Sequence No.: 14
Sample ID: LR67 M SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 35
Date Collected: 10/9/2007 4:04:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 M SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 M SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1848669.3	103.6	%	0.39				0.38%
ScR 361.383	162463.3	110.8	%	0.50				0.45%
Ag 328.068†	-873.8	-0.00004	mg/L	0.000184	-0.00008	mg/L	0.000369	454.73%
Al 308.215†	194299.5	115.8	mg/L	0.13	231.6	mg/L	0.27	0.12%
As 188.979†	103.2	0.04599	mg/L	0.002636	0.09199	mg/L	0.005273	5.73%
B 249.677†	29.2	0.02759	mg/L	0.002421	0.05518	mg/L	0.004842	8.78%
Ba 233.527†	1501.3	0.2556	mg/L	0.00064	0.5112	mg/L	0.00129	0.25%
Be 313.042†	656.1	0.00130	mg/L	0.000046	0.00261	mg/L	0.000092	3.55%
Ca 317.933†	1072616.6	103.6	mg/L	0.27	207.2	mg/L	0.54	0.26%
Cd 228.802†	45.2	0.00050	mg/L	0.000176	0.00101	mg/L	0.000351	34.83%
Co 228.616†	4207.6	0.06022	mg/L	0.000449	0.1204	mg/L	0.00090	0.74%
Cr 267.716†	763.6	0.1836	mg/L	0.00019	0.3671	mg/L	0.00038	0.10%
Cu 324.752†	41306.7	0.2006	mg/L	0.00019	0.4013	mg/L	0.00038	0.10%
Fe 273.955†	197643.4	159.3	mg/L	0.35	318.5	mg/L	0.69	0.22%
K 766.490†	7437.5	5.449	mg/L	0.0422	10.90	mg/L	0.084	0.77%
Mg 279.077†	83056.9	66.14	mg/L	0.096	132.3	mg/L	0.19	0.14%
Mn 257.610†	73006.6	2.490	mg/L	0.0060	4.980	mg/L	0.0119	0.24%
Mo 202.031†	29.4	0.00707	mg/L	0.000800	0.01415	mg/L	0.001599	11.30%
Na 589.592†	5801.6	2.809	mg/L	0.0083	5.617	mg/L	0.0166	0.30%
Na 330.237†	36.6	2.745	mg/L	0.4406	5.490	mg/L	0.8812	16.05%
Ni 231.604†	174.6	0.1406	mg/L	0.00289	0.2811	mg/L	0.00578	2.06%
Pb 220.353†	134.4	0.04273	mg/L	0.000662	0.08546	mg/L	0.001324	1.55%
Sb 206.836†	-34.6	0.00240	mg/L	0.001480	0.00480	mg/L	0.002960	61.68%
Se 196.026†	-103.0	-0.03612	mg/L	0.003584	-0.07225	mg/L	0.007168	9.92%
Si 288.158†	2435.3	1.397	mg/L	0.0070	2.795	mg/L	0.0141	0.50%
Sn 189.927†	-23.9	-0.00933	mg/L	0.000774	-0.01865	mg/L	0.001547	8.29%
Sr 421.552†	95244.3	0.3070	mg/L	0.00083	0.6140	mg/L	0.00165	0.27%
Ti 334.903†	170316.4	8.117	mg/L	0.0150	16.23	mg/L	0.030	0.18%
Tl 190.801†	-10.0	-0.01889	mg/L	0.003254	-0.03778	mg/L	0.006509	17.23%
V 292.402†	47177.7	0.3761	mg/L	0.00116	0.7521	mg/L	0.00232	0.31%
Zn 206.200†	351.3	0.3319	mg/L	0.00141	0.6637	mg/L	0.00283	0.43%

Sequence No.: 15
Sample ID: LR67 N SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 36
Date Collected: 10/9/2007 4:10:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 N SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 N SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1867489.0	104.6	%	0.59				0.57%
ScR 361.383	163257.1	111.3	%	0.23				0.21%
Ag 328.068†	-774.6	0.00007	mg/L	0.000803	0.00013	mg/L	0.001607	>999.9%
Al 308.215†	167904.7	100.1	mg/L	0.32	200.1	mg/L	0.64	0.32%
As 188.979†	90.1	0.03678	mg/L	0.004942	0.07355	mg/L	0.009884	13.44%
B 249.677†	36.0	0.02970	mg/L	0.002357	0.05940	mg/L	0.004714	7.94%
Ba 233.527†	1172.1	0.1987	mg/L	0.00050	0.3975	mg/L	0.00100	0.25%
Be 313.042†	675.3	0.00127	mg/L	0.000018	0.00254	mg/L	0.000036	1.40%
Ca 317.933†	741109.1	71.57	mg/L	0.534	143.1	mg/L	1.07	0.75%
Cd 228.802†	162.0	0.00336	mg/L	0.000187	0.00672	mg/L	0.000374	5.57%
Co 228.616†	3908.7	0.05142	mg/L	0.000664	0.1028	mg/L	0.00133	1.29%
Cr 267.716†	851.7	0.2042	mg/L	0.00167	0.4085	mg/L	0.00335	0.82%
Cu 324.752†	42780.7	0.2055	mg/L	0.00015	0.4111	mg/L	0.00030	0.07%
Fe 273.955†	178737.7	144.0	mg/L	0.24	288.0	mg/L	0.49	0.17%
K 766.490†	6704.1	4.911	mg/L	0.0474	9.823	mg/L	0.0948	0.97%
Mg 279.077†	69987.3	55.73	mg/L	0.242	111.5	mg/L	0.48	0.43%
Mn 257.610†	55011.9	1.876	mg/L	0.0022	3.753	mg/L	0.0043	0.12%
Mo 202.031†	25.9	0.00677	mg/L	0.000358	0.01354	mg/L	0.000716	5.29%
Na 589.592†	4686.7	2.269	mg/L	0.0047	4.538	mg/L	0.0095	0.21%
Na 330.237†	21.8	2.074	mg/L	0.2063	4.148	mg/L	0.4125	9.95%
Ni 231.604†	160.1	0.1289	mg/L	0.00322	0.2578	mg/L	0.00644	2.50%
Pb 220.353†	2770.1	0.4120	mg/L	0.00330	0.8241	mg/L	0.00661	0.80%
Sb 206.836†	-35.7	0.00605	mg/L	0.002592	0.01211	mg/L	0.005183	42.81%
Se 196.026†	-85.6	-0.02912	mg/L	0.001149	-0.05824	mg/L	0.002298	3.95%
Si 288.158†	2129.3	1.222	mg/L	0.0092	2.443	mg/L	0.0184	0.75%
Sn 189.927†	-29.8	-0.01085	mg/L	0.002081	-0.02171	mg/L	0.004163	19.18%
Sr 421.552†	76273.5	0.2457	mg/L	0.00131	0.4914	mg/L	0.00261	0.53%
Ti 334.903†	206429.9	9.839	mg/L	0.0443	19.68	mg/L	0.089	0.45%
Tl 190.801†	-1.4	-0.01620	mg/L	0.000729	-0.03240	mg/L	0.001459	4.50%
V 292.402†	50710.5	0.4053	mg/L	0.00142	0.8107	mg/L	0.00284	0.35%
Zn 206.200†	1315.0	1.234	mg/L	0.0082	2.467	mg/L	0.0164	0.67%

Sequence No.: 16
Sample ID: LR67 O SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 37
Date Collected: 10/9/2007 4:16:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 O SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 O SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1869056.3	104.7	%	0.75				0.71%
ScR 361.383	160703.6	109.6	%	0.17				0.15%
Ag 328.068†	-184.4	0.00098	mg/L	0.000378	0.00195	mg/L	0.000756	38.78%
Al 308.215†	43281.3	25.79	mg/L	0.038	51.59	mg/L	0.076	0.15%
As 188.979†	90.6	0.06638	mg/L	0.002985	0.1328	mg/L	0.00597	4.50%
B 249.677†	43.5	0.02690	mg/L	0.002681	0.05380	mg/L	0.005362	9.97%
Ba 233.527†	4396.4	0.7639	mg/L	0.00248	1.528	mg/L	0.0050	0.32%
Be 313.042†	106.7	0.00016	mg/L	0.000030	0.00031	mg/L	0.000061	19.60%
Ca 317.933†	263217.9	25.42	mg/L	0.035	50.84	mg/L	0.070	0.14%
Cd 228.802†	197.8	0.00422	mg/L	0.000099	0.00845	mg/L	0.000198	2.35%
Co 228.616†	1468.5	0.02178	mg/L	0.000501	0.04357	mg/L	0.001001	2.30%
Cr 267.716†	387.2	0.09283	mg/L	0.001080	0.1857	mg/L	0.00216	1.16%
Cu 324.752†	598592.2	2.722	mg/L	0.0016	5.444	mg/L	0.0032	0.06%
Fe 273.955†	78414.0	63.18	mg/L	0.033	126.4	mg/L	0.07	0.05%
K 766.490†	1720.9	1.261	mg/L	0.0197	2.521	mg/L	0.0393	1.56%
Mg 279.077†	14560.5	11.58	mg/L	0.039	23.16	mg/L	0.079	0.34%
Mn 257.610†	21190.5	0.7264	mg/L	0.00270	1.453	mg/L	0.0054	0.37%
Mo 202.031†	27.7	0.00483	mg/L	0.001092	0.00967	mg/L	0.002185	22.59%
Na 589.592†	1188.1	0.5752	mg/L	0.01482	1.150	mg/L	0.0296	2.58%
Na 330.237†	50.3	-0.08229	mg/L	0.143491	-0.1646	mg/L	0.28698	174.37%
Ni 231.604†	59.0	0.04735	mg/L	0.001717	0.09469	mg/L	0.003433	3.63%
Pb 220.353†	43694.4	6.183	mg/L	0.0787	12.37	mg/L	0.157	1.27%
Sb 206.836†	31.4	0.02085	mg/L	0.002083	0.04169	mg/L	0.004165	9.99%
Se 196.026†	-32.7	-0.01177	mg/L	0.003030	-0.02355	mg/L	0.006060	25.73%
Si 288.158†	1434.4	0.8230	mg/L	0.00324	1.646	mg/L	0.0065	0.39%
Sn 189.927†	25.6	0.00535	mg/L	0.001046	0.01070	mg/L	0.002092	19.56%
Sr 421.552†	26232.9	0.08438	mg/L	0.000334	0.1688	mg/L	0.00067	0.40%
Ti 334.903†	48541.6	2.314	mg/L	0.0047	4.627	mg/L	0.0094	0.20%
Tl 190.801†	1.6	-0.00284	mg/L	0.000604	-0.00568	mg/L	0.001208	21.28%
V 292.402†	9681.6	0.07465	mg/L	0.001156	0.1493	mg/L	0.00231	1.55%
Zn 206.200†	5479.2	5.133	mg/L	0.0058	10.27	mg/L	0.012	0.11%

