	-213	-174	-26.18	cps
Silicon	28-1	213855	212500	213146	213167	0.32	cps
Silver	109-1	142	175	108	142	23.53	cps
Silver	107-1	200	167	192	186	9.32	cps
Sodium	23-2	20415	20298	18980	19898	4.01	cps
Strontium	86-1	667	708	725	700	4.29	cps
Strontium	88-1	75	83	58	72	17.62	cps
Sulfur	34-1	362813	365650	360343	362935	0.73	cps
Terbium	159-1	3055558	3110924	3065773	3077418	0.96	cps
Terbium	159-2	1016004	1011553	1016609	1014722	0.27	cps
Thallium	203-1	333	208	300	281	23.07	cps
Thallium	205-1	608	642	608	619	3.11	cps
Tin	118-1	275	292	258	275	6.06	cps
Titanium	47-1	125	108	100	111	11.46	cps
Uranium	238-1	17	33	33	28	34.63	cps
Vanadium	51-2	17	13	20	17	20.01	cps
Yttrium	89-1	3340730	3413337	3370206	3374758	1.08	cps
Yttrium	89-2	176167	174435	176471	175691	0.63	cps
Zinc	66-2	57	57	73	62	15.47	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:13:25	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	250	150	222	28.39	cps
Zirconium	91-1	83	58	92	78	22.30	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:16:53	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	48	93	62	43.35	cps
Antimony	121-1	1225	1142	1058	1142	7.30	cps
Arsenic	75-2	24	7	20	17	50.62	cps
Barium	135-1	23488	23430	23230	23383	0.58	cps
Barium	137-1	40547	39636	41031	40405	1.75	cps
Beryllium	9-1	30	23	30	28	13.86	cps
Bismuth	209-1	1594642	1593378	1597097	1595039	0.12	cps
Bismuth	209-2	668226	667852	668895	668324	0.08	cps
Boron	10-1	850	650	750	750	13.33	cps
Boron	11-1	4009	3709	3684	3801	4.76	cps
Cadmium	111-1	475	455	550	493	10.09	cps
Cadmium	106-1	667	625	750	681	9.35	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	175908	172736	172703	173783	1.06	cps
Calcium	44-1	2961985	2891862	2939946	2931264	1.22	cps
Chromium	52-2	279444	281719	278602	279922	0.58	cps
Cobalt	59-2	53	93	100	82	30.70	cps
Copper	63-2	1427	1380	1340	1382	3.14	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	2823827	2828035	2822413	2824758	0.10	cps
Holmium	165-2	914116	906176	912209	910834	0.46	cps
Indium	115-1	2786000	2773993	2786242	2782078	0.25	cps
Indium	115-2	190268	188434	187228	188643	0.81	cps
Iron	56-2	5585	5101	5196	5294	4.84	cps
Iron	57-2	211	172	150	178	17.40	cps
Krypton	83-1	677	690	563	643	10.82	cps
Lead	206-1	650	389	417	485	29.56	cps
Lead	207-1	394	472	428	432	9.04	cps
Lead	208-1	2356	2306	2078	2246	6.59	cps
Lithium	6-1	204441	197955	199205	200534	1.72	cps
Magnesium	24-2	98977	98004	97155	98045	0.93	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-15DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:16:53 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	123	170	148	15.84	cps
Molybdenum	94-1	225	258	217	233	9.45	cps
Molybdenum	95-1	200	217	300	239	22.43	cps
Molybdenum	96-1	325	333	317	325	2.56	cps
Molybdenum	97-1	417	392	508	439	14.00	cps
Molybdenum	98-1	292	233	292	272	12.37	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	233	243	237	2.44	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	9662	9679	9637	9659	0.22	cps
Rhodium	103-1	2767722	2732401	2764387	2754837	0.71	cps
Rhodium	103-2	1040931	1041301	1033684	1038639	0.41	cps
Scandium	45-1	2089354	2044484	2027749	2053862	1.55	cps
Scandium	45-2	27080	26836	26966	26961	0.45	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-280	-251	-116	-216	-40.47	cps
Silicon	28-1	2569360	2523903	2491453	2528239	1.55	cps
Silver	109-1	1283	1525	1450	1420	8.72	cps
Silver	107-1	1542	1450	1684	1559	7.54	cps
Sodium	23-2	927347	922458	919015	922940	0.45	cps
Strontium	86-1	37887	36767	36249	36968	2.26	cps
Strontium	88-1	310484	310592	305226	308767	0.99	cps
Sulfur	34-1	341888	333020	332447	335785	1.58	cps
Terbium	159-1	3039627	3062968	3004108	3035568	0.98	cps
Terbium	159-2	933784	926165	916644	925531	0.93	cps
Thallium	203-1	575	467	525	522	10.38	cps
Thallium	205-1	1517	1075	808	1133	31.57	cps
Tin	118-1	433	408	317	386	15.91	cps
Titanium	47-1	100	133	167	133	25.00	cps
Uranium	238-1	575	717	750	681	13.65	cps
Vanadium	51-2	183	207	167	186	10.83	cps
Yttrium	89-1	3242882	3234511	3217305	3231566	0.40	cps
Yttrium	89-2	158151	156785	157085	157340	0.46	cps
Zinc	66-2	270	187	220	226	18.60	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:16:53	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	233	308	275	13.89	cps
Zirconium	91-1	100	17	83	67	66.14	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:20:20 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	878	728	790	799	9.44	cps
Antimony	121-1	925	1033	942	967	6.03	cps
Arsenic	75-2	35	28	37	33	14.70	cps
Barium	135-1	3526	3434	3317	3426	3.05	cps
Barium	137-1	6193	6127	6077	6132	0.95	cps
Beryllium	9-1	33	30	47	37	24.06	cps
Bismuth	209-1	1673946	1684597	1706886	1688476	1.00	cps
Bismuth	209-2	663303	661994	666439	663912	0.34	cps
Boron	10-1	3284	3117	3359	3253	3.80	cps
Boron	11-1	17228	16961	16393	16861	2.53	cps
Cadmium	111-1	511	504	571	529	7.02	cps
Cadmium	106-1	658	633	742	678	8.37	cps
Cadmium	108-1	42	21	21	28	43.32	cps
Calcium	43-1	59033	58702	58903	58879	0.28	cps
Calcium	44-1	1017613	1003284	1006156	1009018	0.75	cps
Chromium	52-2	124881	125386	124323	124863	0.43	cps
Cobalt	59-2	5234	5151	5038	5141	1.92	cps
Copper	63-2	19127	19000	18763	18963	0.97	cps
Dysprosium	156-1	367	425	342	378	11.32	cps
Dysprosium	156-2	157	107	97	120	26.79	cps
Erbium	164-1	433	308	392	378	16.85	cps
Erbium	164-2	193	183	143	173	15.26	cps
Gadolinium	160-1	383	333	317	344	10.07	cps
Gadolinium	160-2	183	197	173	184	6.35	cps
Holmium	165-1	2869272	2881647	2866216	2872378	0.28	cps
Holmium	165-2	898515	898820	907873	901736	0.59	cps
Indium	115-1	2769866	2755896	2761202	2762321	0.26	cps
Indium	115-2	183797	183658	185522	184326	0.56	cps
Iron	56-2	5769446	5727073	5803695	5766738	0.67	cps
Iron	57-2	141147	141539	144244	142310	1.18	cps
Krypton	83-1	623	660	627	637	3.18	cps
Lead	206-1	1289	1111	1211	1204	7.40	cps
Lead	207-1	833	811	878	841	4.04	cps
Lead	208-1	5312	4867	5573	5251	6.80	cps
Lithium	6-1	201135	199579	198365	199693	0.70	cps
Magnesium	24-2	39957	40041	40074	40024	0.15	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:20:20	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	866764	865448	865535	865916	0.09	cps
Molybdenum	94-1	9362	9479	9295	9379	0.99	cps
Molybdenum	95-1	908	1142	875	975	14.90	cps
Molybdenum	96-1	2759	2134	2292	2395	13.57	cps
Molybdenum	97-1	967	783	875	875	10.48	cps
Molybdenum	98-1	1592	1483	1575	1550	3.76	cps
Neodymium	150-1	500	447	580	509	13.19	cps
Neodymium	150-2	83	133	137	118	25.36	cps
Nickel	60-2	4397	4481	4568	4482	1.90	cps
Phosphorus	31-2	75	100	117	97	21.57	cps
Potassium	39-2	41354	39590	40518	40487	2.18	cps
Rhodium	103-1	2769087	2742636	2772755	2761493	0.60	cps
Rhodium	103-2	1023241	1032576	1030870	1028896	0.48	cps
Scandium	45-1	1994321	1976749	1987836	1986302	0.45	cps
Scandium	45-2	26405	27066	26221	26564	1.67	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-230	-267	-219	-239	-10.63	cps
Silicon	28-1	2854304	2826467	2834377	2838382	0.51	cps
Silver	109-1	4551	4009	3967	4176	7.80	cps
Silver	107-1	4376	4584	4526	4495	2.39	cps
Sodium	23-2	2816114	2795997	2813785	2808632	0.39	cps
Strontium	86-1	54309	52845	52402	53185	1.88	cps
Strontium	88-1	450974	453221	446345	450180	0.78	cps
Sulfur	34-1	324807	316789	314998	318865	1.64	cps
Terbium	159-1	3099221	3058794	3023750	3060588	1.23	cps
Terbium	159-2	912141	921410	918907	917486	0.52	cps
Thallium	203-1	175	158	142	158	10.53	cps
Thallium	205-1	358	333	325	339	5.12	cps
Tin	118-1	808	883	867	853	4.62	cps
Titanium	47-1	458	425	342	408	14.72	cps
Uranium	238-1	100	133	92	108	20.35	cps
Vanadium	51-2	130	120	93	114	16.56	cps
Yttrium	89-1	3263107	3248235	3199455	3236932	1.03	cps
Yttrium	89-2	153977	155369	155973	155106	0.66	cps
Zinc	66-2	1937	2070	1957	1988	3.62	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:20:20	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24431	24014	24005	24150	1.01	cps
Zirconium	91-1	5426	5401	5293	5374	1.32	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:23:47 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2586	2378	2283	2416	6.41	cps
Antimony	121-1	1275	1542	1400	1406	9.49	cps
Arsenic	75-2	56	41	43	46	17.44	cps
Barium	135-1	1884	1875	2192	1984	9.10	cps
Barium	137-1	3126	3126	3176	3142	0.92	cps
Beryllium	9-1	20	23	30	24	20.83	cps
Bismuth	209-1	1609134	1615302	1678772	1634403	2.36	cps
Bismuth	209-2	666376	657257	657241	660291	0.80	cps
Boron	10-1	725	717	708	717	1.16	cps
Boron	11-1	3634	3734	3934	3767	4.06	cps
Cadmium	111-1	580	548	565	564	2.85	cps
Cadmium	106-1	758	700	742	733	4.10	cps
Cadmium	108-1	38	25	13	25	50.00	cps
Calcium	43-1	8886	8986	9216	9030	1.88	cps
Calcium	44-1	195504	193707	193049	194087	0.65	cps
Chromium	52-2	850535	855386	853676	853199	0.29	cps
Cobalt	59-2	277	370	350	332	14.79	cps
Copper	63-2	50237	51100	50813	50717	0.87	cps
Dysprosium	156-1	300	392	392	361	14.66	cps
Dysprosium	156-2	130	120	113	121	6.92	cps
Erbium	164-1	383	417	333	378	11.10	cps
Erbium	164-2	130	97	97	108	17.85	cps
Gadolinium	160-1	283	375	292	317	16.01	cps
Gadolinium	160-2	133	170	163	156	12.55	cps
Holmium	165-1	2860985	2907181	2922470	2896879	1.11	cps
Holmium	165-2	902157	894983	904020	900386	0.53	cps
Indium	115-1	2754004	2778090	2737099	2756398	0.75	cps
Indium	115-2	180170	182205	183274	181883	0.87	cps
Iron	56-2	109936	109835	111643	110472	0.92	cps
Iron	57-2	2767	2734	3039	2847	5.89	cps
Krypton	83-1	640	680	637	652	3.70	cps
Lead	206-1	800	889	761	817	8.02	cps
Lead	207-1	661	667	622	650	3.73	cps
Lead	208-1	4045	3939	3773	3919	3.50	cps
Lithium	6-1	200604	201037	203963	201868	0.91	cps
Magnesium	24-2	10554	11030	10780	10788	2.20	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:23:47 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4334	4521	4334	4396	2.45	cps
Molybdenum	94-1	6885	7619	7469	7325	5.29	cps
Molybdenum	95-1	883	1050	975	970	8.61	cps
Molybdenum	96-1	2200	1950	2134	2095	6.18	cps
Molybdenum	97-1	1000	992	958	983	2.24	cps
Molybdenum	98-1	1559	1759	1550	1622	7.27	cps
Neodymium	150-1	360	407	460	409	12.24	cps
Neodymium	150-2	83	90	87	87	3.84	cps
Nickel	60-2	1610	1453	1490	1518	5.40	cps
Phosphorus	31-2	75	67	42	61	28.38	cps