Sequence No.: 17
Sample ID: LR67 P SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 38
Date Collected: 10/9/2007 4:23:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 P SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 P SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1856084.3	104.0	%	0.41				0.39%
ScR 361.383	162794.3	111.0	%	1.24				1.11%
Ag 328.068†	-1220.1	0.00086	mg/L	0.000182	0.00171	mg/L	0.000364	21.26%
Al 308.215†	146829.2	87.51	mg/L	0.192	175.0	mg/L	0.38	0.22%
As 188.979†	110.5	0.06027	mg/L	0.003662	0.1205	mg/L	0.00732	6.08%
B 249.677†	45.3	0.04304	mg/L	0.000211	0.08608	mg/L	0.000422	0.49%
Ba 233.527†	2071.4	0.3516	mg/L	0.00377	0.7032	mg/L	0.00753	1.07%
Be 313.042†	511.3	0.00088	mg/L	0.000056	0.00175	mg/L	0.000112	6.41%
Ca 317.933†	558604.6	53.94	mg/L	0.216	107.9	mg/L	0.43	0.40%
Cd 228.802†	369.2	0.00821	mg/L	0.000157	0.01642	mg/L	0.000314	1.91%
Co 228.616†	7429.5	0.1192	mg/L	0.00079	0.2384	mg/L	0.00159	0.67%
Cr 267.716†	930.9	0.2247	mg/L	0.00298	0.4495	mg/L	0.00595	1.32%
Cu 324.752†	79660.9	0.3835	mg/L	0.00037	0.7669	mg/L	0.00074	0.10%
Fe 273.955†	310874.6	250.5	mg/L	0.24	501.0	mg/L	0.48	0.10%
K 766.490†	7504.8	5.498	mg/L	0.0563	11.00	mg/L	0.113	1.02%
Mg 279.077†	69304.4	55.15	mg/L	0.108	110.3	mg/L	0.22	0.20%
Mn 257.610†	112868.4	3.855	mg/L	0.0101	7.709	mg/L	0.0203	0.26%
Mo 202.031†	29.2	0.00722	mg/L	0.000865	0.01443	mg/L	0.001729	11.98%
Na 589.592†	4841.2	2.344	mg/L	0.0080	4.688	mg/L	0.0160	0.34%
Na 330.237†	480.0	-1.427	mg/L	0.4358	-2.855	mg/L	0.8716	30.53%
Ni 231.604†	232.4	0.1871	mg/L	0.00273	0.3742	mg/L	0.00545	1.46%
Pb 220.353†	46063.3	6.526	mg/L	0.0089	13.05	mg/L	0.018	0.14%
Sb 206.836†	-25.9	0.01921	mg/L	0.004001	0.03841	mg/L	0.008003	20.83%
Se 196.026†	-108.5	-0.03536	mg/L	0.011095	-0.07072	mg/L	0.022190	31.38%
Si 288.158†	2082.3	1.195	mg/L	0.0044	2.389	mg/L	0.0088	0.37%
Sn 189.927†	45.5	0.00363	mg/L	0.001303	0.00725	mg/L	0.002606	35.94%
Sr 421.552†	60533.5	0.1936	mg/L	0.00039	0.3871	mg/L	0.00078	0.20%
Ti 334.903†	171328.4	8.166	mg/L	0.0195	16.33	mg/L	0.039	0.24%
Tl 190.801†	-16.4	-0.02374	mg/L	0.003214	-0.04748	mg/L	0.006428	13.54%
V 292.402†	42311.0	0.3287	mg/L	0.00056	0.6573	mg/L	0.00111	0.17%
Zn 206.200†	48731.4	45.64	mg/L	0.062	91.28	mg/L	0.124	0.14%

Sequence No.: 18
Sample ID: LR67 Q SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 39
Date Collected: 10/9/2007 4:29:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 Q SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 Q SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1867500.9	104.6	%	0.90				0.86%
ScR 361.383	159973.7	109.1	%	0.09				0.08%
Ag 328.068†	-196.3	0.00026	mg/L	0.000382	0.00052	mg/L	0.000764	147.30%
Al 308.215†	103924.0	61.94	mg/L	0.090	123.9	mg/L	0.18	0.15%
As 188.979†	55.8	0.02620	mg/L	0.004170	0.05240	mg/L	0.008340	15.92%
B 249.677†	359.5	0.1833	mg/L	0.00320	0.3667	mg/L	0.00641	1.75%
Ba 233.527†	1860.3	0.3225	mg/L	0.00063	0.6451	mg/L	0.00126	0.19%
Be 313.042†	234.9	0.00047	mg/L	0.000077	0.00094	mg/L	0.000153	16.31%
Ca 317.933†	522908.1	50.50	mg/L	0.186	101.0	mg/L	0.37	0.37%
Cd 228.802†	165.2	0.00363	mg/L	0.000156	0.00727	mg/L	0.000312	4.29%
Co 228.616†	1455.3	0.01879	mg/L	0.000309	0.03757	mg/L	0.000618	1.65%
Cr 267.716†	1004.3	0.2385	mg/L	0.00133	0.4770	mg/L	0.00267	0.56%
Cu 324.752†	29449.8	0.1369	mg/L	0.00146	0.2738	mg/L	0.00292	1.07%
Fe 273.955†	54212.0	43.68	mg/L	0.031	87.37	mg/L	0.062	0.07%
K 766.490†	3849.8	2.820	mg/L	0.0094	5.641	mg/L	0.0187	0.33%
Mg 279.077†	21517.2	17.13	mg/L	0.009	34.27	mg/L	0.017	0.05%
Mn 257.610†	29565.9	1.009	mg/L	0.0038	2.017	mg/L	0.0076	0.38%
Mo 202.031†	32.0	0.00649	mg/L	0.000776	0.01299	mg/L	0.001551	11.94%
Na 589.592†	4433.8	2.147	mg/L	0.0213	4.293	mg/L	0.0425	0.99%
Na 330.237†	97.2	1.478	mg/L	0.4769	2.957	mg/L	0.9537	32.25%
Ni 231.604†	61.3	0.04934	mg/L	0.001063	0.09867	mg/L	0.002126	2.15%
Pb 220.353†	5125.8	0.7412	mg/L	0.00648	1.482	mg/L	0.0130	0.87%
Sb 206.836†	-19.1	-0.00094	mg/L	0.000371	-0.00188	mg/L	0.000742	39.50%
Se 196.026†	-44.4	-0.01729	mg/L	0.002026	-0.03458	mg/L	0.004052	11.72%
Si 288.158†	2016.1	1.157	mg/L	0.0013	2.314	mg/L	0.0027	0.12%
Sn 189.927†	-11.2	-0.00300	mg/L	0.000692	-0.00600	mg/L	0.001385	23.07%
Sr 421.552†	57795.3	0.1869	mg/L	0.00065	0.3737	mg/L	0.00129	0.35%
Ti 334.903†	81704.8	3.894	mg/L	0.0043	7.788	mg/L	0.0086	0.11%
Tl 190.801†	0.1	-0.00616	mg/L	0.003838	-0.01233	mg/L	0.007677	62.28%
V 292.402†	15781.8	0.1268	mg/L	0.00151	0.2536	mg/L	0.00302	1.19%
Zn 206.200†	6742.1	6.316	mg/L	0.0278	12.63	mg/L	0.056	0.44%

Sequence No.: 19
Sample ID: LR67 S SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 40
Date Collected: 10/9/2007 4:36:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 S SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 S SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1852232.3	103.8	%	0.99				0.95%
ScR 361.383	162207.6	110.6	%	0.33				0.30%
Ag 328.068†	-964.7	0.00003	mg/L	0.000231	0.00006	mg/L	0.000462	769.75%
Al 308.215†	212384.3	126.6	mg/L	0.20	253.2	mg/L	0.40	0.16%
As 188.979†	100.5	0.03905	mg/L	0.004567	0.07809	mg/L	0.009134	11.70%
B 249.677†	67.7	0.04837	mg/L	0.000742	0.09673	mg/L	0.001483	1.53%
Ba 233.527†	1333.9	0.2257	mg/L	0.00081	0.4513	mg/L	0.00161	0.36%
Be 313.042†	864.6	0.00184	mg/L	0.000049	0.00369	mg/L	0.000098	2.66%
Ca 317.933†	852698.4	82.34	mg/L	0.340	164.7	mg/L	0.68	0.41%
Cd 228.802†	64.3	0.00097	mg/L	0.000087	0.00195	mg/L	0.000174	8.91%
Co 228.616†	4630.1	0.06303	mg/L	0.001316	0.1261	mg/L	0.00263	2.09%
Cr 267.716†	991.4	0.2379	mg/L	0.00240	0.4758	mg/L	0.00481	1.01%
Cu 324.752†	33627.0	0.1670	mg/L	0.00073	0.3340	mg/L	0.00147	0.44%
Fe 273.955†	220857.5	178.0	mg/L	0.41	355.9	mg/L	0.83	0.23%
K 766.490†	8795.6	6.444	mg/L	0.0641	12.89	mg/L	0.128	0.99%
Mg 279.077†	90445.7	72.03	mg/L	0.195	144.1	mg/L	0.39	0.27%
Mn 257.610†	72220.8	2.463	mg/L	0.0059	4.926	mg/L	0.0118	0.24%
Mo 202.031†	16.4	0.00625	mg/L	0.000832	0.01250	mg/L	0.001663	13.31%
Na 589.592†	5584.1	2.703	mg/L	0.0080	5.407	mg/L	0.0160	0.30%
Na 330.237†	29.4	2.621	mg/L	0.2361	5.242	mg/L	0.4722	9.01%
Ni 231.604†	198.4	0.1597	mg/L	0.00358	0.3195	mg/L	0.00716	2.24%
Pb 220.353†	714.5	0.1269	mg/L	0.00141	0.2537	mg/L	0.00282	1.11%
Sb 206.836†	-44.4	0.00330	mg/L	0.002278	0.00660	mg/L	0.004557	69.08%
Se 196.026†	-108.0	-0.03818	mg/L	0.004229	-0.07636	mg/L	0.008458	11.08%
Si 288.158†	2870.9	1.647	mg/L	0.0169	3.294	mg/L	0.0339	1.03%
Sn 189.927†	-25.1	-0.01037	mg/L	0.000058	-0.02073	mg/L	0.000115	0.56%
Sr 421.552†	83393.4	0.2684	mg/L	0.00090	0.5367	mg/L	0.00181	0.34%
Ti 334.903†	221022.5	10.53	mg/L	0.022	21.07	mg/L	0.043	0.20%
Tl 190.801†	-6.8	-0.02048	mg/L	0.001246	-0.04096	mg/L	0.002492	6.09%
V 292.402†	55646.8	0.4436	mg/L	0.00231	0.8872	mg/L	0.00463	0.52%
Zn 206.200†	1161.0	1.090	mg/L	0.0037	2.179	mg/L	0.0073	0.34%

Sequence No.: 20
Sample ID: LR67 T SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 41
Date Collected: 10/9/2007 4:42:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 T SWC