Potassium	39-2	6910	7119	6944	6991	1.60	cps
Rhodium	103-1	2721292	2725148	2802656	2749699	1.67	cps
Rhodium	103-2	1030985	1032274	1039516	1034258	0.44	cps
Scandium	45-1	1993991	1938719	1950042	1960918	1.49	cps
Scandium	45-2	25954	26398	26158	26170	0.85	cps
Selenium	77-2	17	3	0	7	132.33	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-130	-174	-105	-136	-25.72	cps
Silicon	28-1	804073	789798	784265	792712	1.29	cps
Silver	109-1	15960	17237	16085	16427	4.28	cps
Silver	107-1	17579	18138	17445	17721	2.07	cps
Sodium	23-2	4080076	4021675	4069866	4057206	0.77	cps
Strontium	86-1	4684	4826	4509	4673	3.40	cps
Strontium	88-1	32315	31587	31972	31958	1.14	cps
Sulfur	34-1	288185	277117	274895	280066	2.54	cps
Terbium	159-1	3056421	3092468	3093666	3080852	0.69	cps
Terbium	159-2	911709	912134	924392	916078	0.79	cps
Thallium	203-1	75	67	83	75	11.11	cps
Thallium	205-1	192	225	183	200	11.02	cps
Tin	118-1	800	625	592	672	16.65	cps
Titanium	47-1	375	475	433	428	11.74	cps
Uranium	238-1	633	667	717	672	6.24	cps
Vanadium	51-2	357	383	303	348	11.71	cps
Yttrium	89-1	3226705	3200563	3173283	3200184	0.83	cps
Yttrium	89-2	154539	154405	153721	154222	0.28	cps
Zinc	66-2	497	507	387	463	14.37	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:23:47	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18004	18730	18396	18377	1.98	cps
Zirconium	91-1	4051	4126	3926	4034	2.51	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:27:15 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	170	123	140	18.65	cps
Antimony	121-1	1542	1500	1600	1547	3.25	cps
Arsenic	75-2	6	19	7	10	66.78	cps
Barium	135-1	27379	27154	26987	27173	0.73	cps
Barium	137-1	47611	47871	47026	47503	0.91	cps
Beryllium	9-1	37	27	27	30	19.24	cps
Bismuth	209-1	1657811	1682777	1617634	1652741	1.99	cps
Bismuth	209-2	655229	649579	645738	650182	0.73	cps
Boron	10-1	692	992	750	811	19.61	cps
Boron	11-1	3692	3742	3834	3756	1.91	cps
Cadmium	111-1	573	564	544	560	2.63	cps
Cadmium	106-1	800	792	742	778	4.06	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	187441	184425	183595	185154	1.09	cps
Calcium	44-1	3099523	3134396	3082405	3105441	0.85	cps
Chromium	52-2	275428	272051	276197	274559	0.80	cps
Cobalt	59-2	77	97	123	99	23.68	cps
Copper	63-2	1010	1217	1300	1176	12.70	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	67	8	36	81.06	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	67	0	17	28	124.89	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	2876514	2889216	2852003	2872578	0.66	cps
Holmium	165-2	886387	881412	877587	881795	0.50	cps
Indium	115-1	2718559	2711931	2744994	2725161	0.64	cps
Indium	115-2	178934	180284	183329	180849	1.24	cps
Iron	56-2	12034	12017	11883	11978	0.69	cps
Iron	57-2	328	350	278	319	11.61	cps
Krypton	83-1	587	637	600	608	4.26	cps
Lead	206-1	283	367	383	344	15.55	cps
Lead	207-1	328	344	344	339	2.84	cps
Lead	208-1	1711	1811	1867	1796	4.39	cps
Lithium	6-1	204426	202580	203453	203486	0.45	cps
Magnesium	24-2	84526	83814	87008	85116	1.97	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:27:15 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	910	1003	967	960	4.90	cps
Molybdenum	94-1	567	692	792	683	16.50	cps
Molybdenum	95-1	925	1075	775	925	16.22	cps
Molybdenum	96-1	992	1142	1108	1081	7.29	cps
Molybdenum	97-1	800	1258	1117	1058	22.17	cps
Molybdenum	98-1	1517	1392	1375	1428	5.42	cps
Neodymium	150-1	13	0	33	16	107.86	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	350	387	367	368	4.99	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	10771	10729	11180	10894	2.28	cps
Rhodium	103-1	2704815	2747951	2741698	2731488	0.85	cps
Rhodium	103-2	1013633	999417	1012688	1008579	0.79	cps
Scandium	45-1	1937622	1927819	1958004	1941148	0.79	cps
Scandium	45-2	25871	25624	25503	25666	0.73	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	2	6	6	66.68	cps
Selenium	82-1	-148	-175	-158	-160	-8.37	cps
Silicon	28-1	2878236	2805974	2788973	2824394	1.68	cps
Silver	109-1	742	892	833	822	9.20	cps
Silver	107-1	742	617	817	725	13.94	cps
Sodium	23-2	1072713	1099385	1080439	1084179	1.27	cps
Strontium	86-1	30468	32506	31112	31362	3.32	cps
Strontium	88-1	260846	262963	260226	261345	0.55	cps
Sulfur	34-1	283705	280916	275429	280016	1.50	cps
Terbium	159-1	3047285	3066711	3062580	3058859	0.33	cps
Terbium	159-2	906575	887745	901469	898596	1.08	cps
Thallium	203-1	67	100	83	83	20.00	cps
Thallium	205-1	175	125	150	150	16.67	cps
Tin	118-1	408	450	550	469	15.51	cps
Titanium	47-1	250	242	317	269	15.26	cps
Uranium	238-1	375	383	383	381	1.27	cps
Vanadium	51-2	130	200	177	169	21.11	cps
Yttrium	89-1	3159342	3152445	3153356	3155048	0.12	cps
Yttrium	89-2	150360	149556	151452	150456	0.63	cps
Zinc	66-2	367	293	313	324	11.68	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:27:15	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	250	283	278	9.16	cps
Zirconium	91-1	92	58	0	50	92.79	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23DLX5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 18:30:42 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	105	58	86	29.17	cps
Antimony	121-1	1100	1042	1075	1072	2.73	cps
Arsenic	75-2	22	31	26	27	17.56	cps
Barium	135-1	4951	4793	4851	4865	1.65	cps
Barium	137-1	7302	8545	8570	8139	8.90	cps
Beryllium	9-1	27	27	17	23	24.74	cps
Bismuth	209-1	1689297	1600163	1636603	1642021	2.73	cps
Bismuth	209-2	648090	638081	635675	640616	1.03	cps
Boron	10-1	17403	17586	17653	17548	0.74	cps
Boron	11-1	93413	89378	91971	91587	2.23	cps
Cadmium	111-1	519	437	464	474	8.84	cps
Cadmium	106-1	708	617	633	653	7.48	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	96233	94525	95216	95325	0.90	cps
Calcium	44-1	1660486	1641417	1652225	1651376	0.58	cps
Chromium	52-2	6208	6282	6068	6186	1.75	cps
Cobalt	59-2	337	317	300	318	5.78	cps
Copper	63-2	3781	3774	3777	3777	0.09	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	2843325	2831613	2881516	2852151	0.91	cps
Holmium	165-2	885676	869783	865274	873578	1.23	cps
Indium	115-1	2684551	2723862	2738543	2715652	1.03	cps
Indium	115-2	178904	177198	177417	177840	0.52	cps
Iron	56-2	184781	186087	184574	185147	0.44	cps
Iron	57-2	4995	4895	4918	4936	1.06	cps
Krypton	83-1	693	700	680	691	1.47	cps
Lead	206-1	444	411	506	454	10.56	cps
Lead	207-1	328	406	361	365	10.70	cps
Lead	208-1	2056	2206	2156	2139	3.57	cps
Lithium	6-1	199022	199148	198275	198815	0.24	cps
Magnesium	24-2	91989	92225	90328	91514	1.13	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:30:42	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77943	75751	76492	76729	1.45	cps
Molybdenum	94-1	1709	1842	1759	1770	3.81	cps
Molybdenum	95-1	2875	2617	2534	2675	6.66	cps
Molybdenum	96-1	2725	2875	2925	2842	3.66	cps
Molybdenum	97-1	1967	1825	1800	1864	4.82	cps
Molybdenum	98-1	4218	3976	4051	4081	3.03	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	300	280	267	282	5.94	cps
Phosphorus	31-2	25	42	33	33	25.01	cps
Potassium	39-2	16060	16485	17370	16638	4.02	cps
Rhodium	103-1	2726753	2665201	2701104	2697686	1.15	cps
Rhodium	103-2	1006490	988309	998143	997647	0.91	cps
Scandium	45-1	1925876	1912569	1929001	1922482	0.45	cps
Scandium	45-2	25784	25704	25680	25723	0.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-308	-272	-226	-269	-15.39	cps
Silicon	28-1	7233080	7009556	7096802	7113146	1.58	cps
Silver	109-1	642	700	708	683	5.32	cps
Silver	107-1	742	1067	1042	950	19.04	cps
Sodium	23-2	4640326	4648252	4590056	4626211	0.68	cps
Strontium	86-1	123967	124328	123959	124085	0.17	cps
Strontium	88-1	1069204	1059236	1071285	1066575	0.60	cps
Sulfur	34-1	265665	254009	252554	257409	2.79	cps
Terbium	159-1	3067498	3046562	3077918	3063993	0.52	cps
Terbium	159-2	893787	887573	883918	888426	0.56	cps
Thallium	203-1	75	58	33	56	37.75	cps
Thallium	205-1	125	92	100	106	16.44	cps
Tin	118-1	417	475	475	456	7.39	cps
Titanium	47-1	300	317	375	331	11.91	cps
Uranium	238-1	1108	1242	1275	1208	7.30	cps
Vanadium	51-2	220	207	147	191	20.44	cps
Yttrium	89-1	3173006	3151377	3179349	3167911	0.46	cps
Yttrium	89-2	151039	149019	150320	150126	0.68	cps
Zinc	66-2	513	433	530	492	10.50	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DLX5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 18:30:42	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	800	892	858	5.90	cps
Zirconium	91-1	200	242	300	247	20.32	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-09DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:38:17 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	110	88	100	11.46	cps
Antimony	121-1	100	108	133	114	15.23	cps
Arsenic	75-2	11	4	6	7	56.78	cps
Barium	135-1	6093	5735	5585	5804	4.50	cps
Barium	137-1	10897	10930	11155	10994	1.28	cps
Beryllium	9-1	37	30	30	32	11.95	cps
Bismuth	209-1	1695196	1718660	1686768	1700208	0.97	cps
Bismuth	209-2	681184	682432	682850	682156	0.13	cps
Boron	10-1	1108	1142	1300	1183	8.65	cps
Boron	11-1	6127	6135	5485	5915	6.31	cps
Cadmium	111-1	560	499	476	512	8.45	cps
Cadmium	106-1	767	658	667	697	8.65	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	54294	55047	55275	54872	0.94	cps
Calcium	44-1	944809	941251	943926	943329	0.20	cps
Chromium	52-2	16383	16727	16407	16506	1.16	cps
Cobalt	59-2	430	570	477	492	14.48	cps
Copper	63-2	1700	1707	1743	1717	1.36	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	25	58	39	44.62	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	2876743	2902211	2888085	2889013	0.44	cps
Holmium	165-2	937064	935114	924889	932356	0.70	cps
Indium	115-1	2807140	2815792	2833172	2818701	0.47	cps
Indium	115-2	194581	194454	193533	194189	0.29	cps
Iron	56-2	457470	458259	454852	456860	0.39	cps
Iron	57-2	11683	11505	11816	11668	1.34	cps
Krypton	83-1	590	607	590	596	1.62	cps
Lead	206-1	383	450	389	407	9.08	cps
Lead	207-1	328	300	389	339	13.42	cps
Lead	208-1	1839	1822	1822	1828	0.53	cps
Lithium	6-1	200709	201036	201332	201026	0.15	cps
Magnesium	24-2	31269	30926	30484	30893	1.27	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:38:17	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280778	279520	276361	278886	0.82	cps
Molybdenum	94-1	2275	2309	2467	2350	4.36	cps
Molybdenum	95-1	142	167	158	156	8.19	cps