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: LR67 T SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1858385.8	104.1	%	0.83				0.80%
ScR 361.383	162422.9	110.7	%	0.38				0.34%
Ag 328.068†	-1148.6	-0.00071	mg/L	0.000343	-0.00141	mg/L	0.000685	48.57%
Al 308.215†	218794.2	130.4	mg/L	0.17	260.8	mg/L	0.33	0.13%
As 188.979†	105.6	0.04378	mg/L	0.005705	0.08756	mg/L	0.011411	13.03%
B 249.677†	35.6	0.03332	mg/L	0.002720	0.06663	mg/L	0.005439	8.16%
Ba 233.527†	1673.2	0.2844	mg/L	0.00188	0.5687	mg/L	0.00376	0.66%
Be 313.042†	864.4	0.00184	mg/L	0.000017	0.00367	mg/L	0.000034	0.92%
Ca 317.933†	823760.4	79.55	mg/L	0.290	159.1	mg/L	0.58	0.36%
Cd 228.802†	28.6	0.00009	mg/L	0.000156	0.00018	mg/L	0.000312	169.67%
Co 228.616†	4485.5	0.06122	mg/L	0.000735	0.1224	mg/L	0.00147	1.20%
Cr 267.716†	1009.7	0.2424	mg/L	0.00142	0.4848	mg/L	0.00285	0.59%
Cu 324.752†	43922.0	0.2150	mg/L	0.00033	0.4300	mg/L	0.00065	0.15%
Fe 273.955†	235703.7	189.9	mg/L	0.16	379.8	mg/L	0.33	0.09%
K 766.490†	10287.3	7.537	mg/L	0.0343	15.07	mg/L	0.069	0.45%
Mg 279.077†	93325.5	74.32	mg/L	0.191	148.6	mg/L	0.38	0.26%
Mn 257.610†	78722.3	2.685	mg/L	0.0059	5.370	mg/L	0.0117	0.22%
Mo 202.031†	16.9	0.00661	mg/L	0.000155	0.01322	mg/L	0.000310	2.34%
Na 589.592†	5074.6	2.457	mg/L	0.0086	4.913	mg/L	0.0172	0.35%
Na 330.237†	10.6	2.075	mg/L	0.4293	4.151	mg/L	0.8587	20.69%
Ni 231.604†	196.6	0.1583	mg/L	0.00346	0.3166	mg/L	0.00692	2.18%
Pb 220.353†	-7.8	0.02491	mg/L	0.001016	0.04982	mg/L	0.002031	4.08%
Sb 206.836†	-41.4	0.00316	mg/L	0.003027	0.00633	mg/L	0.006053	95.68%
Se 196.026†	-102.6	-0.03105	mg/L	0.010424	-0.06210	mg/L	0.020848	33.57%
Si 288.158†	1715.9	0.9846	mg/L	0.00707	1.969	mg/L	0.0141	0.72%
Sn 189.927†	-23.8	-0.01088	mg/L	0.000332	-0.02176	mg/L	0.000665	3.05%
Sr 421.552†	83402.9	0.2683	mg/L	0.00078	0.5365	mg/L	0.00157	0.29%
Ti 334.903†	209315.3	9.976	mg/L	0.0308	19.95	mg/L	0.062	0.31%
Tl 190.801†	-7.6	-0.02045	mg/L	0.002291	-0.04090	mg/L	0.004582	11.20%
V 292.402†	56457.3	0.4500	mg/L	0.00068	0.8999	mg/L	0.00135	0.15%
Zn 206.200†	463.5	0.4362	mg/L	0.00105	0.8724	mg/L	0.00209	0.24%

Sequence No.: 21
Sample ID: LR67 U SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 42
Date Collected: 10/9/2007 4:49:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 U SWC

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: LR67 U SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1841771.4	103.2	%	0.45				0.43%
ScR 361.383	161349.0	110.0	%	0.06				0.06%
Ag 328.068†	-1112.5	-0.00015	mg/L	0.000385	-0.00030	mg/L	0.000771	260.09%
Al 308.215†	220699.0	131.5	mg/L	0.38	263.1	mg/L	0.77	0.29%
As 188.979†	112.1	0.04873	mg/L	0.004922	0.09746	mg/L	0.009844	10.10%
B 249.677†	28.2	0.03040	mg/L	0.000488	0.06080	mg/L	0.000976	1.60%
Ba 233.527†	1540.7	0.2609	mg/L	0.00145	0.5218	mg/L	0.00289	0.55%
Be 313.042†	894.8	0.00189	mg/L	0.000026	0.00378	mg/L	0.000053	1.40%
Ca 317.933†	820559.7	79.24	mg/L	0.311	158.5	mg/L	0.62	0.39%
Cd 228.802†	36.1	0.00024	mg/L	0.000042	0.00048	mg/L	0.000084	17.53%
Co 228.616†	4683.4	0.06435	mg/L	0.000225	0.1287	mg/L	0.00045	0.35%
Cr 267.716†	1185.4	0.2842	mg/L	0.00183	0.5685	mg/L	0.00366	0.64%
Cu 324.752†	61105.7	0.2939	mg/L	0.00039	0.5877	mg/L	0.00078	0.13%
Fe 273.955†	248061.2	199.9	mg/L	0.77	399.8	mg/L	1.54	0.38%
K 766.490†	11186.5	8.195	mg/L	0.0260	16.39	mg/L	0.052	0.32%
Mg 279.077†	95076.5	75.71	mg/L	0.253	151.4	mg/L	0.51	0.33%
Mn 257.610†	79972.0	2.728	mg/L	0.0071	5.455	mg/L	0.0143	0.26%
Mo 202.031†	21.7	0.00742	mg/L	0.000376	0.01484	mg/L	0.000752	5.07%
Na 589.592†	4990.7	2.416	mg/L	0.0090	4.832	mg/L	0.0180	0.37%
Na 330.237†	25.3	2.713	mg/L	0.4378	5.426	mg/L	0.8755	16.14%
Ni 231.604†	221.3	0.1782	mg/L	0.00736	0.3564	mg/L	0.01471	4.13%
Pb 220.353†	907.9	0.1541	mg/L	0.00150	0.3082	mg/L	0.00300	0.97%
Sb 206.836†	-35.9	0.00575	mg/L	0.003706	0.01150	mg/L	0.007412	64.44%
Se 196.026†	-115.8	-0.04100	mg/L	0.004801	-0.08200	mg/L	0.009602	11.71%
Si 288.158†	1868.3	1.072	mg/L	0.0079	2.144	mg/L	0.0158	0.74%
Sn 189.927†	-21.1	-0.01059	mg/L	0.000528	-0.02117	mg/L	0.001055	4.98%
Sr 421.552†	90043.1	0.2897	mg/L	0.00100	0.5794	mg/L	0.00200	0.35%
Ti 334.903†	213889.3	10.19	mg/L	0.037	20.39	mg/L	0.075	0.37%
Tl 190.801†	-15.3	-0.02457	mg/L	0.001471	-0.04915	mg/L	0.002941	5.98%
V 292.402†	59264.5	0.4727	mg/L	0.00073	0.9455	mg/L	0.00146	0.15%
Zn 206.200†	583.9	0.5490	mg/L	0.00340	1.098	mg/L	0.0068	0.62%

Sequence No.: 22
Sample ID: LR67 V SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 43
Date Collected: 10/9/2007 4:55:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 V SWC

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: LR67 V SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1833380.4	102.7	%	0.13				0.12%
ScR 361.383	161276.9	110.0	%	0.37				0.34%
Ag 328.068†	-1019.8	0.00001	mg/L	0.000262	0.00001	mg/L	0.000524	>999.9%
Al 308.215†	200694.0	119.6	mg/L	0.21	239.2	mg/L	0.41	0.17%
As 188.979†	108.2	0.04912	mg/L	0.005488	0.09823	mg/L	0.010975	11.17%
B 249.677†	21.0	0.02575	mg/L	0.001945	0.05150	mg/L	0.003889	7.55%
Ba 233.527†	1213.8	0.2044	mg/L	0.00163	0.4087	mg/L	0.00326	0.80%
Be 313.042†	744.3	0.00135	mg/L	0.000048	0.00271	mg/L	0.000095	3.51%
Ca 317.933†	696005.3	67.21	mg/L	0.083	134.4	mg/L	0.17	0.12%
Cd 228.802†	62.4	0.00088	mg/L	0.000159	0.00176	mg/L	0.000317	17.98%
Co 228.616†	4470.2	0.06154	mg/L	0.000472	0.1231	mg/L	0.00094	0.77%
Cr 267.716†	1054.8	0.2531	mg/L	0.00186	0.5061	mg/L	0.00371	0.73%
Cu 324.752†	36348.3	0.1804	mg/L	0.00040	0.3609	mg/L	0.00080	0.22%
Fe 273.955†	232528.0	187.4	mg/L	0.50	374.7	mg/L	0.99	0.26%
K 766.490†	7372.9	5.401	mg/L	0.0157	10.80	mg/L	0.031	0.29%
Mg 279.077†	95503.7	76.05	mg/L	0.092	152.1	mg/L	0.18	0.12%
Mn 257.610†	78084.2	2.663	mg/L	0.0149	5.326	mg/L	0.0298	0.56%
Mo 202.031†	15.7	0.00628	mg/L	0.000955	0.01256	mg/L	0.001910	15.21%
Na 589.592†	4661.0	2.257	mg/L	0.0241	4.513	mg/L	0.0482	1.07%
Na 330.237†	19.2	2.195	mg/L	0.2110	4.390	mg/L	0.4220	9.61%
Ni 231.604†	189.7	0.1527	mg/L	0.00454	0.3055	mg/L	0.00908	2.97%
Pb 220.353†	278.4	0.06236	mg/L	0.000656	0.1247	mg/L	0.00131	1.05%
Sb 206.836†	-35.0	0.00561	mg/L	0.002806	0.01123	mg/L	0.005611	49.97%
Se 196.026†	-104.5	-0.03621	mg/L	0.004198	-0.07243	mg/L	0.008395	11.59%
Si 288.158†	2371.8	1.361	mg/L	0.0025	2.722	mg/L	0.0050	0.18%
Sn 189.927†	-21.9	-0.01038	mg/L	0.001336	-0.02077	mg/L	0.002672	12.87%
Sr 421.552†	67712.5	0.2174	mg/L	0.00086	0.4348	mg/L	0.00173	0.40%
Ti 334.903†	203632.8	9.705	mg/L	0.0100	19.41	mg/L	0.020	0.10%
Tl 190.801†	-12.8	-0.02272	mg/L	0.004335	-0.04545	mg/L	0.008669	19.07%
V 292.402†	59497.2	0.4758	mg/L	0.00205	0.9517	mg/L	0.00409	0.43%
Zn 206.200†	978.3	0.9180	mg/L	0.00381	1.836	mg/L	0.0076	0.42%

Sequence No.: 23
Sample ID: CV
Analyst: BLW
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 7
Date Collected: 10/9/2007 5:01:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1768830.1	99.12	%	0.384				0.39%
ScR 361.383	153822.4	104.9	%	0.67				0.64%
Ag 328.068†	162292.5	1.001	mg/L	0.0038	1.001	mg/L	0.0038	0.38%
Al 308.215†	3278.3	1.915	mg/L	0.0175	1.915	mg/L	0.0175	0.91%
As 188.979†	2399.1	2.024	mg/L	0.0104	2.024	mg/L	0.0104	0.51%
B 249.677†	1905.5	0.9517	mg/L	0.00417	0.9517	mg/L	0.00417	0.44%
Ba 233.527†	5485.9	0.9561	mg/L	0.00796	0.9561	mg/L	0.00796	0.83%
Be 313.042†	277042.8	0.9896	mg/L	0.00322	0.9896	mg/L	0.00322	0.33%
Ca 317.933†	21222.9	2.049	mg/L	0.0064	2.049	mg/L	0.0064	0.31%
Cd 228.802†	42038.2	0.9903	mg/L	0.00747	0.9903	mg/L	0.00747	0.75%
Co 228.616†	51473.7	0.9658	mg/L	0.00712	0.9658	mg/L	0.00712	0.74%
Cr 267.716†	4041.6	0.9572	mg/L	0.00724	0.9572	mg/L	0.00724	0.76%
Cu 324.752†	229933.7	1.043	mg/L	0.0044	1.043	mg/L	0.0044	0.42%
Fe 273.955†	2459.8	1.979	mg/L	0.0127	1.979	mg/L	0.0127	0.64%
K 766.490†	27120.5	19.87	mg/L	0.051	19.87	mg/L	0.051	0.26%
Mg 279.077†	2532.3	2.022	mg/L	0.0136	2.022	mg/L	0.0136	0.67%
Mn 257.610†	28535.1	0.9748	mg/L	0.00029	0.9748	mg/L	0.00029	0.03%
Mo 202.031†	6056.6	0.9543	mg/L	0.00454	0.9543	mg/L	0.00454	0.48%
Na 589.592†	100615.8	48.71	mg/L	0.293	48.71	mg/L	0.293	0.60%
Na 330.237†	1152.4	49.57	mg/L	0.518	49.57	mg/L	0.518	1.05%
Ni 231.604†	1209.8	0.9760	mg/L	0.00950	0.9760	mg/L	0.00950	0.97%
Pb 220.353†	14262.4	2.019	mg/L	0.0100	2.019	mg/L	0.0100	0.50%
Sb 206.836†	4243.9	1.995	mg/L	0.0064	1.995	mg/L	0.0064	0.32%
Se 196.026†	2196.3	1.946	mg/L	0.0035	1.946	mg/L	0.0035	0.18%
Si 288.158†	3503.7	2.013	mg/L	0.0216	2.013	mg/L	0.0216	1.07%
Sn 189.927†	3039.1	0.9083	mg/L	0.00320	0.9083	mg/L	0.00320	0.35%
Sr 421.552†	293614.6	0.9519	mg/L	0.00458	0.9519	mg/L	0.00458	0.48%
Ti 334.903†	20511.3	0.9766	mg/L	0.00362	0.9766	mg/L	0.00362	0.37%
Tl 190.801†	4124.0	1.947	mg/L	0.0022	1.947	mg/L	0.0022	0.12%
V 292.402†	116662.9	0.9851	mg/L	0.00449	0.9851	mg/L	0.00449	0.46%
Zn 206.200†	1090.3	1.021	mg/L	0.0038	1.021	mg/L	0.0038	0.37%

Sequence No.: 24
Sample ID: CB
Analyst: BLW
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 1
Date Collected: 10/9/2007 5:08:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1798896.1	100.8	%	0.35				0.35%
ScR 361.383	154162.0	105.1	%	0.68				0.65%
Ag 328.068†	184.9	0.00114	mg/L	0.000063	0.00114	mg/L	0.000063	5.52%
Al 308.215†	2.5	0.00144	mg/L	0.008330	0.00144	mg/L	0.008330	577.69%
As 188.979†	5.5	0.00469	mg/L	0.002092	0.00469	mg/L	0.002092	44.60%
B 249.677†	18.8	0.00939	mg/L	0.002185	0.00939	mg/L	0.002185	23.26%
Ba 233.527†	0.4	0.00007	mg/L	0.000098	0.00007	mg/L	0.000098	132.60%
Be 313.042†	55.5	0.00020	mg/L	0.000062	0.00020	mg/L	0.000062	31.26%
Ca 317.933†	35.4	0.00342	mg/L	0.002089	0.00342	mg/L	0.002089	61.10%
Cd 228.802†	9.6	0.00020	mg/L	0.000131	0.00020	mg/L	0.000131	65.54%
Co 228.616†	12.9	0.00025	mg/L	0.000126	0.00025	mg/L	0.000126	51.30%
Cr 267.716†	1.6	0.00039	mg/L	0.001570	0.00039	mg/L	0.001570	404.57%
Cu 324.752†	165.3	0.00075	mg/L	0.000122	0.00075	mg/L	0.000122	16.23%
Fe 273.955†	-3.3	-0.00268	mg/L	0.000613	-0.00268	mg/L	0.000613	22.90%
K 766.490†	27.0	0.01979	mg/L	0.044705	0.01979	mg/L	0.044705	225.93%
Mg 279.077†	15.9	0.01264	mg/L	0.003205	0.01264	mg/L	0.003205	25.35%
Mn 257.610†	4.1	0.00014	mg/L	0.000106	0.00014	mg/L	0.000106	74.51%
Mo 202.031†	6.7	0.00106	mg/L	0.000632	0.00106	mg/L	0.000632	59.51%
Na 589.592†	53.4	0.02583	mg/L	0.005397	0.02583	mg/L	0.005397	20.90%
Na 330.237†	-12.7	-0.5520	mg/L	0.23401	-0.5520	mg/L	0.23401	42.40%
Ni 231.604†	1.2	0.00097	mg/L	0.000418	0.00097	mg/L	0.000418	43.12%
Pb 220.353†	14.0	0.00198	mg/L	0.001439	0.00198	mg/L	0.001439	72.86%
Sb 206.836†	-2.8	-0.00131	mg/L	0.001934	-0.00131	mg/L	0.001934	147.41%
Se 196.026†	-2.1	-0.00183	mg/L	0.001540	-0.00183	mg/L	0.001540	84.03%
Si 288.158†	8.5	0.00490	mg/L	0.012399	0.00490	mg/L	0.012399	253.08%
Sn 189.927†	7.3	0.00219	mg/L	0.000399	0.00219	mg/L	0.000399	18.25%
Sr 421.552†	-155.7	-0.00050	mg/L	0.000157	-0.00050	mg/L	0.000157	31.10%
Ti 334.903†	-28.1	-0.00134	mg/L	0.001493	-0.00134	mg/L	0.001493	111.61%
Tl 190.801†	11.9	0.00567	mg/L	0.000914	0.00567	mg/L	0.000914	16.13%
V 292.402†	13.3	0.00012	mg/L	0.000240	0.00012	mg/L	0.000240	198.41%
Zn 206.200†	5.8	0.00544	mg/L	0.000741	0.00544	mg/L	0.000741	13.62%

Sequence No.: 25
Sample ID: LR71 MB SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 44
Date Collected: 10/9/2007 5:15:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 MB SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 MB SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1821805.9	102.1	%	0.64				0.63%
ScR 361.383	153892.1	104.9	%	0.45				0.42%
Ag 328.068†	14.4	0.00009	mg/L	0.000177	0.00018	mg/L	0.000355	199.72%
Al 308.215†	7.3	0.00432	mg/L	0.005877	0.00864	mg/L	0.011754	135.98%
As 188.979†	2.9	0.00243	mg/L	0.003268	0.00486	mg/L	0.006536	134.60%
B 249.677†	8.1	0.00407	mg/L	0.003225	0.00815	mg/L	0.006449	79.18%
Ba 233.527†	13.1	0.00227	mg/L	0.000095	0.00455	mg/L	0.000190	4.18%
Be 313.042†	42.0	0.00015	mg/L	0.000075	0.00030	mg/L	0.000150	49.96%
Ca 317.933†	142.9	0.01380	mg/L	0.003148	0.02761	mg/L	0.006297	22.81%
Cd 228.802†	7.2	0.00016	mg/L	0.000125	0.00031	mg/L	0.000251	79.74%
Co 228.616†	-0.2	-0.00001	mg/L	0.000165	-0.00001	mg/L	0.000330	>999.9%
Cr 267.716†	-1.1	-0.00027	mg/L	0.001054	-0.00054	mg/L	0.002108	387.97%
Cu 324.752†	130.2	0.00059	mg/L	0.000206	0.00118	mg/L	0.000412	34.89%
Fe 273.955†	2.2	0.00181	mg/L	0.001817	0.00363	mg/L	0.003635	100.25%
K 766.490†	43.1	0.03160	mg/L	0.016143	0.06319	mg/L	0.032286	51.09%
Mg 279.077†	18.1	0.01442	mg/L	0.010540	0.02885	mg/L	0.021081	73.08%
Mn 257.610†	2.6	0.00009	mg/L	0.000192	0.00018	mg/L	0.000383	216.72%
Mo 202.031†	1.6	0.00026	mg/L	0.000553	0.00052	mg/L	0.001105	214.38%
Na 589.592†	35.8	0.01733	mg/L	0.004985	0.03466	mg/L	0.009970	28.77%
Na 330.237†	-13.9	-0.6078	mg/L	0.25527	-1.216	mg/L	0.5105	42.00%
Ni 231.604†	0.4	0.00029	mg/L	0.003012	0.00058	mg/L	0.006024	>999.9%
Pb 220.353†	-2.9	-0.00041	mg/L	0.000759	-0.00083	mg/L	0.001518	183.90%
Sb 206.836†	-6.6	-0.00306	mg/L	0.002567	-0.00613	mg/L	0.005133	83.75%
Se 196.026†	1.3	0.00112	mg/L	0.004840	0.00224	mg/L	0.009679	432.83%
Si 288.158†	4.8	0.00276	mg/L	0.008744	0.00552	mg/L	0.017488	316.65%
Sn 189.927†	5.0	0.00149	mg/L	0.000555	0.00299	mg/L	0.001110	37.16%
Sr 421.552†	-105.3	-0.00034	mg/L	0.000141	-0.00068	mg/L	0.000283	41.40%
Ti 334.903†	29.6	0.00141	mg/L	0.000404	0.00282	mg/L	0.000809	28.68%
Tl 190.801†	6.3	0.00301	mg/L	0.001121	0.00602	mg/L	0.002242	37.23%
V 292.402†	6.4	0.00005	mg/L	0.000265	0.00010	mg/L	0.000529	509.27%
Zn 206.200†	9.1	0.00849	mg/L	0.001099	0.01697	mg/L	0.002199	12.95%

Sequence No.: 26
Sample ID: LR67 W SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 45
Date Collected: 10/9/2007 5:21:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 W SWC

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: LR67 W SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1828761.4	102.5	%	0.37				0.36%
ScR 361.383	158216.1	107.9	%	0.57				0.53%
Ag 328.068†	-926.9	-0.00039	mg/L	0.000367	-0.00078	mg/L	0.000735	94.69%
Al 308.215†	186662.7	111.3	mg/L	0.35	222.5	mg/L	0.70	0.31%
As 188.979†	104.8	0.04395	mg/L	0.001521	0.08789	mg/L	0.003041	3.46%
B 249.677†	25.1	0.02546	mg/L	0.002535	0.05092	mg/L	0.005070	9.96%
Ba 233.527†	2058.6	0.3527	mg/L	0.00274	0.7055	mg/L	0.00547	0.78%
Be 313.042†	746.6	0.00162	mg/L	0.000055	0.00323	mg/L	0.000110	3.40%
Ca 317.933†	1867196.1	180.3	mg/L	0.67	360.6	mg/L	1.34	0.37%
Cd 228.802†	39.1	0.00035	mg/L	0.000044	0.00070	mg/L	0.000087	12.51%
Co 228.616†	4203.4	0.06086	mg/L	0.000783	0.1217	mg/L	0.00157	1.29%
Cr 267.716†	820.9	0.1971	mg/L	0.00231	0.3941	mg/L	0.00462	1.17%
Cu 324.752†	44408.1	0.2147	mg/L	0.00053	0.4294	mg/L	0.00106	0.25%
Fe 273.955†	196883.3	158.6	mg/L	0.47	317.3	mg/L	0.94	0.29%
K 766.490†	10194.3	7.468	mg/L	0.0418	14.94	mg/L	0.084	0.56%
Mg 279.077†	87851.1	69.97	mg/L	0.576	139.9	mg/L	1.15	0.82%
Mn 257.610†	77551.9	2.645	mg/L	0.0095	5.290	mg/L	0.0190	0.36%
Mo 202.031†	52.0	0.00792	mg/L	0.001851	0.01585	mg/L	0.003703	23.37%
Na 589.592†	6561.5	3.177	mg/L	0.0265	6.353	mg/L	0.0529	0.83%
Na 330.237†	59.6	3.324	mg/L	0.1341	6.648	mg/L	0.2681	4.03%
Ni 231.604†	172.1	0.1385	mg/L	0.00160	0.2771	mg/L	0.00320	1.15%
Pb 220.353†	277.0	0.06159	mg/L	0.001196	0.1232	mg/L	0.00239	1.94%
Sb 206.836†	-29.9	0.00354	mg/L	0.000837	0.00707	mg/L	0.001673	23.67%
Se 196.026†	-115.1	-0.03940	mg/L	0.010018	-0.07879	mg/L	0.020037	25.43%
Si 288.158†	10989.8	6.305	mg/L	0.1514	12.61	mg/L	0.303	2.40%
Sn 189.927†	-41.5	-0.01268	mg/L	0.001490	-0.02536	mg/L	0.002980	11.75%
Sr 421.552†	135332.0	0.4369	mg/L	0.00258	0.8739	mg/L	0.00515	0.59%
Ti 334.903†	162629.8	7.751	mg/L	0.0186	15.50	mg/L	0.037	0.24%
Tl 190.801†	-11.2	-0.01920	mg/L	0.003829	-0.03840	mg/L	0.007658	19.94%
V 292.402†	48101.7	0.3843	mg/L	0.00114	0.7685	mg/L	0.00228	0.30%
Zn 206.200†	363.1	0.3451	mg/L	0.00309	0.6902	mg/L	0.00618	0.90%