Molybdenum	96-1	508	442	592	514	14.62	cps
Molybdenum	97-1	325	483	275	361	30.12	cps
Molybdenum	98-1	200	150	217	189	18.37	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1133	1187	1240	1187	4.49	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	6835	7135	7344	7105	3.60	cps
Rhodium	103-1	2853255	2832213	2842562	2842676	0.37	cps
Rhodium	103-2	1064348	1078026	1073785	1072053	0.65	cps
Scandium	45-1	2134874	2088873	2111341	2111696	1.09	cps
Scandium	45-2	28426	28723	28917	28688	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-184	-191	-159	-178	-9.31	cps
Silicon	28-1	1080835	1078362	1075078	1078092	0.27	cps
Silver	109-1	208	142	175	175	19.05	cps
Silver	107-1	142	242	183	189	26.59	cps
Sodium	23-2	593187	596035	586477	591900	0.83	cps
Strontium	86-1	16060	15801	16803	16221	3.20	cps
Strontium	88-1	133406	133281	133423	133370	0.06	cps
Sulfur	34-1	304014	300629	300736	301793	0.64	cps
Terbium	159-1	3103535	3105595	3128980	3112703	0.45	cps
Terbium	159-2	958275	949631	949287	952397	0.53	cps
Thallium	203-1	33	33	33	33	0.02	cps
Thallium	205-1	92	92	108	97	9.90	cps
Tin	118-1	267	242	175	228	20.80	cps
Titanium	47-1	167	150	175	164	7.77	cps
Uranium	238-1	117	50	125	97	42.28	cps
Vanadium	51-2	43	30	20	31	37.62	cps
Yttrium	89-1	3312699	3299667	3325938	3312768	0.40	cps
Yttrium	89-2	162595	163165	165074	163611	0.79	cps
Zinc	66-2	257	323	250	277	14.66	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:38:17	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5885	6018	6352	6085	3.95	cps
Zirconium	91-1	1558	1342	1392	1431	7.93	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:41:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	90	58	67	30.54	cps
Antimony	121-1	42	67	100	69	42.14	cps
Arsenic	75-2	4	13	6	7	66.14	cps
Barium	135-1	4834	5068	5093	4998	2.85	cps
Barium	137-1	8503	8870	8870	8748	2.42	cps
Beryllium	9-1	10	20	17	16	32.73	cps
Bismuth	209-1	1687533	1616331	1680911	1661592	2.37	cps
Bismuth	209-2	673174	678185	675387	675582	0.37	cps
Boron	10-1	283	350	242	292	18.74	cps
Boron	11-1	1258	1400	1417	1358	6.41	cps
Cadmium	111-1	548	490	573	537	7.84	cps
Cadmium	106-1	758	675	817	750	9.49	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	38122	37741	37965	37942	0.50	cps
Calcium	44-1	669996	667280	664914	667397	0.38	cps
Chromium	52-2	64635	65462	65676	65258	0.84	cps
Cobalt	59-2	123	107	90	107	15.63	cps
Copper	63-2	370	353	387	370	4.51	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	2894218	2921644	2890793	2902218	0.58	cps
Holmium	165-2	923033	925117	926568	924906	0.19	cps
Indium	115-1	2791154	2816791	2830973	2812972	0.72	cps
Indium	115-2	191259	192138	192583	191993	0.35	cps
Iron	56-2	4790	5173	4851	4938	4.17	cps
Iron	57-2	139	178	156	157	12.40	cps
Krypton	83-1	610	650	660	640	4.13	cps
Lead	206-1	356	294	344	331	9.82	cps
Lead	207-1	233	317	250	267	16.54	cps
Lead	208-1	1439	1606	1511	1519	5.50	cps
Lithium	6-1	199837	200778	199425	200013	0.35	cps
Magnesium	24-2	18830	18571	18312	18571	1.39	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:41:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3424	3521	3264	3403	3.81	cps
Molybdenum	94-1	133	167	175	158	13.92	cps
Molybdenum	95-1	92	17	17	42	103.91	cps
Molybdenum	96-1	117	100	75	97	21.57	cps
Molybdenum	97-1	417	458	417	431	5.59	cps
Molybdenum	98-1	100	100	83	94	10.18	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	133	160	154	12.27	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	5426	5143	5268	5279	2.69	cps
Rhodium	103-1	2821436	2818852	2851598	2830629	0.64	cps
Rhodium	103-2	1062771	1074325	1071659	1069585	0.57	cps
Scandium	45-1	2085976	2099613	2111594	2099061	0.61	cps
Scandium	45-2	28178	28272	27484	27978	1.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-172	-194	-242	-203	-17.56	cps
Silicon	28-1	744691	735967	734864	738507	0.73	cps
Silver	109-1	133	117	108	119	10.66	cps
Silver	107-1	133	117	175	142	21.21	cps
Sodium	23-2	192538	191564	192002	192035	0.25	cps
Strontium	86-1	6910	6652	6935	6833	2.30	cps
Strontium	88-1	55874	54050	52786	54237	2.86	cps
Sulfur	34-1	309983	302985	307932	306967	1.17	cps
Terbium	159-1	3114472	3096190	3068404	3093022	0.75	cps
Terbium	159-2	943981	938566	942152	941566	0.29	cps
Thallium	203-1	42	50	17	36	48.03	cps
Thallium	205-1	67	92	125	94	30.99	cps
Tin	118-1	108	158	200	156	29.51	cps
Titanium	47-1	100	92	117	103	12.39	cps
Uranium	238-1	58	117	133	103	38.31	cps
Vanadium	51-2	40	53	47	47	14.28	cps
Yttrium	89-1	3282659	3254360	3318546	3285188	0.98	cps
Yttrium	89-2	160132	162959	160828	161306	0.91	cps
Zinc	66-2	147	120	163	143	15.25	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:41:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	150	208	206	26.38	cps
Zirconium	91-1	58	108	67	78	34.44	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:45:13 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	573	518	595	562	7.10	cps
Antimony	121-1	142	125	133	133	6.25	cps
Arsenic	75-2	13	20	11	15	33.08	cps
Barium	135-1	308	292	450	350	24.86	cps
Barium	137-1	742	725	775	747	3.41	cps
Beryllium	9-1	17	30	27	24	28.38	cps
Bismuth	209-1	1611528	1697624	1672740	1660631	2.67	cps
Bismuth	209-2	682919	680847	677684	680483	0.39	cps
Boron	10-1	158	283	200	214	29.76	cps
Boron	11-1	1392	1425	1150	1322	11.35	cps
Cadmium	111-1	406	427	413	415	2.50	cps
Cadmium	106-1	592	600	592	594	0.81	cps
Cadmium	108-1	29	8	25	21	52.93	cps
Calcium	43-1	2537	2107	2200	2281	9.92	cps
Calcium	44-1	79949	79168	79815	79644	0.52	cps
Chromium	52-2	181595	183188	181788	182190	0.48	cps
Cobalt	59-2	153	113	127	131	15.53	cps
Copper	63-2	10688	10808	11258	10918	2.75	cps
Dysprosium	156-1	92	133	83	103	26.06	cps
Dysprosium	156-2	37	27	47	37	27.27	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	10	13	33	19	66.81	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	37	37	40	38	5.09	cps
Holmium	165-1	2886399	2890064	2859256	2878573	0.58	cps
Holmium	165-2	927395	939309	929431	932045	0.68	cps
Indium	115-1	2787587	2815012	2797594	2800064	0.50	cps
Indium	115-2	192704	195837	192576	193706	0.95	cps
Iron	56-2	26659	27194	26804	26886	1.03	cps
Iron	57-2	606	672	706	661	7.70	cps
Krypton	83-1	553	720	590	621	14.10	cps
Lead	206-1	289	322	350	320	9.55	cps
Lead	207-1	344	244	306	298	16.91	cps
Lead	208-1	1800	1372	1539	1570	13.73	cps
Lithium	6-1	204795	199765	200830	201797	1.31	cps
Magnesium	24-2	2734	2642	2667	2681	1.77	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:45:13	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1027	1017	1010	1018	0.82	cps
Molybdenum	94-1	1784	1542	1600	1642	7.68	cps
Molybdenum	95-1	217	142	192	183	20.83	cps
Molybdenum	96-1	442	458	475	458	3.64	cps
Molybdenum	97-1	425	408	408	414	2.32	cps
Molybdenum	98-1	350	408	308	356	14.13	cps
Neodymium	150-1	93	93	113	100	11.55	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	373	413	350	379	8.45	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	5210	5201	5110	5173	1.07	cps
Rhodium	103-1	2843093	2847846	2808878	2833272	0.75	cps
Rhodium	103-2	1079434	1083866	1073453	1078918	0.48	cps
Scandium	45-1	2105312	2096168	2119717	2107066	0.56	cps
Scandium	45-2	28462	28890	28696	28683	0.75	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-84	-226	-144	-152	-47.02	cps
Silicon	28-1	324192	319077	313097	318789	1.74	cps
Silver	109-1	3592	3426	3134	3384	6.86	cps
Silver	107-1	3742	3767	3967	3826	3.22	cps
Sodium	23-2	867803	869332	865115	867417	0.25	cps
Strontium	86-1	1458	1350	1450	1420	4.25	cps
Strontium	88-1	6585	6452	6860	6633	3.14	cps
Sulfur	34-1	309844	309286	306917	308682	0.50	cps
Terbium	159-1	3059732	3090397	3071932	3074020	0.50	cps
Terbium	159-2	948964	948441	947538	948314	0.08	cps
Thallium	203-1	42	42	33	39	12.38	cps
Thallium	205-1	75	133	83	97	32.45	cps
Tin	118-1	242	250	167	219	20.91	cps
Titanium	47-1	217	208	133	186	24.66	cps
Uranium	238-1	100	150	150	133	21.65	cps
Vanadium	51-2	110	110	93	104	9.21	cps
Yttrium	89-1	3302774	3312610	3321337	3312240	0.28	cps
Yttrium	89-2	162648	162692	164123	163155	0.51	cps
Zinc	66-2	193	157	200	183	12.73	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:45:13	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3934	4218	3934	4029	4.06	cps
Zirconium	91-1	933	800	875	870	7.69	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:48:41 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	78	50	71	26.02	cps
Antimony	121-1	58	92	67	72	24.02	cps
Arsenic	75-2	9	13	22	15	45.07	cps
Barium	135-1	5552	5276	5468	5432	2.60	cps
Barium	137-1	9187	9637	9712	9512	2.99	cps
Beryllium	9-1	13	23	30	22	37.76	cps
Bismuth	209-1	1679995	1603923	1611934	1631951	2.56	cps
Bismuth	209-2	676497	681454	679490	679147	0.37	cps
Boron	10-1	292	217	267	258	14.78	cps
Boron	11-1	1325	1275	1217	1272	4.26	cps
Cadmium	111-1	543	459	448	483	10.75	cps
Cadmium	106-1	783	650	633	689	11.93	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	39629	39205	40338	39724	1.44	cps
Calcium	44-1	694946	691992	687444	691461	0.55	cps
Chromium	52-2	59955	60845	60484	60428	0.74	cps
Cobalt	59-2	113	83	107	101	15.58	cps
Copper	63-2	327	253	287	289	12.71	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	0	25	25	17	86.60	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	2849719	2874361	2815040	2846373	1.05	cps
Holmium	165-2	925523	933419	925227	928056	0.50	cps
Indium	115-1	2819822	2805466	2735261	2786850	1.62	cps
Indium	115-2	192098	192009	193400	192502	0.40	cps
Iron	56-2	5824	5774	5507	5701	2.99	cps
Iron	57-2	144	211	217	191	21.07	cps
Krypton	83-1	550	680	533	588	13.66	cps
Lead	206-1	283	372	272	309	17.72	cps
Lead	207-1	278	272	206	252	15.96	cps
Lead	208-1	1406	1411	1239	1352	7.24	cps
Lithium	6-1	201669	201558	200714	201314	0.26	cps
Magnesium	24-2	18421	18455	18496	18457	0.20	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:48:41 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	247	250	252	2.75	cps
Molybdenum	94-1	300	258	300	286	8.41	cps
Molybdenum	95-1	183	242	292	239	22.70	cps
Molybdenum	96-1	292	367	275	311	15.69	cps
Molybdenum	97-1	475	475	483	478	1.01	cps
Molybdenum	98-1	308	233	300	281	14.65	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	150	213	168	23.70	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	6002	6085	6227	6104	1.86	cps
Rhodium	103-1	2815913	2821322	2836996	2824744	0.39	cps
Rhodium	103-2	1068778	1062774	1069329	1066960	0.34	cps
Scandium	45-1	2109669	2070820	2047482	2075990	1.51	cps
Scandium	45-2	27514	27958	28395	27956	1.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-161	-223	-123	-169	-29.76	cps
Silicon	28-1	870991	871660	864474	869042	0.46	cps
Silver	109-1	125	108	67	100	30.05	cps
Silver	107-1	67	208	158	144	49.74	cps
Sodium	23-2	236952	232309	234835	234699	0.99	cps
Strontium	86-1	7244	6610	6694	6849	5.03	cps
Strontium	88-1	55054	53155	51674	53294	3.18	cps
Sulfur	34-1	317180	313740	313515	314812	0.65	cps
Terbium	159-1	3040069	3052559	3049992	3047540	0.22	cps
Terbium	159-2	946188	939794	940634	942205	0.37	cps
Thallium	203-1	42	8	58	36	70.51	cps
Thallium	205-1	117	108	67	97	27.55	cps
Tin	118-1	150	158	208	172	18.32	cps
Titanium	47-1	142	67	183	131	45.28	cps
Uranium	238-1	100	133	83	106	24.12	cps
Vanadium	51-2	50	47	80	59	31.17	cps
Yttrium	89-1	3282401	3284934	3269143	3278826	0.26	cps
Yttrium	89-2	162204	162550	160878	161878	0.55	cps
Zinc	66-2	163	133	90	129	28.61	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:48:41	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	217	217	258	231	10.43	cps
Zirconium	91-1	75	58	75	69	13.85	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-23DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 18:52:09 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	63	58	63	8.00	cps
Antimony	121-1	58	67	92	72	24.02	cps
Arsenic	75-2	2	4	9	5	78.12	cps
Barium	135-1	892	875	875	881	1.09	cps
Barium	137-1	1684	1659	1700	1681	1.25	cps
Beryllium	9-1	23	7	17	16	53.90	cps
Bismuth	209-1	1674459	1678036	1630501	1660999	1.59	cps
Bismuth	209-2	689284	682915	686207	686136	0.46	cps
Boron	10-1	4167	4051	4217	4145	2.06	cps
Boron	11-1	20307	20574	21300	20727	2.48	cps
Cadmium	111-1	487	497	474	486	2.41	cps
Cadmium	106-1	708	708	692	703	1.37	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	21864	21300	21183	21449	1.70	cps
Calcium	44-1	394716	394807	392261	393928	0.37	cps
Chromium	52-2	3140	3304	3244	3229	2.56	cps
Cobalt	59-2	117	120	120	119	1.62	cps
Copper	63-2	983	827	863	891	9.20	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	67	8	25	145.31	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	2931181	2907094	2863389	2900554	1.18	cps
Holmium	165-2	936871	936046	926768	933228	0.60	cps
Indium	115-1	2802877	2829107	2805596	2812527	0.51	cps
Indium	115-2	195217	195141	193445	194601	0.51	cps
Iron	56-2	42309	44338	44293	43647	2.65	cps
Iron	57-2	1250	995	1095	1113	11.57	cps
Krypton	83-1	613	507	577	566	9.58	cps
Lead	206-1	389	367	372	376	3.08	cps
Lead	207-1	339	367	372	359	4.97	cps
Lead	208-1	1911	1895	1717	1841	5.86	cps
Lithium	6-1	204475	204464	199270	202737	1.48	cps
Magnesium	24-2	21292	21033	20908	21078	0.93	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:52:09	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17181	16951	17017	17050	0.69	cps
Molybdenum	94-1	667	650	450	589	20.48	cps
Molybdenum	95-1	592	558	617	589	4.97	cps
Molybdenum	96-1	592	700	650	647	8.38	cps
Molybdenum	97-1	817	792	667	758	10.60	cps
Molybdenum	98-1	800	858	900	853	5.89	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	140	150	147	3.94	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	7377	7402	7227	7336	1.29	cps
Rhodium	103-1	2866699	2845834	2835496	2849343	0.56	cps
Rhodium	103-2	1081090	1085395	1074355	1080280	0.52	cps
Scandium	45-1	2128482	2125315	2131868	2128555	0.15	cps
Scandium	45-2	28586	28616	28713	28638	0.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-138	-59	-153	-117	-43.62	cps
Silicon	28-1	1798290	1783596	1811783	1797890	0.78	cps
Silver	109-1	150	158	217	175	20.76	cps
Silver	107-1	225	175	233	211	14.94	cps
Sodium	23-2	1020933	1024423	1016716	1020691	0.38	cps
Strontium	86-1	26251	26209	26393	26284	0.37	cps
Strontium	88-1	220744	220947	221571	221088	0.20	cps
Sulfur	34-1	312461	311694	310476	311544	0.32	cps
Terbium	159-1	3077379	3069052	3117978	3088136	0.85	cps
Terbium	159-2	956952	954183	956606	955914	0.16	cps
Thallium	203-1	25	33	67	42	52.92	cps
Thallium	205-1	67	83	75	75	11.11	cps
Tin	118-1	183	936	142	420	106.35	cps
Titanium	47-1	175	183	158	172	7.39	cps
Uranium	238-1	200	308	292	267	21.88	cps
Vanadium	51-2	60	67	53	60	11.12	cps
Yttrium	89-1	3332171	3323187	3329985	3328448	0.14	cps
Yttrium	89-2	165154	164362	161947	163821	1.02	cps
Zinc	66-2	163	217	147	176	20.83	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-23DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 18:52:09	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	325	458	361	23.57	cps
Zirconium	91-1	50	42	100	64	49.39	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350398	346684	352627	349903	0.86	cps
Antimony	121-1	2082467	2075606	2057647	2071907	0.62	cps
Arsenic	75-2	50447	50402	50395	50415	0.06	cps
Barium	135-1	2009881	1985098	2010564	2001848	0.72	cps
Barium	137-1	3458608	3427132	3439435	3441725	0.46	cps
Beryllium	9-1	251521	251222	252787	251843	0.33	cps
Bismuth	209-1	1575829	1560834	1557924	1564862	0.61	cps
Bismuth	209-2	710574	705734	701927	706078	0.61	cps
Boron	10-1	35612	36180	37516	36436	2.68	cps
Boron	11-1	184080	187447	191183	187570	1.89	cps
Cadmium	111-1	450125	445219	449094	448146	0.58	cps
Cadmium	106-1	47451	47058	47251	47253	0.42	cps
Cadmium	108-1	32627	32686	32836	32716	0.33	cps
Calcium	43-1	2959263	2960427	2923124	2947605	0.72	cps
Calcium	44-1	47658213	47902373	47754966	47771850	0.26	cps
Chromium	52-2	396630	394846	395167	395548	0.24	cps
Cobalt	59-2	759543	754754	758784	757694	0.34	cps
Copper	63-2	1240230	1245591	1234409	1240077	0.45	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	3	13	20	12	68.66	cps
Holmium	165-1	3005531	2941371	2900362	2949088	1.80	cps
Holmium	165-2	1026779	1024066	1013660	1021501	0.68	cps
Indium	115-1	2793796	2767169	2779134	2780033	0.48	cps
Indium	115-2	206217	206620	207665	206834	0.36	cps
Iron	56-2	67058104	67452060	67047333	67185833	0.34	cps
Iron	57-2	1716172	1728204	1721155	1721843	0.35	cps
Krypton	83-1	580	480	593	551	11.24	cps
Lead	206-1	884072	870776	870751	875200	0.88	cps
Lead	207-1	791293	784488	783260	786347	0.55	cps
Lead	208-1	4463492	4410460	4387549	4420500	0.88	cps
Lithium	6-1	227639	228694	231393	229242	0.84	cps
Magnesium	24-2	7727269	7621055	7661112	7669812	0.70	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235265	238407	238147	237273	0.74	cps
Molybdenum	94-1	3961241	3962894	3957787	3960641	0.07	cps
Molybdenum	95-1	4904057	4872005	4863994	4880019	0.43	cps
Molybdenum	96-1	5397202	5416661	5353361	5389075	0.60	cps
Molybdenum	97-1	2933987	2951037	2959262	2948095	0.44	cps
Molybdenum	98-1	7630626	7672148	7628596	7643790	0.32	cps
Neodymium	150-1	93	93	80	89	8.66	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	221781	220264	221083	221043	0.34	cps
Phosphorus	31-2	5501	5501	5343	5449	1.68	cps
Potassium	39-2	2354847	2340520	2369942	2355103	0.62	cps
Rhodium	103-1	2787211	2797518	2742365	2775698	1.06	cps
Rhodium	103-2	1099075	1093291	1098193	1096853	0.28	cps
Scandium	45-1	2312570	2362320	2298275	2324388	1.45	cps
Scandium	45-2	32454	32010	32494	32320	0.83	cps
Selenium	77-2	300	393	393	362	14.88	cps
Selenium	78-2	1272	1232	1291	1265	2.40	cps
Selenium	82-1	33685	34220	33742	33882	0.87	cps
Silicon	28-1	1386964	1432142	1426034	1415047	1.73	cps
Silver	109-1	2187452	2180721	2166611	2178261	0.49	cps
Silver	107-1	2289188	2310640	2278830	2292886	0.71	cps
Sodium	23-2	17243677	17187599	17456383	17295886	0.82	cps
Strontium	86-1	605747	607120	608426	607098	0.22	cps
Strontium	88-1	5293018	5305237	5284076	5294110	0.20	cps
Sulfur	34-1	542331	541447	535792	539857	0.66	cps
Terbium	159-1	3150617	3153216	3106329	3136721	0.84	cps
Terbium	159-2	1030195	1038758	1032023	1033659	0.44	cps
Thallium	203-1	1107807	1091633	1077964	1092468	1.37	cps
Thallium	205-1	2725712	2685157	2661062	2690644	1.21	cps
Tin	118-1	1366228	1358357	1348136	1357574	0.67	cps
Titanium	47-1	1540307	1584834	1580117	1568419	1.56	cps
Uranium	238-1	3404588	3331457	3322926	3352990	1.34	cps
Vanadium	51-2	286468	287360	288563	287464	0.37	cps
Yttrium	89-1	3472032	3439716	3393686	3435145	1.15	cps
Yttrium	89-2	181342	181589	180561	181164	0.30	cps
Zinc	66-2	133444	134215	134414	134024	0.38	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 18:59:13	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3309946	3359196	3291644	3320262	1.05	cps
Zirconium	91-1	716272	716061	711756	714697	0.36	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P8
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 19:05:51 DataFile Name : 077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	68	48	54	21.32	cps
Antimony	121-1	383	792	667	614	34.08	cps
Arsenic	75-2	0	9	4	4	107.89	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	50	42	8	33	66.15	cps
Beryllium	9-1	43	30	40	38	18.36	cps
Bismuth	209-1	1699226	1665733	1703369	1689443	1.22	cps
Bismuth	209-2	724983	724375	715994	721784	0.70	cps
Boron	10-1	367	208	233	269	31.59	cps
Boron	11-1	1383	1058	1075	1172	15.61	cps
Cadmium	111-1	576	485	459	507	12.13	cps
Cadmium	106-1	833	692	650	725	13.26	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	203	280	290	258	18.39	cps
Calcium	44-1	55733	55650	54498	55294	1.25	cps
Chromium	52-2	1867	1803	2044	1905	6.53	cps
Cobalt	59-2	107	83	120	103	17.96	cps
Copper	63-2	143	227	160	177	24.96	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	8	25	28	75.51	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	2888150	2866553	2878798	2877834	0.38	cps
Holmium	165-2	992115	990272	986246	989544	0.30	cps
Indium	115-1	2845990	2862921	2847275	2852062	0.33	cps
Indium	115-2	211406	210730	208772	210303	0.65	cps
Iron	56-2	5379	4951	4934	5088	4.95	cps
Iron	57-2	139	128	133	133	4.17	cps
Krypton	83-1	573	590	573	579	1.66	cps
Lead	206-1	811	683	733	743	8.67	cps
Lead	207-1	533	667	589	596	11.23	cps
Lead	208-1	3361	3656	3506	3508	4.20	cps
Lithium	6-1	222177	224795	223983	223652	0.60	cps