Sequence No.: 27
Sample ID: LR67 X SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 46
Date Collected: 10/9/2007 5:28:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 X SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 X SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1843605.1	103.3	%	0.32				0.31%
ScR 361.383	160848.4	109.7	%	0.33				0.30%
Ag 328.068†	-816.4	-0.00044	mg/L	0.000351	-0.00088	mg/L	0.000701	79.89%
Al 308.215†	155105.2	92.44	mg/L	0.234	184.9	mg/L	0.47	0.25%
As 188.979†	93.4	0.04254	mg/L	0.003551	0.08507	mg/L	0.007103	8.35%
B 249.677†	15.3	0.01880	mg/L	0.004293	0.03761	mg/L	0.008586	22.83%
Ba 233.527†	1364.3	0.2326	mg/L	0.00065	0.4651	mg/L	0.00131	0.28%
Be 313.042†	635.6	0.00139	mg/L	0.000087	0.00278	mg/L	0.000174	6.26%
Ca 317.933†	1135500.7	109.7	mg/L	0.39	219.3	mg/L	0.78	0.36%
Cd 228.802†	38.7	0.00040	mg/L	0.000068	0.00081	mg/L	0.000135	16.76%
Co 228.616†	3434.5	0.04721	mg/L	0.000375	0.09443	mg/L	0.000750	0.79%
Cr 267.716†	639.9	0.1539	mg/L	0.00104	0.3077	mg/L	0.00208	0.68%
Cu 324.752†	33565.4	0.1635	mg/L	0.00018	0.3270	mg/L	0.00036	0.11%
Fe 273.955†	169889.6	136.9	mg/L	0.41	273.8	mg/L	0.82	0.30%
K 766.490†	7737.6	5.669	mg/L	0.0459	11.34	mg/L	0.092	0.81%
Mg 279.077†	71866.4	57.23	mg/L	0.530	114.5	mg/L	1.06	0.93%
Mn 257.610†	63853.6	2.178	mg/L	0.0247	4.356	mg/L	0.0494	1.13%
Mo 202.031†	50.4	0.00902	mg/L	0.000046	0.01805	mg/L	0.000091	0.50%
Na 589.592†	4854.3	2.350	mg/L	0.0095	4.700	mg/L	0.0191	0.41%
Na 330.237†	19.4	1.849	mg/L	0.5066	3.699	mg/L	1.0132	27.39%
Ni 231.604†	139.4	0.1122	mg/L	0.00198	0.2244	mg/L	0.00395	1.76%
Pb 220.353†	240.3	0.05224	mg/L	0.001600	0.1045	mg/L	0.00320	3.06%
Sb 206.836†	-24.8	0.00573	mg/L	0.002688	0.01146	mg/L	0.005375	46.89%
Se 196.026†	-85.5	-0.02722	mg/L	0.004192	-0.05443	mg/L	0.008383	15.40%
Si 288.158†	4018.1	2.305	mg/L	0.0642	4.611	mg/L	0.1284	2.79%
Sn 189.927†	-33.3	-0.01116	mg/L	0.001648	-0.02232	mg/L	0.003296	14.77%
Sr 421.552†	99728.6	0.3218	mg/L	0.00064	0.6436	mg/L	0.00129	0.20%
Ti 334.903†	158214.6	7.541	mg/L	0.0384	15.08	mg/L	0.077	0.51%
Tl 190.801†	-9.0	-0.01706	mg/L	0.002845	-0.03412	mg/L	0.005690	16.67%
V 292.402†	39152.5	0.3111	mg/L	0.00039	0.6221	mg/L	0.00078	0.12%
Zn 206.200†	311.0	0.2943	mg/L	0.00285	0.5886	mg/L	0.00570	0.97%

Sequence No.: 28
Sample ID: LR71 B SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 47
Date Collected: 10/9/2007 5:34:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 B SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 B SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1817610.7	101.9	%	0.28				0.28%
ScR 361.383	160369.8	109.3	%	0.29				0.26%
Ag 328.068†	-285.1	0.00066	mg/L	0.000445	0.00133	mg/L	0.000890	67.07%
Al 308.215†	74896.4	44.64	mg/L	0.135	89.27	mg/L	0.270	0.30%
As 188.979†	77.2	0.03460	mg/L	0.007524	0.06920	mg/L	0.015048	21.75%
B 249.677†	250.0	0.1310	mg/L	0.00490	0.2621	mg/L	0.00981	3.74%
Ba 233.527†	870.6	0.1490	mg/L	0.00072	0.2980	mg/L	0.00143	0.48%
Be 313.042†	216.2	0.00036	mg/L	0.000070	0.00072	mg/L	0.000140	19.36%
Ca 317.933†	2798098.2	270.2	mg/L	0.97	540.4	mg/L	1.94	0.36%
Cd 228.802†	218.0	0.00478	mg/L	0.000076	0.00957	mg/L	0.000152	1.59%
Co 228.616†	1382.9	0.01849	mg/L	0.000140	0.03697	mg/L	0.000280	0.76%
Cr 267.716†	456.4	0.1094	mg/L	0.00134	0.2187	mg/L	0.00269	1.23%
Cu 324.752†	180794.7	0.8265	mg/L	0.00144	1.653	mg/L	0.0029	0.17%
Fe 273.955†	89591.7	72.19	mg/L	0.429	144.4	mg/L	0.86	0.59%
K 766.490†	12340.9	9.041	mg/L	0.0433	18.08	mg/L	0.087	0.48%
Mg 279.077†	38467.0	30.63	mg/L	0.225	61.27	mg/L	0.451	0.74%
Mn 257.610†	25484.1	0.8691	mg/L	0.00656	1.738	mg/L	0.0131	0.75%
Mo 202.031†	219.0	0.02800	mg/L	0.000628	0.05599	mg/L	0.001256	2.24%
Na 589.592†	116683.0	56.49	mg/L	0.191	113.0	mg/L	0.38	0.34%
Na 330.237†	1331.0	56.99	mg/L	0.728	114.0	mg/L	1.46	1.28%
Ni 231.604†	108.7	0.08753	mg/L	0.003625	0.1751	mg/L	0.00725	4.14%
Pb 220.353†	1205.9	0.1783	mg/L	0.00188	0.3567	mg/L	0.00377	1.06%
Sb 206.836†	-18.3	-0.00182	mg/L	0.002737	-0.00364	mg/L	0.005474	150.44%
Se 196.026†	-69.0	-0.01332	mg/L	0.003936	-0.02665	mg/L	0.007872	29.54%
Si 288.158†	5362.5	3.077	mg/L	0.0228	6.153	mg/L	0.0456	0.74%
Sn 189.927†	-4.0	0.00277	mg/L	0.000737	0.00555	mg/L	0.001473	26.56%
Sr 421.552†	748433.1	2.426	mg/L	0.0107	4.852	mg/L	0.0214	0.44%
Ti 334.903†	66418.1	3.165	mg/L	0.0069	6.331	mg/L	0.0138	0.22%
Tl 190.801†	-2.3	-0.00645	mg/L	0.001719	-0.01290	mg/L	0.003439	26.65%
V 292.402†	18642.9	0.1483	mg/L	0.00116	0.2967	mg/L	0.00233	0.78%
Zn 206.200†	365.7	0.3501	mg/L	0.00289	0.7002	mg/L	0.00578	0.83%

Sequence No.: 29
Sample ID: LR71 C SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 48
Date Collected: 10/9/2007 5:41:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 C SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 C SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1850660.5	103.7	%	0.13				0.13%
ScR 361.383	161849.2	110.4	%	0.83				0.76%
Ag 328.068†	-263.7	0.00084	mg/L	0.000180	0.00168	mg/L	0.000360	21.45%
Al 308.215†	65191.2	38.85	mg/L	0.346	77.71	mg/L	0.693	0.89%
As 188.979†	67.1	0.03972	mg/L	0.007327	0.07944	mg/L	0.014654	18.45%
B 249.677†	152.0	0.08211	mg/L	0.001760	0.1642	mg/L	0.00352	2.14%
Ba 233.527†	915.7	0.1568	mg/L	0.00128	0.3136	mg/L	0.00255	0.81%
Be 313.042†	209.1	0.00040	mg/L	0.000104	0.00079	mg/L	0.000208	26.17%
Ca 317.933†	787976.5	76.09	mg/L	0.044	152.2	mg/L	0.09	0.06%
Cd 228.802†	126.2	0.00265	mg/L	0.000158	0.00529	mg/L	0.000317	5.99%
Co 228.616†	1296.2	0.01708	mg/L	0.001362	0.03416	mg/L	0.002724	7.97%
Cr 267.716†	349.5	0.08409	mg/L	0.001557	0.1682	mg/L	0.00311	1.85%
Cu 324.752†	87996.8	0.4056	mg/L	0.00233	0.8112	mg/L	0.00466	0.57%
Fe 273.955†	91345.1	73.60	mg/L	0.702	147.2	mg/L	1.40	0.95%
K 766.490†	8234.1	6.032	mg/L	0.0661	12.06	mg/L	0.132	1.10%
Mg 279.077†	30071.2	23.94	mg/L	0.232	47.88	mg/L	0.465	0.97%
Mn 257.610†	24906.1	0.8495	mg/L	0.00602	1.699	mg/L	0.0120	0.71%
Mo 202.031†	125.6	0.01928	mg/L	0.000247	0.03856	mg/L	0.000494	1.28%
Na 589.592†	75223.2	36.42	mg/L	0.070	72.84	mg/L	0.140	0.19%
Na 330.237†	829.8	36.20	mg/L	1.060	72.40	mg/L	2.121	2.93%
Ni 231.604†	86.1	0.06934	mg/L	0.000953	0.1387	mg/L	0.00191	1.37%
Pb 220.353†	259.1	0.04286	mg/L	0.002538	0.08572	mg/L	0.005075	5.92%
Sb 206.836†	-9.3	0.00233	mg/L	0.000190	0.00465	mg/L	0.000380	8.16%
Se 196.026†	-46.3	-0.01471	mg/L	0.009119	-0.02941	mg/L	0.018238	62.00%
Si 288.158†	2668.6	1.531	mg/L	0.0079	3.062	mg/L	0.0157	0.51%
Sn 189.927†	9.7	0.00195	mg/L	0.001047	0.00390	mg/L	0.002095	53.68%
Sr 421.552†	195746.5	0.6339	mg/L	0.00388	1.268	mg/L	0.0078	0.61%
Ti 334.903†	63667.7	3.034	mg/L	0.0091	6.069	mg/L	0.0181	0.30%
Tl 190.801†	6.2	-0.00214	mg/L	0.003675	-0.00427	mg/L	0.007351	172.14%
V 292.402†	15545.8	0.1222	mg/L	0.00085	0.2444	mg/L	0.00171	0.70%
Zn 206.200†	217.3	0.2056	mg/L	0.00341	0.4112	mg/L	0.00681	1.66%