Magnesium	24-2	367	358	433	386	10.65	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:05:51	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	167	130	144	13.52	cps
Molybdenum	94-1	258	283	300	281	7.48	cps
Molybdenum	95-1	192	133	158	161	18.17	cps
Molybdenum	96-1	350	267	333	317	13.93	cps
Molybdenum	97-1	375	408	375	386	4.98	cps
Molybdenum	98-1	242	250	283	258	8.54	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	97	100	104	10.26	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	5151	5034	4768	4984	3.94	cps
Rhodium	103-1	2889888	2919851	2897725	2902488	0.54	cps
Rhodium	103-2	1144509	1141385	1135556	1140483	0.40	cps
Scandium	45-1	2291393	2271576	2265429	2276133	0.60	cps
Scandium	45-2	31349	30687	30550	30862	1.38	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-135	-137	-152	-141	-6.71	cps
Silicon	28-1	202824	202593	202240	202552	0.15	cps
Silver	109-1	83	108	75	89	19.52	cps
Silver	107-1	42	83	92	72	37.09	cps
Sodium	23-2	16685	15943	16135	16254	2.37	cps
Strontium	86-1	742	725	825	764	7.01	cps
Strontium	88-1	133	108	67	103	32.77	cps
Sulfur	34-1	341976	342765	339423	341388	0.51	cps
Terbium	159-1	3101561	3052905	3098067	3084177	0.88	cps
Terbium	159-2	1009106	1015904	998815	1007942	0.85	cps
Thallium	203-1	233	158	267	219	25.29	cps
Thallium	205-1	542	483	600	542	10.77	cps
Tin	118-1	192	258	292	247	20.59	cps
Titanium	47-1	75	83	67	75	11.11	cps
Uranium	238-1	33	33	33	33	0.00	cps
Vanadium	51-2	40	30	23	31	26.97	cps
Yttrium	89-1	3370117	3431691	3431751	3411186	1.04	cps
Yttrium	89-2	177925	176483	175536	176648	0.68	cps
Zinc	66-2	70	67	110	82	29.33	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:05:51	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	300	200	242	21.54	cps
Zirconium	91-1	67	83	33	61	41.67	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448	410	350	403	12.22	cps
Antimony	121-1	1233	1325	1150	1236	7.08	cps
Arsenic	75-2	43	41	39	41	4.54	cps
Barium	135-1	28223	27037	27847	27702	2.19	cps
Barium	137-1	47495	48883	47745	48041	1.54	cps
Beryllium	9-1	40	23	47	37	32.79	cps
Bismuth	209-1	1548324	1568294	1572698	1563105	0.83	cps
Bismuth	209-2	647114	636871	640820	641602	0.81	cps
Boron	10-1	2092	2117	2159	2122	1.59	cps
Boron	11-1	10988	10312	10671	10657	3.17	cps
Cadmium	111-1	570	594	582	582	2.04	cps
Cadmium	106-1	667	717	717	700	4.12	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	229535	226054	221119	225569	1.87	cps
Calcium	44-1	3833931	3703761	3641627	3726440	2.63	cps
Chromium	52-2	383163	385768	379579	382837	0.81	cps
Cobalt	59-2	2284	2427	2284	2331	3.55	cps
Copper	63-2	12229	12386	11692	12102	3.01	cps
Dysprosium	156-1	175	192	117	161	24.45	cps
Dysprosium	156-2	57	57	63	59	6.53	cps
Erbium	164-1	208	175	200	194	8.92	cps
Erbium	164-2	67	87	70	74	14.39	cps
Gadolinium	160-1	117	233	200	183	32.78	cps
Gadolinium	160-2	67	73	73	71	5.41	cps
Holmium	165-1	2804807	2829775	2844445	2826342	0.71	cps
Holmium	165-2	896875	881287	885578	887913	0.91	cps
Indium	115-1	2734043	2742693	2725086	2733941	0.32	cps
Indium	115-2	186160	183044	182015	183740	1.17	cps
Iron	56-2	2613983	2529786	2541814	2561861	1.78	cps
Iron	57-2	61553	62005	61090	61549	0.74	cps
Krypton	83-1	567	573	557	566	1.48	cps
Lead	206-1	1306	1439	1478	1408	6.42	cps
Lead	207-1	1161	1178	1211	1183	2.15	cps
Lead	208-1	6434	6756	6451	6547	2.77	cps
Lithium	6-1	200315	201243	202048	201202	0.43	cps
Magnesium	24-2	111301	110865	110284	110817	0.46	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397549	394402	390816	394255	0.85	cps
Molybdenum	94-1	2084	2300	2484	2289	8.75	cps
Molybdenum	95-1	708	608	550	622	12.87	cps
Molybdenum	96-1	1050	1100	942	1031	7.85	cps
Molybdenum	97-1	775	683	750	736	6.44	cps
Molybdenum	98-1	1017	1142	983	1047	7.97	cps
Neodymium	150-1	187	233	180	200	14.53	cps
Neodymium	150-2	43	60	60	54	17.68	cps
Nickel	60-2	2274	2247	2350	2290	2.34	cps
Phosphorus	31-2	25	67	42	44	47.19	cps
Potassium	39-2	24305	24748	24489	24514	0.91	cps
Rhodium	103-1	2741615	2718467	2712256	2724113	0.57	cps
Rhodium	103-2	1014415	1004929	1013594	1010979	0.52	cps
Scandium	45-1	2045666	2016249	2009257	2023724	0.95	cps
Scandium	45-2	26622	26478	26128	26409	0.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-116	-102	-136	-118	-14.46	cps
Silicon	28-1	3868879	3801054	3664574	3778169	2.75	cps
Silver	109-1	2684	2867	3042	2864	6.26	cps
Silver	107-1	3134	2742	2750	2875	7.78	cps
Sodium	23-2	2183630	2164920	2156472	2168341	0.64	cps
Strontium	86-1	56208	58133	58419	57587	2.09	cps
Strontium	88-1	479784	491447	485939	485723	1.20	cps
Sulfur	34-1	330000	322148	313755	321968	2.52	cps
Terbium	159-1	3055903	3061242	3045753	3054300	0.26	cps
Terbium	159-2	906644	895326	904895	902288	0.68	cps
Thallium	203-1	358	275	217	283	25.13	cps
Thallium	205-1	908	667	558	711	25.20	cps
Tin	118-1	683	717	767	722	5.81	cps
Titanium	47-1	300	367	383	350	12.60	cps
Uranium	238-1	475	492	508	492	3.39	cps
Vanadium	51-2	167	210	200	192	11.81	cps
Yttrium	89-1	3249363	3223835	3201473	3224890	0.74	cps
Yttrium	89-2	155669	153273	155025	154656	0.80	cps
Zinc	66-2	1690	1703	1817	1737	4.01	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	D-01082019-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:15:24	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4759	4809	4568	4712	2.71	cps
Zirconium	91-1	1100	1167	1192	1153	4.11	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	58	60	61	6.28	cps
Antimony	121-1	167	167	208	181	13.32	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	47578	47997	47561	47712	0.52	cps
Barium	137-1	83112	82306	82952	82790	0.52	cps
Beryllium	9-1	17	33	33	28	34.63	cps
Bismuth	209-1	1595887	1601006	1603857	1600250	0.25	cps
Bismuth	209-2	661870	657968	662847	660895	0.39	cps
Boron	10-1	567	425	500	497	14.25	cps
Boron	11-1	2467	2467	2575	2503	2.50	cps
Cadmium	111-1	527	425	438	463	11.95	cps
Cadmium	106-1	717	592	608	639	10.62	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	122376	122077	121556	122003	0.34	cps
Calcium	44-1	2063440	2100534	2068520	2077498	0.97	cps
Chromium	52-2	30253	30156	30052	30154	0.33	cps
Cobalt	59-2	2844	2390	2467	2567	9.45	cps
Copper	63-2	1013	1010	1103	1042	5.08	cps
Dysprosium	156-1	50	0	25	25	100.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	2874535	2951169	2847066	2890923	1.87	cps
Holmium	165-2	916621	918376	926863	920620	0.59	cps
Indium	115-1	2820729	2821376	2782302	2808135	0.80	cps
Indium	115-2	193512	192508	193057	193026	0.26	cps
Iron	56-2	748486	750127	754386	751000	0.41	cps
Iron	57-2	19141	19063	18980	19062	0.42	cps
Krypton	83-1	580	687	577	614	10.18	cps
Lead	206-1	528	583	572	561	5.24	cps
Lead	207-1	478	433	383	432	10.95	cps
Lead	208-1	2717	2489	2467	2558	5.41	cps
Lithium	6-1	192204	193958	192256	192806	0.52	cps
Magnesium	24-2	61819	62748	62672	62413	0.83	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230608	233208	230988	231601	0.61	cps
Molybdenum	94-1	292	267	258	272	6.37	cps
Molybdenum	95-1	58	92	58	69	27.71	cps
Molybdenum	96-1	192	108	92	131	41.04	cps
Molybdenum	97-1	317	367	375	353	8.94	cps
Molybdenum	98-1	100	117	75	97	21.57	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2030	1967	2050	2016	2.16	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	6568	6193	6210	6324	3.35	cps
Rhodium	103-1	2831118	2836590	2835694	2834467	0.10	cps
Rhodium	103-2	1063820	1062773	1072081	1066225	0.48	cps
Scandium	45-1	2079939	2108394	2065661	2084665	1.04	cps
Scandium	45-2	27844	28362	28459	28222	1.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-191	-298	-145	-211	-37.20	cps
Silicon	28-1	1643063	1669039	1654648	1655583	0.79	cps
Silver	109-1	425	333	358	372	12.73	cps
Silver	107-1	317	350	475	381	21.93	cps
Sodium	23-2	504883	509907	516257	510349	1.12	cps
Strontium	86-1	20716	21151	20333	20733	1.97	cps
Strontium	88-1	172943	172950	172201	172698	0.25	cps
Sulfur	34-1	285506	283716	283734	284319	0.36	cps
Terbium	159-1	3077799	3078479	3060973	3072417	0.32	cps
Terbium	159-2	941676	935561	938617	938618	0.33	cps
Thallium	203-1	83	58	58	67	21.65	cps
Thallium	205-1	133	167	242	181	30.73	cps
Tin	118-1	250	317	292	286	11.77	cps
Titanium	47-1	150	133	100	128	19.92	cps
Uranium	238-1	25	42	17	28	45.82	cps
Vanadium	51-2	70	30	30	43	53.29	cps
Yttrium	89-1	3303210	3312600	3321000	3312270	0.27	cps
Yttrium	89-2	164167	162784	161141	162697	0.93	cps
Zinc	66-2	150	150	127	142	9.47	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-07DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:18:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	650	825	681	19.39	cps
Zirconium	91-1	117	167	108	131	24.16	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	128	103	117	10.99	cps
Antimony	121-1	83	117	142	114	25.70	cps
Arsenic	75-2	4	9	13	9	53.95	cps
Barium	135-1	6560	6352	6735	6549	2.93	cps
Barium	137-1	11322	12081	11931	11778	3.41	cps
Beryllium	9-1	37	30	27	31	16.37	cps
Bismuth	209-1	1595880	1580800	1588669	1588450	0.47	cps
Bismuth	209-2	655631	652203	654660	654165	0.27	cps
Boron	10-1	1267	1100	1042	1136	10.28	cps
Boron	11-1	5576	5676	5876	5710	2.68	cps
Cadmium	111-1	490	543	519	517	5.17	cps
Cadmium	106-1	658	758	700	706	7.12	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Calcium	43-1	58890	58809	58829	58843	0.07	cps
Calcium	44-1	1015117	1022903	1017166	1018395	0.40	cps
Chromium	52-2	17858	17204	18022	17695	2.45	cps
Cobalt	59-2	500	570	490	520	8.38	cps
Copper	63-2	1737	1997	1840	1858	7.05	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	2869946	2819607	2817465	2835673	1.05	cps
Holmium	165-2	912219	908143	902632	907665	0.53	cps
Indium	115-1	2800696	2798652	2810095	2803148	0.22	cps
Indium	115-2	191126	189428	190937	190497	0.49	cps
Iron	56-2	506937	493163	499466	499855	1.38	cps
Iron	57-2	12528	12467	11900	12298	2.82	cps
Krypton	83-1	647	627	597	623	4.04	cps
Lead	206-1	767	672	711	717	6.62	cps
Lead	207-1	583	550	517	550	6.06	cps
Lead	208-1	3278	3078	3034	3130	4.16	cps
Lithium	6-1	195049	193793	193988	194277	0.35	cps
Magnesium	24-2	33307	34693	32781	33594	2.94	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	307987	298998	305026	304004	1.51	cps
Molybdenum	94-1	192	175	250	206	19.16	cps
Molybdenum	95-1	192	158	108	153	27.45	cps
Molybdenum	96-1	250	150	200	200	25.00	cps
Molybdenum	97-1	300	408	442	383	19.32	cps
Molybdenum	98-1	125	200	183	169	23.24	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1363	1297	1383	1348	3.37	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	7110	7219	7728	7352	4.48	cps
Rhodium	103-1	2827804	2810931	2832098	2823611	0.40	cps
Rhodium	103-2	1092614	1050146	1054490	1065750	2.19	cps
Scandium	45-1	2065450	2097857	2051704	2071670	1.14	cps
Scandium	45-2	28112	27881	27861	27951	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-255	-227	-178	-220	-17.73	cps
Silicon	28-1	1125797	1113388	1118334	1119173	0.56	cps
Silver	109-1	175	150	267	197	31.14	cps
Silver	107-1	275	300	258	278	7.55	cps
Sodium	23-2	634132	635358	637626	635706	0.28	cps
Strontium	86-1	17971	17612	17687	17757	1.07	cps
Strontium	88-1	146150	145319	144225	145231	0.67	cps
Sulfur	34-1	293482	291352	291950	292261	0.38	cps
Terbium	159-1	3075264	3051351	3031019	3052545	0.73	cps
Terbium	159-2	928152	918776	919389	922106	0.57	cps
Thallium	203-1	125	75	83	94	28.37	cps
Thallium	205-1	192	142	142	158	18.23	cps
Tin	118-1	317	258	300	292	10.30	cps
Titanium	47-1	208	50	108	122	65.52	cps
Uranium	238-1	117	83	117	106	18.23	cps
Vanadium	51-2	33	23	47	34	34.00	cps
Yttrium	89-1	3280393	3280323	3304130	3288282	0.42	cps
Yttrium	89-2	164211	161020	159586	161606	1.47	cps
Zinc	66-2	1653	1713	1593	1653	3.63	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-09DL3X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:22:18	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	208	250	242	12.43	cps
Zirconium	91-1	25	67	50	47	44.41	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:25:46	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	60	60	61	2.37	cps
Antimony	121-1	550	483	517	517	6.45	cps
Arsenic	75-2	17	20	7	15	45.06	cps
Barium	135-1	25475	25818	26594	25962	2.21	cps
Barium	137-1	43498	45245	44769	44504	2.03	cps
Beryllium	9-1	27	27	23	26	7.55	cps
Bismuth	209-1	1566398	1566988	1554133	1562506	0.46	cps
Bismuth	209-2	633598	624947	626323	628290	0.74	cps
Boron	10-1	633	558	550	581	7.91	cps
Boron	11-1	3142	3142	3151	3145	0.15	cps
Cadmium	111-1	544	573	438	518	13.77	cps
Cadmium	106-1	708	783	592	695	13.91	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	190301	187727	184827	187618	1.46	cps
Calcium	44-1	3185003	3151077	3119633	3151905	1.04	cps
Chromium	52-2	312831	317181	318910	316307	0.99	cps
Cobalt	59-2	197	117	210	174	28.94	cps
Copper	63-2	1410	1473	1577	1487	5.66	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	8	17	25	88.19	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	2779447	2817737	2805405	2800863	0.70	cps
Holmium	165-2	864047	870925	861257	865409	0.57	cps
Indium	115-1	2731118	2737070	2719957	2729382	0.32	cps
Indium	115-2	178842	180526	179930	179766	0.48	cps
Iron	56-2	7708	7702	7819	7743	0.85	cps
Iron	57-2	233	150	206	196	21.61	cps
Krypton	83-1	607	690	580	626	9.17	cps
Lead	206-1	406	439	472	439	7.59	cps
Lead	207-1	433	389	317	380	15.51	cps
Lead	208-1	2195	1950	1856	2000	8.75	cps
Lithium	6-1	192425	194171	193496	193364	0.46	cps
Magnesium	24-2	90177	89079	92341	90533	1.83	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-11DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:25:46 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16513	16684	16186	16461	1.54	cps
Molybdenum	94-1	275	250	225	250	10.00	cps
Molybdenum	95-1	142	217	142	167	25.98	cps
Molybdenum	96-1	308	158	242	236	31.83	cps
Molybdenum	97-1	433	475	458	456	4.60	cps
Molybdenum	98-1	300	308	308	306	1.57	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	263	240	260	254	4.96	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	9195	9429	9520	9381	1.79	cps
Rhodium	103-1	2734778	2739061	2716998	2730279	0.43	cps
Rhodium	103-2	1002105	1012420	1016373	1010300	0.73	cps
Scandium	45-1	1962860	1942038	1941252	1948717	0.63	cps
Scandium	45-2	26238	26054	26295	26196	0.48	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-128	-281	-126	-178	-50.11	cps
Silicon	28-1	2514435	2447264	2427984	2463228	1.84	cps
Silver	109-1	500	692	917	703	29.68	cps
Silver	107-1	858	833	817	836	2.51	cps
Sodium	23-2	902743	908121	908315	906393	0.35	cps
Strontium	86-1	33651	33726	33108	33495	1.01	cps
Strontium	88-1	282601	280422	278648	280557	0.71	cps
Sulfur	34-1	290783	283612	280659	285018	1.83	cps
Terbium	159-1	2973712	2977843	3009037	2986864	0.65	cps
Terbium	159-2	881645	876817	883651	880705	0.40	cps
Thallium	203-1	75	83	42	67	33.07	cps
Thallium	205-1	158	167	175	167	5.00	cps
Tin	118-1	400	492	358	417	16.37	cps
Titanium	47-1	317	167	225	236	32.03	cps
Uranium	238-1	500	375	458	444	14.32	cps
Vanadium	51-2	123	157	157	146	13.22	cps
Yttrium	89-1	3231830	3214485	3136832	3194382	1.58	cps
Yttrium	89-2	150461	150771	151159	150797	0.23	cps
Zinc	66-2	310	377	367	351	10.24	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-11DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:25:46	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	292	383	319	17.37	cps
Zirconium	91-1	50	58	50	53	9.12	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DL2X20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-11 19:29:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	840	793	775	803	4.19	cps
Antimony	121-1	183	217	208	203	8.56	cps
Arsenic	75-2	11	26	7	15	66.15	cps
Barium	135-1	5702	5935	5968	5868	2.48	cps
Barium	137-1	10179	10505	10746	10477	2.72	cps
Beryllium	9-1	37	23	43	34	29.57	cps
Bismuth	209-1	1588951	1587645	1591535	1589377	0.12	cps
Bismuth	209-2	658382	655875	655619	656625	0.23	cps
Boron	10-1	1283	1400	1292	1325	4.91	cps
Boron	11-1	6510	6402	7185	6699	6.34	cps
Cadmium	111-1	630	613	564	602	5.65	cps
Cadmium	106-1	750	708	667	708	5.88	cps
Cadmium	108-1	29	17	33	26	32.86	cps
Calcium	43-1	51006	50206	49999	50403	1.05	cps
Calcium	44-1	883360	875541	872726	877209	0.63	cps
Chromium	52-2	115573	116234	114961	115589	0.55	cps
Cobalt	59-2	1934	1944	1950	1942	0.43	cps
Copper	63-2	34463	34503	34884	34617	0.67	cps
Dysprosium	156-1	525	358	517	467	20.12	cps
Dysprosium	156-2	167	203	140	170	18.71	cps
Erbium	164-1	567	417	633	539	20.59	cps
Erbium	164-2	127	163	113	134	19.26	cps
Gadolinium	160-1	475	492	450	472	4.44	cps
Gadolinium	160-2	207	187	197	197	5.08	cps
Holmium	165-1	2872534	2890031	2872567	2878377	0.35	cps
Holmium	165-2	920759	921724	918604	920362	0.17	cps
Indium	115-1	2807524	2845051	2834129	2828901	0.68	cps
Indium	115-2	192371	193254	191106	192244	0.56	cps
Iron	56-2	830905	822689	820011	824535	0.69	cps
Iron	57-2	21155	21150	20221	20842	2.58	cps
Krypton	83-1	687	567	640	631	9.58	cps
Lead	206-1	411	500	328	413	20.86	cps
Lead	207-1	317	367	356	346	7.58	cps
Lead	208-1	1900	2200	1722	1941	12.44	cps
Lithium	6-1	193692	189642	192510	191948	1.08	cps
Magnesium	24-2	34359	34627	34343	34443	0.46	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-13DL2X20 Instrumnet Name : P8
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-11 19:29:13 DataFile Name : 082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200917	198310	198681	199303	0.71	cps
Molybdenum	94-1	2525	1917	2075	2173	14.53	cps
Molybdenum	95-1	992	1108	1175	1092	8.50	cps
Molybdenum	96-1	1233	1258	1092	1195	7.53	cps
Molybdenum	97-1	1092	1000	883	992	10.53	cps
Molybdenum	98-1	1375	1492	1508	1458	4.98	cps
Neodymium	150-1	507	573	407	496	16.93	cps
Neodymium	150-2	100	80	137	106	27.23	cps
Nickel	60-2	1867	1897	1960	1908	2.50	cps
Phosphorus	31-2	25	25	33	28	17.33	cps
Potassium	39-2	9370	9020	8803	9064	3.16	cps
Rhodium	103-1	2811233	2822083	2814381	2815899	0.20	cps
Rhodium	103-2	1064485	1064845	1074382	1067904	0.53	cps
Scandium	45-1	2036725	2081011	2066978	2061571	1.10	cps
Scandium	45-2	28198	27678	27955	27944	0.93	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	-220	-109	-117	-148	-41.87	cps
Silicon	28-1	1568170	1563248	1576370	1569263	0.42	cps
Silver	109-1	4935	5360	5243	5179	4.24	cps
Silver	107-1	5685	5676	5585	5649	0.98	cps
Sodium	23-2	3547293	3537878	3495276	3526816	0.79	cps
Strontium	86-1	13132	13591	13249	13324	1.79	cps
Strontium	88-1	108673	107807	107958	108146	0.43	cps
Sulfur	34-1	289215	287580	284318	287038	0.87	cps
Terbium	159-1	3091994	3096902	3064403	3084433	0.57	cps
Terbium	159-2	938865	936129	928475	934489	0.58	cps
Thallium	203-1	33	33	42	36	13.33	cps
Thallium	205-1	75	100	133	103	28.48	cps
Tin	118-1	425	417	367	403	7.83	cps
Titanium	47-1	858	692	667	739	14.10	cps
Uranium	238-1	217	350	317	294	23.57	cps
Vanadium	51-2	103	90	83	92	11.05	cps
Yttrium	89-1	3312095	3337791	3314965	3321617	0.42	cps
Yttrium	89-2	162584	162008	164487	163027	0.80	cps
Zinc	66-2	1440	1377	1277	1365	6.04	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-13DL2X20	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-11 19:29:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4534	4618	4176	4443	5.28	cps
Zirconium	91-1	1142	1017	1050	1070	6.05	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-15DL2X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:32:41 DataFile Name : 083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	63	73	64	11.90	cps
Antimony	121-1	575	550	525	550	4.55	cps
Arsenic	75-2	13	19	28	20	37.90	cps
Barium	135-1	25467	25617	26302	25796	1.73	cps
Barium	137-1	45680	45295	45604	45527	0.45	cps
Beryllium	9-1	13	30	20	21	39.75	cps
Bismuth	209-1	1563819	1563517	1554049	1560461	0.36	cps
Bismuth	209-2	618595	613216	618717	616843	0.51	cps
Boron	10-1	458	508	508	492	5.87	cps
Boron	11-1	2900	2575	2634	2703	6.41	cps
Cadmium	111-1	578	548	492	540	8.11	cps
Cadmium	106-1	825	758	683	756	9.38	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	187107	185181	181986	184758	1.40	cps
Calcium	44-1	3104008	3109901	3070484	3094798	0.69	cps
Chromium	52-2	300285	302477	301510	301424	0.36	cps
Cobalt	59-2	77	67	103	82	23.05	cps
Copper	63-2	1393	1400	1363	1386	1.41	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	50	0	31	87.67	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	2784765	2840943	2807308	2811005	1.01	cps
Holmium	165-2	859428	860867	848645	856313	0.78	cps
Indium	115-1	2742187	2697406	2722080	2720558	0.82	cps