Sequence No.: 30
Sample ID: LR71 D SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 49
Date Collected: 10/9/2007 5:48:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 D SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 D SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1843014.9	103.3	%	0.14				0.14%
ScR 361.383	159256.0	108.6	%	0.21				0.19%
Ag 328.068†	-370.4	0.00000	mg/L	0.000400	-0.00001	mg/L	0.000799	>999.9%
Al 308.215†	74396.9	44.34	mg/L	0.060	88.68	mg/L	0.119	0.13%
As 188.979†	70.0	0.04146	mg/L	0.002976	0.08291	mg/L	0.005952	7.18%
B 249.677†	104.7	0.05796	mg/L	0.003051	0.1159	mg/L	0.00610	5.26%
Ba 233.527†	857.1	0.1468	mg/L	0.00109	0.2936	mg/L	0.00217	0.74%
Be 313.042†	252.8	0.00050	mg/L	0.000034	0.00100	mg/L	0.000068	6.84%
Ca 317.933†	638221.4	61.63	mg/L	0.065	123.3	mg/L	0.13	0.11%
Cd 228.802†	145.0	0.00308	mg/L	0.000076	0.00617	mg/L	0.000152	2.46%
Co 228.616†	1529.8	0.02078	mg/L	0.000208	0.04156	mg/L	0.000415	1.00%
Cr 267.716†	438.3	0.1050	mg/L	0.00221	0.2100	mg/L	0.00443	2.11%
Cu 324.752†	106723.9	0.4899	mg/L	0.00360	0.9799	mg/L	0.00719	0.73%
Fe 273.955†	84391.8	68.00	mg/L	0.010	136.0	mg/L	0.02	0.02%
K 766.490†	8658.4	6.343	mg/L	0.0191	12.69	mg/L	0.038	0.30%
Mg 279.077†	35553.1	28.31	mg/L	0.047	56.63	mg/L	0.094	0.17%
Mn 257.610†	26342.0	0.8984	mg/L	0.00069	1.797	mg/L	0.0014	0.08%
Mo 202.031†	130.3	0.02075	mg/L	0.000465	0.04150	mg/L	0.000931	2.24%
Na 589.592†	68428.2	33.13	mg/L	0.170	66.26	mg/L	0.341	0.51%
Na 330.237†	743.7	32.58	mg/L	0.493	65.16	mg/L	0.986	1.51%
Ni 231.604†	115.3	0.09283	mg/L	0.002168	0.1857	mg/L	0.00434	2.34%
Pb 220.353†	665.4	0.1024	mg/L	0.00143	0.2048	mg/L	0.00287	1.40%
Sb 206.836†	-14.5	0.00077	mg/L	0.001401	0.00154	mg/L	0.002801	182.40%
Se 196.026†	-43.9	-0.01432	mg/L	0.006197	-0.02864	mg/L	0.012393	43.27%
Si 288.158†	3072.1	1.763	mg/L	0.0340	3.525	mg/L	0.0679	1.93%
Sn 189.927†	104.1	0.03055	mg/L	0.000698	0.06110	mg/L	0.001397	2.29%
Sr 421.552†	118248.0	0.3826	mg/L	0.00086	0.7652	mg/L	0.00173	0.23%
Ti 334.903†	71890.9	3.426	mg/L	0.0073	6.853	mg/L	0.0146	0.21%
Tl 190.801†	-2.2	-0.00672	mg/L	0.000575	-0.01344	mg/L	0.001151	8.56%
V 292.402†	18043.9	0.1433	mg/L	0.00090	0.2867	mg/L	0.00180	0.63%
Zn 206.200†	259.9	0.2451	mg/L	0.00077	0.4903	mg/L	0.00155	0.32%

Sequence No.: 31
Sample ID: LR71 ADUP SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 50
Date Collected: 10/9/2007 5:55:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 ADUP SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 ADUP SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1820904.1	102.0	%	0.42				0.41%
ScR 361.383	160215.3	109.2	%	0.68				0.63%
Ag 328.068†	-407.4	-0.00019	mg/L	0.000640	-0.00038	mg/L	0.001280	336.44%
Al 308.215†	80613.4	48.04	mg/L	0.363	96.09	mg/L	0.726	0.76%
As 188.979†	79.5	0.03891	mg/L	0.000711	0.07782	mg/L	0.001422	1.83%
B 249.677†	295.0	0.1533	mg/L	0.00217	0.3065	mg/L	0.00435	1.42%
Ba 233.527†	769.7	0.1315	mg/L	0.00115	0.2631	mg/L	0.00229	0.87%
Be 313.042†	313.4	0.00068	mg/L	0.000053	0.00136	mg/L	0.000106	7.80%
Ca 317.933†	2180079.2	210.5	mg/L	1.34	421.1	mg/L	2.69	0.64%
Cd 228.802†	211.0	0.00460	mg/L	0.000139	0.00920	mg/L	0.000277	3.01%
Co 228.616†	1414.2	0.01818	mg/L	0.000226	0.03635	mg/L	0.000453	1.25%
Cr 267.716†	473.8	0.1134	mg/L	0.00148	0.2269	mg/L	0.00296	1.31%
Cu 324.752†	30671.3	0.1449	mg/L	0.00037	0.2897	mg/L	0.00073	0.25%
Fe 273.955†	85856.0	69.18	mg/L	0.515	138.4	mg/L	1.03	0.74%
K 766.490†	10528.4	7.713	mg/L	0.0786	15.43	mg/L	0.157	1.02%
Mg 279.077†	37346.5	29.74	mg/L	0.242	59.48	mg/L	0.484	0.81%
Mn 257.610†	22443.2	0.7653	mg/L	0.00694	1.531	mg/L	0.0139	0.91%
Mo 202.031†	181.3	0.02415	mg/L	0.000449	0.04831	mg/L	0.000899	1.86%
Na 589.592†	102126.2	49.44	mg/L	0.292	98.88	mg/L	0.585	0.59%
Na 330.237†	1154.6	49.75	mg/L	0.209	99.51	mg/L	0.418	0.42%
Ni 231.604†	100.5	0.08093	mg/L	0.001445	0.1619	mg/L	0.00289	1.78%
Pb 220.353†	261.3	0.04660	mg/L	0.000555	0.09320	mg/L	0.001110	1.19%
Sb 206.836†	-18.7	-0.00096	mg/L	0.002292	-0.00193	mg/L	0.004584	237.92%
Se 196.026†	-63.7	-0.01504	mg/L	0.004526	-0.03007	mg/L	0.009052	30.10%
Si 288.158†	3924.5	2.252	mg/L	0.0141	4.503	mg/L	0.0282	0.63%
Sn 189.927†	-17.4	-0.00229	mg/L	0.000910	-0.00458	mg/L	0.001821	39.72%
Sr 421.552†	561043.5	1.818	mg/L	0.0121	3.637	mg/L	0.0243	0.67%
Ti 334.903†	76336.9	3.638	mg/L	0.0262	7.276	mg/L	0.0524	0.72%
Tl 190.801†	-0.5	-0.00605	mg/L	0.005374	-0.01210	mg/L	0.010748	88.79%
V 292.402†	19702.2	0.1570	mg/L	0.00093	0.3140	mg/L	0.00186	0.59%
Zn 206.200†	258.9	0.2483	mg/L	0.00307	0.4967	mg/L	0.00613	1.23%

Sequence No.: 32
Sample ID: LR71 A SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 51
Date Collected: 10/9/2007 6:01:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 A SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 A SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1860583.8	104.3	%	0.40				0.39%
ScR 361.383	163438.4	111.4	%	0.86				0.77%
Ag 328.068†	-439.8	-0.00031	mg/L	0.000129	-0.00063	mg/L	0.000258	41.05%
Al 308.215†	86141.0	51.34	mg/L	0.573	102.7	mg/L	1.15	1.12%
As 188.979†	82.0	0.04424	mg/L	0.002370	0.08848	mg/L	0.004739	5.36%
B 249.677†	309.6	0.1608	mg/L	0.00338	0.3215	mg/L	0.00676	2.10%
Ba 233.527†	810.3	0.1385	mg/L	0.00074	0.2770	mg/L	0.00147	0.53%
Be 313.042†	270.5	0.00050	mg/L	0.000058	0.00100	mg/L	0.000115	11.54%
Ca 317.933†	1491927.9	144.1	mg/L	0.34	288.2	mg/L	0.67	0.23%
Cd 228.802†	244.6	0.00539	mg/L	0.000021	0.01078	mg/L	0.000042	0.39%
Co 228.616†	1509.0	0.01939	mg/L	0.000075	0.03879	mg/L	0.000150	0.39%
Cr 267.716†	492.5	0.1179	mg/L	0.00198	0.2358	mg/L	0.00395	1.68%
Cu 324.752†	32686.6	0.1542	mg/L	0.00017	0.3083	mg/L	0.00033	0.11%
Fe 273.955†	88641.7	71.43	mg/L	0.742	142.9	mg/L	1.48	1.04%
K 766.490†	10766.1	7.887	mg/L	0.1681	15.77	mg/L	0.336	2.13%
Mg 279.077†	38737.2	30.85	mg/L	0.348	61.70	mg/L	0.695	1.13%
Mn 257.610†	27820.0	0.9487	mg/L	0.01129	1.897	mg/L	0.0226	1.19%
Mo 202.031†	171.5	0.02493	mg/L	0.000816	0.04986	mg/L	0.001632	3.27%
Na 589.592†	97419.1	47.16	mg/L	0.176	94.33	mg/L	0.352	0.37%
Na 330.237†	1091.5	47.36	mg/L	1.156	94.73	mg/L	2.312	2.44%
Ni 231.604†	102.8	0.08273	mg/L	0.001157	0.1655	mg/L	0.00231	1.40%
Pb 220.353†	237.8	0.04410	mg/L	0.000424	0.08821	mg/L	0.000847	0.96%
Sb 206.836†	-21.5	-0.00163	mg/L	0.002662	-0.00325	mg/L	0.005324	163.72%
Se 196.026†	-68.0	-0.02509	mg/L	0.004676	-0.05019	mg/L	0.009352	18.63%
Si 288.158†	5208.6	2.988	mg/L	0.0325	5.977	mg/L	0.0649	1.09%
Sn 189.927†	2.7	0.00220	mg/L	0.000834	0.00439	mg/L	0.001669	38.01%
Sr 421.552†	363159.2	1.177	mg/L	0.0030	2.353	mg/L	0.0060	0.26%
Ti 334.903†	81844.1	3.901	mg/L	0.0077	7.801	mg/L	0.0154	0.20%
Tl 190.801†	-4.1	-0.00835	mg/L	0.002424	-0.01671	mg/L	0.004847	29.01%
V 292.402†	20862.3	0.1663	mg/L	0.00032	0.3326	mg/L	0.00063	0.19%
Zn 206.200†	280.8	0.2669	mg/L	0.00420	0.5339	mg/L	0.00839	1.57%