Indium	115-2	177881	180187	178221	178763	0.70	cps
Iron	56-2	5851	5712	5579	5714	2.38	cps
Iron	57-2	161	133	167	154	11.62	cps
Krypton	83-1	570	547	630	582	7.38	cps
Lead	206-1	217	183	350	250	35.28	cps
Lead	207-1	206	289	256	250	16.78	cps
Lead	208-1	1239	1283	1478	1333	9.53	cps
Lithium	6-1	192141	192671	192915	192575	0.21	cps
Magnesium	24-2	101251	100555	100580	100795	0.39	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DL2X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:32:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	153	150	153	2.17	cps
Molybdenum	94-1	350	408	375	378	7.75	cps
Molybdenum	95-1	150	158	133	147	8.65	cps
Molybdenum	96-1	142	208	175	175	19.05	cps
Molybdenum	97-1	417	408	533	453	15.44	cps
Molybdenum	98-1	242	192	275	236	17.76	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	317	283	293	298	5.75	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	9429	9187	9062	9226	2.02	cps
Rhodium	103-1	2733100	2716623	2731474	2727065	0.33	cps
Rhodium	103-2	995346	1002234	1003181	1000253	0.43	cps
Scandium	45-1	1925623	1914282	1916014	1918640	0.32	cps
Scandium	45-2	25617	25477	26024	25706	1.11	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-133	-143	-200	-159	-22.91	cps
Silicon	28-1	2558746	2543425	2500921	2534364	1.18	cps
Silver	109-1	617	475	600	564	13.73	cps
Silver	107-1	617	642	742	667	9.92	cps
Sodium	23-2	964135	954943	964396	961158	0.56	cps
Strontium	86-1	41514	40653	40411	40859	1.42	cps
Strontium	88-1	346799	340161	345163	344041	1.01	cps
Sulfur	34-1	284532	276169	274120	278274	1.98	cps
Terbium	159-1	2986710	3006772	2996385	2996622	0.33	cps
Terbium	159-2	865545	868058	874980	869528	0.56	cps
Thallium	203-1	67	58	42	56	22.91	cps
Thallium	205-1	142	142	58	114	42.24	cps
Tin	118-1	308	300	350	319	8.39	cps
Titanium	47-1	167	142	117	142	17.65	cps
Uranium	238-1	733	708	750	731	2.87	cps
Vanadium	51-2	160	133	163	152	10.80	cps
Yttrium	89-1	3152119	3189273	3158768	3166720	0.63	cps
Yttrium	89-2	150513	148578	149982	149691	0.67	cps
Zinc	66-2	430	403	543	459	16.20	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-15DL2X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:32:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	708	633	608	650	8.01	cps
Zirconium	91-1	167	100	142	136	24.74	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-17DL2X25 Instrumnet Name : P8
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-11 19:36:09 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	223	235	222	6.21	cps
Antimony	121-1	58	133	58	83	51.96	cps
Arsenic	75-2	24	17	15	19	26.45	cps
Barium	135-1	692	683	700	692	1.20	cps
Barium	137-1	1267	1358	1242	1289	4.77	cps
Beryllium	9-1	17	23	13	18	28.64	cps
Bismuth	209-1	1649428	1598121	1602827	1616792	1.75	cps
Bismuth	209-2	662555	653459	661047	659020	0.74	cps
Boron	10-1	617	642	783	681	13.21	cps
Boron	11-1	3692	3776	3684	3717	1.36	cps
Cadmium	111-1	522	468	458	483	7.15	cps
Cadmium	106-1	717	633	625	658	7.70	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	12943	13036	13216	13065	1.06	cps
Calcium	44-1	261891	260109	262537	261512	0.48	cps
Chromium	52-2	29194	29478	30119	29597	1.60	cps
Cobalt	59-2	1087	1213	1170	1157	5.57	cps
Copper	63-2	4511	4387	3904	4267	7.52	cps
Dysprosium	156-1	50	92	125	89	42.28	cps
Dysprosium	156-2	23	40	37	33	26.47	cps
Erbium	164-1	192	100	75	122	50.26	cps
Erbium	164-2	50	30	40	40	25.00	cps
Gadolinium	160-1	125	67	100	97	30.10	cps
Gadolinium	160-2	40	30	27	32	21.53	cps
Holmium	165-1	2863802	2882028	2890706	2878845	0.48	cps
Holmium	165-2	912770	901688	906155	906871	0.61	cps
Indium	115-1	2816854	2819840	2789751	2808815	0.59	cps
Indium	115-2	191091	189224	190318	190211	0.49	cps
Iron	56-2	1271290	1259684	1268597	1266524	0.48	cps
Iron	57-2	32271	30913	31581	31588	2.15	cps
Krypton	83-1	523	597	670	597	12.29	cps
Lead	206-1	356	361	433	383	11.32	cps
Lead	207-1	350	289	328	322	9.60	cps
Lead	208-1	1789	1583	1822	1732	7.47	cps
Lithium	6-1	194268	189719	191402	191796	1.20	cps
Magnesium	24-2	8936	8870	9429	9078	3.36	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:36:09	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	195177	194124	192780	194027	0.62	cps
Molybdenum	94-1	2592	2509	2342	2481	5.13	cps
Molybdenum	95-1	175	258	250	228	20.15	cps
Molybdenum	96-1	683	717	742	714	4.10	cps
Molybdenum	97-1	458	517	483	486	6.02	cps
Molybdenum	98-1	317	400	358	358	11.63	cps
Neodymium	150-1	80	87	133	100	29.06	cps
Neodymium	150-2	30	13	13	19	50.96	cps
Nickel	60-2	1123	963	1083	1057	7.88	cps
Phosphorus	31-2	8	42	0	17	132.30	cps
Potassium	39-2	12306	12556	12289	12384	1.21	cps
Rhodium	103-1	2846606	2798414	2816361	2820460	0.86	cps
Rhodium	103-2	1059789	1058648	1062000	1060146	0.16	cps
Scandium	45-1	2045244	2014197	2007526	2022323	1.00	cps
Scandium	45-2	27901	27614	26999	27505	1.67	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-100	-119	-238	-152	-49.14	cps
Silicon	28-1	849749	855573	855779	853700	0.40	cps
Silver	109-1	842	808	858	836	3.04	cps
Silver	107-1	1025	883	892	933	8.52	cps
Sodium	23-2	616409	612959	614034	614467	0.29	cps
Strontium	86-1	12398	12982	12314	12565	2.89	cps
Strontium	88-1	99798	98119	97480	98466	1.22	cps
Sulfur	34-1	283828	280935	282695	282486	0.52	cps
Terbium	159-1	3080690	3050769	3094270	3075243	0.72	cps
Terbium	159-2	924203	924714	923483	924133	0.07	cps
Thallium	203-1	25	33	42	33	25.01	cps
Thallium	205-1	108	75	125	103	24.77	cps
Tin	118-1	208	267	300	258	17.96	cps
Titanium	47-1	175	208	225	203	12.55	cps
Uranium	238-1	0	92	42	44	103.27	cps
Vanadium	51-2	43	53	67	54	21.51	cps
Yttrium	89-1	3342195	3283035	3265719	3296983	1.22	cps
Yttrium	89-2	161769	160275	161613	161219	0.51	cps
Zinc	66-2	517	500	540	519	3.87	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-17DL2X25	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	25
Date & Time Acquired ::	2019-01-11 19:36:09	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7261	6677	6835	6924	4.36	cps
Zirconium	91-1	1550	1517	1475	1514	2.48	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-19DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:39:37 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2148	2226	2258	2211	2.56	cps
Antimony	121-1	733	908	917	853	12.14	cps
Arsenic	75-2	48	31	57	46	28.77	cps
Barium	135-1	2200	1725	1817	1914	13.17	cps
Barium	137-1	3334	3326	3117	3259	3.77	cps
Beryllium	9-1	30	30	27	29	6.65	cps
Bismuth	209-1	1571508	1570925	1574564	1572332	0.12	cps
Bismuth	209-2	623299	621628	621367	622098	0.17	cps
Boron	10-1	650	583	458	564	17.26	cps
Boron	11-1	2684	2675	2750	2703	1.52	cps
Cadmium	111-1	561	574	533	556	3.76	cps
Cadmium	106-1	742	767	725	745	2.82	cps
Cadmium	108-1	29	13	29	24	40.76	cps
Calcium	43-1	8309	8219	8383	8304	0.99	cps
Calcium	44-1	187901	185333	185374	186202	0.79	cps
Chromium	52-2	796259	789010	789679	791649	0.51	cps
Cobalt	59-2	313	313	290	306	4.41	cps
Copper	63-2	46966	46949	47073	46996	0.14	cps
Dysprosium	156-1	300	300	433	344	22.35	cps
Dysprosium	156-2	133	143	113	130	11.75	cps
Erbium	164-1	367	250	333	317	18.98	cps
Erbium	164-2	80	93	90	88	7.91	cps
Gadolinium	160-1	400	400	325	375	11.55	cps
Gadolinium	160-2	177	157	147	160	9.55	cps
Holmium	165-1	2830819	2858441	2866912	2852057	0.66	cps
Holmium	165-2	867178	862220	863836	864411	0.29	cps
Indium	115-1	2716822	2709832	2741982	2722879	0.62	cps
Indium	115-2	180544	178257	178473	179091	0.71	cps
Iron	56-2	102021	100924	100773	101239	0.67	cps
Iron	57-2	2573	2578	2506	2552	1.57	cps
Krypton	83-1	613	640	647	633	2.78	cps
Lead	206-1	772	856	750	793	7.02	cps
Lead	207-1	539	556	611	569	6.65	cps
Lead	208-1	3234	3528	3395	3385	4.36	cps
Lithium	6-1	192213	190347	190112	190891	0.60	cps
Magnesium	24-2	10621	9704	10162	10162	4.51	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:39:37	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4177	4327	4374	4293	2.39	cps
Molybdenum	94-1	7002	6393	7519	6972	8.08	cps
Molybdenum	95-1	967	842	742	850	13.26	cps
Molybdenum	96-1	2117	2192	2284	2198	3.80	cps
Molybdenum	97-1	1067	917	983	989	7.60	cps
Molybdenum	98-1	1400	1267	1550	1406	10.09	cps
Neodymium	150-1	433	513	413	453	11.67	cps
Neodymium	150-2	70	113	83	89	24.97	cps
Nickel	60-2	1550	1303	1510	1455	9.10	cps
Phosphorus	31-2	33	83	67	61	41.66	cps
Potassium	39-2	6585	6327	6527	6480	2.09	cps
Rhodium	103-1	2763480	2718488	2771546	2751172	1.04	cps
Rhodium	103-2	1014510	1007459	1008709	1010226	0.37	cps
Scandium	45-1	1955362	1906245	1909690	1923766	1.43	cps
Scandium	45-2	25407	25490	25533	25477	0.25	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-133	-151	-171	-152	-12.61	cps
Silicon	28-1	741913	727397	721317	730209	1.45	cps
Silver	109-1	15168	14926	15451	15181	1.73	cps
Silver	107-1	16136	14792	15843	15590	4.53	cps
Sodium	23-2	3813703	3697091	3821993	3777596	1.85	cps
Strontium	86-1	4226	4067	4176	4156	1.95	cps
Strontium	88-1	30694	30126	29875	30232	1.39	cps
Sulfur	34-1	267648	264990	259329	263989	1.61	cps
Terbium	159-1	3040069	3052959	3060768	3051265	0.34	cps
Terbium	159-2	872351	885146	883711	880403	0.80	cps
Thallium	203-1	50	33	33	39	24.75	cps
Thallium	205-1	100	75	100	92	15.75	cps
Tin	118-1	533	717	592	614	15.26	cps
Titanium	47-1	333	358	317	336	6.24	cps
Uranium	238-1	725	675	467	622	22.02	cps
Vanadium	51-2	317	367	387	357	10.11	cps
Yttrium	89-1	3217710	3163646	3212535	3197964	0.93	cps
Yttrium	89-2	151702	151197	152622	151840	0.48	cps
Zinc	66-2	457	460	487	468	3.52	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-19DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:39:37	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17571	17103	17612	17429	1.62	cps
Zirconium	91-1	3767	3876	3867	3837	1.57	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:43:05 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	93	125	108	15.25	cps
Antimony	121-1	925	992	1042	986	5.94	cps
Arsenic	75-2	13	17	13	14	15.09	cps
Barium	135-1	26611	26027	25993	26210	1.33	cps
Barium	137-1	47118	44250	45421	45596	3.16	cps
Beryllium	9-1	20	7	13	13	49.99	cps
Bismuth	209-1	1559116	1563398	1576958	1566491	0.59	cps
Bismuth	209-2	618484	623263	615274	619007	0.65	cps
Boron	10-1	617	583	592	597	2.91	cps
Boron	11-1	2809	2967	3134	2970	5.47	cps
Cadmium	111-1	453	447	428	443	2.94	cps
Cadmium	106-1	642	625	608	625	2.67	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	176428	176479	173333	175413	1.03	cps
Calcium	44-1	2978994	2947650	2878801	2935148	1.75	cps
Chromium	52-2	264870	264150	262597	263872	0.44	cps
Cobalt	59-2	127	90	120	112	17.41	cps
Copper	63-2	1007	997	960	988	2.49	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	2822000	2847240	2790648	2819963	1.01	cps
Holmium	165-2	851281	845612	851520	849471	0.39	cps
Indium	115-1	2731834	2768049	2718417	2739433	0.94	cps
Indium	115-2	177578	173866	173382	174942	1.31	cps
Iron	56-2	11750	11616	11555	11640	0.85	cps
Iron	57-2	372	272	311	319	15.83	cps
Krypton	83-1	723	673	717	704	3.85	cps
Lead	206-1	328	244	183	252	28.79	cps
Lead	207-1	211	244	189	215	13.02	cps
Lead	208-1	1333	1356	1139	1276	9.34	cps
Lithium	6-1	191172	193184	191734	192030	0.54	cps
Magnesium	24-2	80780	80110	78969	79953	1.15	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : K1089-21DL3X5 Instrumnet Name : P8
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-11 19:43:05 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	793	897	880	857	6.48	cps
Molybdenum	94-1	675	617	558	617	9.46	cps
Molybdenum	95-1	900	967	858	908	6.02	cps
Molybdenum	96-1	1050	1050	1083	1061	1.81	cps
Molybdenum	97-1	900	1050	958	970	7.80	cps
Molybdenum	98-1	1467	1150	1584	1400	16.02	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	357	333	327	339	4.65	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	10604	10171	10454	10410	2.12	cps
Rhodium	103-1	2663148	2671985	2724689	2686607	1.24	cps
Rhodium	103-2	997488	996109	997827	997141	0.09	cps
Scandium	45-1	1899684	1884731	1857517	1880644	1.14	cps
Scandium	45-2	25350	25393	24889	25211	1.11	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-305	-244	-286	-278	-11.25	cps
Silicon	28-1	2651960	2664800	2558058	2624939	2.22	cps
Silver	109-1	442	658	517	539	20.42	cps
Silver	107-1	525	567	533	542	4.07	cps
Sodium	23-2	1007660	1008726	988955	1001780	1.11	cps
Strontium	86-1	29984	30385	29842	30070	0.94	cps
Strontium	88-1	252094	252357	249808	251420	0.56	cps
Sulfur	34-1	265586	263965	259580	263044	1.18	cps
Terbium	159-1	2992739	2976517	2998143	2989133	0.38	cps
Terbium	159-2	867784	871828	860383	866665	0.67	cps
Thallium	203-1	42	25	42	36	26.65	cps
Thallium	205-1	117	133	58	103	38.31	cps
Tin	118-1	383	425	425	411	5.85	cps
Titanium	47-1	233	283	242	253	10.60	cps
Uranium	238-1	308	350	333	331	6.34	cps
Vanadium	51-2	160	183	173	172	6.80	cps
Yttrium	89-1	3159668	3108503	3139355	3135842	0.82	cps
Yttrium	89-2	148841	149221	147688	148584	0.54	cps
Zinc	66-2	347	340	300	329	7.67	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	K1089-21DL3X5	Instrumnet Name :	P8
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-11 19:43:05	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	233	242	239	2.01	cps
Zirconium	91-1	509	108	75	231	104.69	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328634	333929	333104	331889	0.86	cps
Antimony	121-1	2030250	2025018	2021963	2025744	0.21	cps
Arsenic	75-2	47860	48734	48700	48431	1.02	cps
Barium	135-1	1950863	1935760	1944447	1943690	0.39	cps
Barium	137-1	3361294	3375285	3337175	3357918	0.57	cps
Beryllium	9-1	218831	223809	224441	222360	1.38	cps
Bismuth	209-1	1570558	1567403	1555057	1564340	0.52	cps
Bismuth	209-2	690027	684364	686852	687081	0.41	cps
Boron	10-1	32045	32263	33816	32708	2.95	cps
Boron	11-1	163110	166053	168515	165893	1.63	cps
Cadmium	111-1	435681	432831	438571	435694	0.66	cps
Cadmium	106-1	44918	46280	45545	45581	1.50	cps
Cadmium	108-1	31529	31917	31470	31639	0.77	cps
Calcium	43-1	2765682	2798402	2806061	2790048	0.77	cps
Calcium	44-1	45112438	44804888	45252464	45056597	0.51	cps
Chromium	52-2	380312	380289	381978	380860	0.25	cps
Cobalt	59-2	730539	733086	732968	732198	0.20	cps
Copper	63-2	1190929	1193261	1197428	1193873	0.28	cps
Dysprosium	156-1	42	92	33	56	56.79	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	2987011	2989110	2925156	2967093	1.22	cps
Holmium	165-2	1003273	995431	994496	997733	0.48	cps
Indium	115-1	2807964	2800571	2811251	2806595	0.19	cps
Indium	115-2	201543	205358	204145	203682	0.96	cps
Iron	56-2	64816522	64587379	64227342	64543748	0.46	cps
Iron	57-2	1657729	1649026	1640788	1649181	0.51	cps
Krypton	83-1	650	523	653	609	12.17	cps
Lead	206-1	856177	856651	836509	849779	1.35	cps
Lead	207-1	765626	754806	750287	756906	1.04	cps
Lead	208-1	4301773	4283493	4234456	4273241	0.81	cps
Lithium	6-1	205505	205820	206377	205901	0.21	cps
Magnesium	24-2	7151585	7303264	7179478	7211442	1.12	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	225062	227130	227458	226550	0.57	cps
Molybdenum	94-1	3824612	3840375	3837870	3834285	0.22	cps
Molybdenum	95-1	4707186	4742144	4746174	4731835	0.45	cps
Molybdenum	96-1	5185888	5250271	5265620	5233926	0.81	cps
Molybdenum	97-1	2883366	2912848	2887818	2894678	0.55	cps
Molybdenum	98-1	7454817	7527831	7451966	7478205	0.58	cps
Neodymium	150-1	93	93	100	96	4.02	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	212134	212438	214502	213025	0.60	cps
Phosphorus	31-2	4926	5468	5493	5296	6.05	cps
Potassium	39-2	2195041	2287422	2259067	2247177	2.11	cps
Rhodium	103-1	2782323	2806554	2793610	2794162	0.43	cps
Rhodium	103-2	1094142	1092900	1089573	1092205	0.22	cps
Scandium	45-1	2270039	2224064	2258151	2250751	1.06	cps
Scandium	45-2	31075	31810	31699	31528	1.26	cps
Selenium	77-2	370	390	337	366	7.37	cps
Selenium	78-2	1213	1282	1243	1246	2.76	cps
Selenium	82-1	32628	32955	32322	32635	0.97	cps
Silicon	28-1	1285300	1277634	1332235	1298389	2.28	cps
Silver	109-1	2112519	2128049	2129147	2123238	0.44	cps
Silver	107-1	2219781	2207544	2241200	2222842	0.77	cps
Sodium	23-2	16378824	16401513	16572850	16451062	0.64	cps
Strontium	86-1	586633	592922	596478	592011	0.84	cps
Strontium	88-1	5151059	5192969	5148074	5164034	0.49	cps
Sulfur	34-1	474125	474105	480358	476196	0.76	cps
Terbium	159-1	3188369	3145946	3130360	3154892	0.95	cps
Terbium	159-2	1006915	1016415	1006446	1009925	0.56	cps
Thallium	203-1	1061901	1059934	1044314	1055383	0.91	cps
Thallium	205-1	2626620	2623743	2604080	2618147	0.47	cps
Tin	118-1	1323054	1317256	1320962	1320424	0.22	cps
Titanium	47-1	1475159	1485398	1499944	1486834	0.84	cps
Uranium	238-1	3283118	3252526	3213943	3249863	1.07	cps
Vanadium	51-2	277853	277719	277799	277790	0.02	cps
Yttrium	89-1	3443021	3430326	3435709	3436352	0.19	cps
Yttrium	89-2	178523	180249	178830	179201	0.51	cps
Zinc	66-2	127200	127224	127661	127362	0.20	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:47:45	DataFile Name :	087CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3251104	3259074	3229691	3246623	0.47	cps
Zirconium	91-1	695312	696773	696347	696144	0.11	cps

LB Number : LB100281 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P8
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-11 19:51:03 DataFile Name : 088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	58	55	56	2.59	cps
Antimony	121-1	775	917	983	892	11.93	cps
Arsenic	75-2	9	6	11	9	32.69	cps
Barium	135-1	75	67	75	72	6.66	cps
Barium	137-1	117	125	67	103	30.70	cps
Beryllium	9-1	67	47	33	49	34.32	cps
Bismuth	209-1	1656521	1674646	1610730	1647299	2.00	cps
Bismuth	209-2	706764	704914	705978	705885	0.13	cps
Boron	10-1	383	292	300	325	15.60	cps
Boron	11-1	1725	1609	1325	1553	13.25	cps
Cadmium	111-1	518	511	521	517	1.02	cps
Cadmium	106-1	733	700	725	719	2.41	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	340	250	233	274	20.91	cps
Calcium	44-1	61832	62766	60697	61765	1.68	cps
Chromium	52-2	2037	1914	1980	1977	3.12	cps
Cobalt	59-2	110	140	70	107	32.92	cps
Copper	63-2	183	177	150	170	10.38	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	2893642	2842803	2917838	2884761	1.33	cps
Holmium	165-2	978863	976948	973333	976381	0.29	cps
Indium	115-1	2845782	2856615	2837553	2846650	0.34	cps
Indium	115-2	207893	206816	207937	207549	0.31	cps
Iron	56-2	5651	5451	5524	5542	1.83	cps
Iron	57-2	194	128	189	170	21.71	cps
Krypton	83-1	587	640	507	578	11.62	cps
Lead	206-1	472	550	506	509	7.66	cps
Lead	207-1	506	550	428	494	12.51	cps
Lead	208-1	2661	2645	2517	2608	3.03	cps
Lithium	6-1	212167	208654	210605	210476	0.84	cps
Magnesium	24-2	508	342	367	406	22.16	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:51:03	DataFile Name :	088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	113	137	120	12.11	cps
Molybdenum	94-1	392	425	308	375	16.03	cps
Molybdenum	95-1	450	475	300	408	23.18	cps
Molybdenum	96-1	617	558	433	536	17.47	cps
Molybdenum	97-1	558	675	450	561	20.05	cps
Molybdenum	98-1	758	625	658	681	10.20	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	87	97	89	7.80	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	5285	5343	4943	5190	4.16	cps
Rhodium	103-1	2918976	2884948	2903207	2902377	0.59	cps
Rhodium	103-2	1134647	1129353	1127591	1130530	0.32	cps
Scandium	45-1	2229611	2249116	2262322	2247016	0.73	cps
Scandium	45-2	30290	30617	29989	30298	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-118	-176	-35	-109	-64.60	cps
Silicon	28-1	195640	195166	194557	195121	0.28	cps
Silver	109-1	217	133	192	181	23.68	cps
Silver	107-1	258	217	133	203	31.39	cps
Sodium	23-2	18613	18070	17937	18207	1.97	cps
Strontium	86-1	792	650	692	711	10.24	cps
Strontium	88-1	258	158	108	175	43.64	cps
Sulfur	34-1	311360	311661	308210	310411	0.62	cps
Terbium	159-1	3099641	3136454	3059171	3098422	1.25	cps
Terbium	159-2	991811	986276	996074	991387	0.50	cps
Thallium	203-1	583	292	250	375	48.43	cps
Thallium	205-1	858	808	525	731	24.61	cps
Tin	118-1	275	417	283	325	24.46	cps
Titanium	47-1	83	75	75	78	6.19	cps
Uranium	238-1	108	58	75	81	31.60	cps
Vanadium	51-2	3	30	33	22	74.00	cps
Yttrium	89-1	3433730	3424834	3343085	3400550	1.47	cps
Yttrium	89-2	175634	172889	175127	174550	0.84	cps
Zinc	66-2	90	90	73	84	11.39	cps

LB Number :	LB100281	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-01-11 19:51:03	DataFile Name :	088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	408	225	311	29.63	cps
Zirconium	91-1	42	92	92	75	38.49	cps