Sequence No.: 33
Sample ID: LR71 ASPK SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 52
Date Collected: 10/9/2007 6:08:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 ASPK SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 ASPK SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1839117.0	103.1	%	0.35				0.34%
ScR 361.383	161510.6	110.1	%	0.58				0.53%
Ag 328.068†	81675.4	0.5062	mg/L	0.00136	1.012	mg/L	0.0027	0.27%
Al 308.215†	89366.3	53.26	mg/L	0.109	106.5	mg/L	0.22	0.20%
As 188.979†	2517.4	2.107	mg/L	0.0033	4.214	mg/L	0.0065	0.16%
B 249.677†	326.5	0.1681	mg/L	0.00108	0.3362	mg/L	0.00216	0.64%
Ba 233.527†	11415.8	1.987	mg/L	0.0120	3.973	mg/L	0.0240	0.60%
Be 313.042†	140287.0	0.5007	mg/L	0.00115	1.001	mg/L	0.0023	0.23%
Ca 317.933†	710923.5	68.65	mg/L	0.159	137.3	mg/L	0.32	0.23%
Cd 228.802†	20627.3	0.4785	mg/L	0.00168	0.9570	mg/L	0.00336	0.35%
Co 228.616†	26186.4	0.4835	mg/L	0.00119	0.9670	mg/L	0.00239	0.25%
Cr 267.716†	2543.2	0.6037	mg/L	0.00229	1.207	mg/L	0.0046	0.38%
Cu 324.752†	151180.3	0.6926	mg/L	0.00187	1.385	mg/L	0.0037	0.27%
Fe 273.955†	94391.3	76.06	mg/L	0.202	152.1	mg/L	0.40	0.27%
K 766.490†	23829.0	17.46	mg/L	0.094	34.91	mg/L	0.188	0.54%
Mg 279.077†	53468.5	42.59	mg/L	0.110	85.18	mg/L	0.221	0.26%
Mn 257.610†	37307.7	1.273	mg/L	0.0021	2.547	mg/L	0.0042	0.16%
Mo 202.031†	158.1	0.02531	mg/L	0.001083	0.05063	mg/L	0.002165	4.28%
Na 589.592†	121716.7	58.93	mg/L	0.264	117.9	mg/L	0.53	0.45%
Na 330.237†	1392.0	60.39	mg/L	0.158	120.8	mg/L	0.32	0.26%
Ni 231.604†	742.5	0.5980	mg/L	0.00204	1.196	mg/L	0.0041	0.34%
Pb 220.353†	13536.4	1.926	mg/L	0.0049	3.853	mg/L	0.0098	0.25%
Sb 206.836†	822.0	0.3891	mg/L	0.00547	0.7781	mg/L	0.01094	1.41%
Se 196.026†	2156.8	1.939	mg/L	0.0093	3.879	mg/L	0.0185	0.48%
Si 288.158†	3858.6	2.214	mg/L	0.0277	4.428	mg/L	0.0555	1.25%
Sn 189.927†	-4.0	-0.00130	mg/L	0.001914	-0.00260	mg/L	0.003828	147.27%
Sr 421.552†	277605.8	0.8991	mg/L	0.00353	1.798	mg/L	0.0071	0.39%
Ti 334.903†	73013.1	3.480	mg/L	0.0072	6.959	mg/L	0.0144	0.21%
Tl 190.801†	3843.4	1.815	mg/L	0.0057	3.631	mg/L	0.0114	0.32%
V 292.402†	77159.4	0.6398	mg/L	0.00128	1.280	mg/L	0.0026	0.20%
Zn 206.200†	797.4	0.7486	mg/L	0.00404	1.497	mg/L	0.0081	0.54%

Sequence No.: 34
Sample ID: LR71 MBSPK SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 53
Date Collected: 10/9/2007 6:14:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR71 MBSPK SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR71 MBSPK SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1795557.6	100.6	%	0.15				0.14%
ScR 361.383	154694.5	105.5	%	0.44				0.42%
Ag 328.068†	84383.1	0.5204	mg/L	0.00273	1.041	mg/L	0.0055	0.52%
Al 308.215†	3356.5	1.993	mg/L	0.0082	3.987	mg/L	0.0163	0.41%
As 188.979†	2438.0	2.059	mg/L	0.0153	4.117	mg/L	0.0305	0.74%
B 249.677†	13.8	0.00552	mg/L	0.003371	0.01104	mg/L	0.006742	61.07%
Ba 233.527†	11078.4	1.931	mg/L	0.0107	3.861	mg/L	0.0214	0.55%
Be 313.042†	145102.0	0.5183	mg/L	0.00145	1.037	mg/L	0.0029	0.28%
Ca 317.933†	106091.3	10.24	mg/L	0.021	20.49	mg/L	0.043	0.21%
Cd 228.802†	21500.6	0.4998	mg/L	0.00347	0.9996	mg/L	0.00695	0.70%
Co 228.616†	26206.6	0.4920	mg/L	0.00315	0.9840	mg/L	0.00630	0.64%
Cr 267.716†	2110.3	0.4998	mg/L	0.00243	0.9996	mg/L	0.00485	0.49%
Cu 324.752†	112650.2	0.5116	mg/L	0.00273	1.023	mg/L	0.0055	0.53%
Fe 273.955†	2554.6	2.057	mg/L	0.0116	4.113	mg/L	0.0232	0.56%
K 766.490†	13970.7	10.24	mg/L	0.039	20.47	mg/L	0.079	0.38%
Mg 279.077†	13217.2	10.54	mg/L	0.032	21.07	mg/L	0.065	0.31%
Mn 257.610†	15154.0	0.5181	mg/L	0.00091	1.036	mg/L	0.0018	0.18%
Mo 202.031†	23.7	0.00346	mg/L	0.000356	0.00693	mg/L	0.000712	10.27%
Na 589.592†	21197.5	10.26	mg/L	0.035	20.52	mg/L	0.070	0.34%
Na 330.237†	235.8	9.910	mg/L	0.1230	19.82	mg/L	0.246	1.24%
Ni 231.604†	619.4	0.5002	mg/L	0.00328	1.000	mg/L	0.0066	0.66%
Pb 220.353†	14390.0	2.037	mg/L	0.0047	4.074	mg/L	0.0094	0.23%
Sb 206.836†	4304.8	2.020	mg/L	0.0130	4.040	mg/L	0.0261	0.65%
Se 196.026†	2268.9	2.012	mg/L	0.0050	4.025	mg/L	0.0099	0.25%
Si 288.158†	3.2	0.00213	mg/L	0.000954	0.00426	mg/L	0.001909	44.76%
Sn 189.927†	-14.4	-0.00361	mg/L	0.000925	-0.00723	mg/L	0.001849	25.58%
Sr 421.552†	151641.9	0.4915	mg/L	0.00116	0.9831	mg/L	0.00232	0.24%
Ti 334.903†	20.0	0.00081	mg/L	0.000523	0.00161	mg/L	0.001046	64.78%
Tl 190.801†	4148.8	1.966	mg/L	0.0128	3.932	mg/L	0.0256	0.65%
V 292.402†	60950.5	0.5123	mg/L	0.00269	1.025	mg/L	0.0054	0.53%
Zn 206.200†	541.3	0.5072	mg/L	0.00282	1.014	mg/L	0.0056	0.56%

Sequence No.: 35
Sample ID: CV
Analyst: BLW
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 7
Date Collected: 10/9/2007 6:21:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	1765013.1	98.91	%	0.694				0.70%
ScR 361.383	152796.3	104.2	%	0.85				0.82%
Ag 328.068†	162079.8	0.9995	mg/L	0.00813	0.9995	mg/L	0.00813	0.81%
Al 308.215†	3279.4	1.916	mg/L	0.0187	1.916	mg/L	0.0187	0.97%
As 188.979†	2356.1	1.988	mg/L	0.0219	1.988	mg/L	0.0219	1.10%
B 249.677†	1908.4	0.9532	mg/L	0.01163	0.9532	mg/L	0.01163	1.22%
Ba 233.527†	5457.3	0.9511	mg/L	0.00736	0.9511	mg/L	0.00736	0.77%
Be 313.042†	274210.2	0.9795	mg/L	0.00311	0.9795	mg/L	0.00311	0.32%
Ca 317.933†	20967.2	2.024	mg/L	0.0042	2.024	mg/L	0.0042	0.21%
Cd 228.802†	41869.3	0.9865	mg/L	0.00734	0.9865	mg/L	0.00734	0.74%
Co 228.616†	51176.8	0.9602	mg/L	0.00670	0.9602	mg/L	0.00670	0.70%
Cr 267.716†	4029.9	0.9544	mg/L	0.00924	0.9544	mg/L	0.00924	0.97%
Cu 324.752†	229863.0	1.043	mg/L	0.0082	1.043	mg/L	0.0082	0.78%
Fe 273.955†	2443.9	1.966	mg/L	0.0164	1.966	mg/L	0.0164	0.83%
K 766.490†	27050.5	19.82	mg/L	0.030	19.82	mg/L	0.030	0.15%
Mg 279.077†	2522.9	2.014	mg/L	0.0185	2.014	mg/L	0.0185	0.92%
Mn 257.610†	28335.9	0.9680	mg/L	0.00200	0.9680	mg/L	0.00200	0.21%
Mo 202.031†	5978.1	0.9420	mg/L	0.00861	0.9420	mg/L	0.00861	0.91%
Na 589.592†	100052.1	48.44	mg/L	0.113	48.44	mg/L	0.113	0.23%
Na 330.237†	1159.7	49.89	mg/L	0.354	49.89	mg/L	0.354	0.71%
Ni 231.604†	1204.3	0.9716	mg/L	0.00602	0.9716	mg/L	0.00602	0.62%
Pb 220.353†	14189.2	2.009	mg/L	0.0182	2.009	mg/L	0.0182	0.91%
Sb 206.836†	4195.5	1.972	mg/L	0.0166	1.972	mg/L	0.0166	0.84%
Se 196.026†	2168.1	1.921	mg/L	0.0182	1.921	mg/L	0.0182	0.95%
Si 288.158†	3523.4	2.024	mg/L	0.0227	2.024	mg/L	0.0227	1.12%
Sn 189.927†	2982.7	0.8914	mg/L	0.00837	0.8914	mg/L	0.00837	0.94%
Sr 421.552†	292375.4	0.9479	mg/L	0.00256	0.9479	mg/L	0.00256	0.27%
Ti 334.903†	20400.3	0.9713	mg/L	0.00082	0.9713	mg/L	0.00082	0.08%
Tl 190.801†	4089.7	1.931	mg/L	0.0155	1.931	mg/L	0.0155	0.80%
V 292.402†	116530.5	0.9839	mg/L	0.00930	0.9839	mg/L	0.00930	0.95%
Zn 206.200†	1078.2	1.009	mg/L	0.0073	1.009	mg/L	0.0073	0.72%

Sequence No.: 36
Sample ID: CB
Analyst: BLW
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 1
Date Collected: 10/9/2007 6:28:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1775530.2	99.50	%	0.466				0.47%
ScR 361.383	149544.2	102.0	%	0.52				0.51%
Ag 328.068†	97.2	0.00060	mg/L	0.000400	0.00060	mg/L	0.000400	66.80%
Al 308.215†	-2.6	-0.00156	mg/L	0.009754	-0.00156	mg/L	0.009754	625.69%
As 188.979†	5.7	0.00479	mg/L	0.000621	0.00479	mg/L	0.000621	12.96%
B 249.677†	14.1	0.00703	mg/L	0.002788	0.00703	mg/L	0.002788	39.66%
Ba 233.527†	5.3	0.00093	mg/L	0.000698	0.00093	mg/L	0.000698	75.08%
Be 313.042†	46.9	0.00017	mg/L	0.000044	0.00017	mg/L	0.000044	26.16%
Ca 317.933†	60.6	0.00585	mg/L	0.002401	0.00585	mg/L	0.002401	41.06%
Cd 228.802†	8.8	0.00018	mg/L	0.000082	0.00018	mg/L	0.000082	46.08%
Co 228.616†	6.6	0.00012	mg/L	0.000093	0.00012	mg/L	0.000093	74.97%
Cr 267.716†	0.7	0.00017	mg/L	0.001408	0.00017	mg/L	0.001408	825.89%
Cu 324.752†	94.3	0.00043	mg/L	0.000211	0.00043	mg/L	0.000211	49.32%
Fe 273.955†	-4.6	-0.00371	mg/L	0.001651	-0.00371	mg/L	0.001651	44.46%
K 766.490†	81.4	0.05962	mg/L	0.038720	0.05962	mg/L	0.038720	64.95%
Mg 279.077†	26.7	0.02126	mg/L	0.011229	0.02126	mg/L	0.011229	52.81%
Mn 257.610†	6.6	0.00023	mg/L	0.000203	0.00023	mg/L	0.000203	89.43%
Mo 202.031†	8.4	0.00132	mg/L	0.000273	0.00132	mg/L	0.000273	20.67%
Na 589.592†	103.7	0.05019	mg/L	0.005510	0.05019	mg/L	0.005510	10.98%
Na 330.237†	-10.3	-0.4480	mg/L	0.02791	-0.4480	mg/L	0.02791	6.23%
Ni 231.604†	1.3	0.00104	mg/L	0.003760	0.00104	mg/L	0.003760	360.16%
Pb 220.353†	26.9	0.00381	mg/L	0.000614	0.00381	mg/L	0.000614	16.11%
Sb 206.836†	-4.7	-0.00218	mg/L	0.002852	-0.00218	mg/L	0.002852	130.56%
Se 196.026†	-2.5	-0.00224	mg/L	0.005092	-0.00224	mg/L	0.005092	227.18%
Si 288.158†	-11.6	-0.00665	mg/L	0.007951	-0.00665	mg/L	0.007951	119.47%
Sn 189.927†	8.1	0.00242	mg/L	0.000329	0.00242	mg/L	0.000329	13.56%
Sr 421.552†	-210.0	-0.00068	mg/L	0.000191	-0.00068	mg/L	0.000191	28.03%
Ti 334.903†	5.1	0.00024	mg/L	0.002138	0.00024	mg/L	0.002138	889.50%
Tl 190.801†	15.4	0.00731	mg/L	0.000889	0.00731	mg/L	0.000889	12.17%
V 292.402†	36.4	0.00031	mg/L	0.000256	0.00031	mg/L	0.000256	81.90%
Zn 206.200†	1.7	0.00157	mg/L	0.002014	0.00157	mg/L	0.002014	128.51%

Sequence No.: 37
Sample ID: LS71 MB SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 54
Date Collected: 10/9/2007 6:34:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LS71 MB SWC

Analyte	Back Pressure	Flow
All	158.0 kPa	0.50 L/min

Mean Data: LS71 MB SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1844289.5	103.3	%	0.51				0.49%
ScR 361.383	156077.6	106.4	%	0.20				0.18%
Ag 328.068†	-1.4	-0.00001	mg/L	0.000420	-0.00002	mg/L	0.000840	>999.9%
Al 308.215†	27.3	0.01624	mg/L	0.011447	0.03249	mg/L	0.022893	70.47%
As 188.979†	5.7	0.00481	mg/L	0.001459	0.00962	mg/L	0.002917	30.34%
B 249.677†	2.9	0.00145	mg/L	0.001551	0.00290	mg/L	0.003102	106.87%
Ba 233.527†	3.5	0.00060	mg/L	0.000111	0.00121	mg/L	0.000221	18.33%
Be 313.042†	10.9	0.00004	mg/L	0.000039	0.00008	mg/L	0.000079	102.23%
Ca 317.933†	518.0	0.05003	mg/L	0.002615	0.1001	mg/L	0.00523	5.23%
Cd 228.802†	11.3	0.00024	mg/L	0.000036	0.00048	mg/L	0.000072	15.12%
Co 228.616†	2.7	0.00005	mg/L	0.000195	0.00010	mg/L	0.000390	407.41%
Cr 267.716†	8.4	0.00200	mg/L	0.000650	0.00400	mg/L	0.001300	32.50%
Cu 324.752†	54.1	0.00025	mg/L	0.000140	0.00049	mg/L	0.000280	57.02%
Fe 273.955†	6.3	0.00504	mg/L	0.002393	0.01008	mg/L	0.004787	47.47%
K 766.490†	19.2	0.01408	mg/L	0.025014	0.02816	mg/L	0.050028	177.67%
Mg 279.077†	19.2	0.01528	mg/L	0.002591	0.03057	mg/L	0.005181	16.95%
Mn 257.610†	2.3	0.00008	mg/L	0.000313	0.00016	mg/L	0.000626	390.94%
Mo 202.031†	4.6	0.00072	mg/L	0.000449	0.00144	mg/L	0.000899	62.28%
Na 589.592†	57.3	0.02776	mg/L	0.005018	0.05552	mg/L	0.010037	18.08%
Na 330.237†	-19.7	-0.8590	mg/L	0.73420	-1.718	mg/L	1.4684	85.48%
Ni 231.604†	-1.7	-0.00138	mg/L	0.002317	-0.00276	mg/L	0.004634	167.98%
Pb 220.353†	14.1	0.00200	mg/L	0.000743	0.00400	mg/L	0.001485	37.18%
Sb 206.836†	-2.6	-0.00125	mg/L	0.001949	-0.00250	mg/L	0.003898	155.92%
Se 196.026†	5.4	0.00476	mg/L	0.004512	0.00952	mg/L	0.009024	94.74%
Si 288.158†	2.6	0.00148	mg/L	0.011844	0.00295	mg/L	0.023688	802.27%
Sn 189.927†	3.9	0.00115	mg/L	0.000124	0.00231	mg/L	0.000248	10.73%
Sr 421.552†	57.6	0.00019	mg/L	0.000071	0.00037	mg/L	0.000142	38.05%
Ti 334.903†	31.8	0.00151	mg/L	0.000705	0.00303	mg/L	0.001410	46.58%
Tl 190.801†	9.3	0.00440	mg/L	0.000614	0.00879	mg/L	0.001228	13.96%
V 292.402†	22.4	0.00020	mg/L	0.000071	0.00041	mg/L	0.000141	34.69%
Zn 206.200†	8.0	0.00751	mg/L	0.001335	0.01502	mg/L	0.002670	17.77%

Sequence No.: 38
Sample ID: LR67 D SWC
Analyst: BLW
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 55
Date Collected: 10/9/2007 6:41:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LR67 D SWC

Analyte	Back Pressure	Flow
All	157.0 kPa	0.50 L/min

Mean Data: LR67 D SWC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1837368.1	103.0	%	0.25				0.24%
ScR 361.383	158429.3	108.0	%	0.83				0.77%
Ag 328.068†	-918.7	-0.00015	mg/L	0.000205	-0.00029	mg/L	0.000409	140.69%
Al 308.215†	189146.1	112.7	mg/L	0.32	225.5	mg/L	0.64	0.28%
As 188.979†	96.8	0.04138	mg/L	0.003221	0.08275	mg/L	0.006441	7.78%
B 249.677†	26.2	0.02650	mg/L	0.001483	0.05300	mg/L	0.002965	5.59%
Ba 233.527†	1648.4	0.2810	mg/L	0.00269	0.5620	mg/L	0.00539	0.96%
Be 313.042†	752.7	0.00155	mg/L	0.000086	0.00311	mg/L	0.000172	5.55%
Ca 317.933†	695783.1	67.19	mg/L	0.020	134.4	mg/L	0.04	0.03%
Cd 228.802†	85.1	0.00149	mg/L	0.000061	0.00298	mg/L	0.000122	4.08%
Co 228.616†	4352.1	0.06039	mg/L	0.000470	0.1208	mg/L	0.00094	0.78%
Cr 267.716†	888.7	0.2133	mg/L	0.00240	0.4267	mg/L	0.00480	1.12%
Cu 324.752†	40692.2	0.1981	mg/L	0.00024	0.3961	mg/L	0.00048	0.12%
Fe 273.955†	203926.5	164.3	mg/L	0.47	328.6	mg/L	0.94	0.29%
K 766.490†	8633.0	6.325	mg/L	0.0309	12.65	mg/L	0.062	0.49%
Mg 279.077†	81435.4	64.85	mg/L	0.154	129.7	mg/L	0.31	0.24%
Mn 257.610†	65202.7	2.224	mg/L	0.0034	4.447	mg/L	0.0068	0.15%
Mo 202.031†	32.5	0.00858	mg/L	0.000398	0.01716	mg/L	0.000795	4.63%
Na 589.592†	5595.7	2.709	mg/L	0.0125	5.418	mg/L	0.0250	0.46%
Na 330.237†	32.3	2.859	mg/L	0.4803	5.717	mg/L	0.9606	16.80%
Ni 231.604†	179.6	0.1446	mg/L	0.00438	0.2892	mg/L	0.00875	3.03%
Pb 220.353†	230.9	0.05514	mg/L	0.002195	0.1103	mg/L	0.00439	3.98%
Sb 206.836†	-38.4	0.00330	mg/L	0.001219	0.00660	mg/L	0.002437	36.90%
Se 196.026†	-89.5	-0.02777	mg/L	0.009750	-0.05554	mg/L	0.019499	35.11%
Si 288.158†	3290.3	1.888	mg/L	0.0112	3.776	mg/L	0.0224	0.59%
Sn 189.927†	-20.6	-0.00919	mg/L	0.001683	-0.01838	mg/L	0.003366	18.32%
Sr 421.552†	76536.9	0.2463	mg/L	0.00049	0.4926	mg/L	0.00097	0.20%
Ti 334.903†	196141.6	9.348	mg/L	0.0215	18.70	mg/L	0.043	0.23%
Tl 190.801†	-10.5	-0.02038	mg/L	0.001560	-0.04075	mg/L	0.003120	7.66%
V 292.402†	50947.8	0.4063	mg/L	0.00099	0.8125	mg/L	0.00198	0.24%
Zn 206.200†	570.5	0.5361	mg/L	0.00698	1.072	mg/L	0.0140	1.30%