Analysis Begun

Start Time: 8/30/01 9:15:06 AM
Logged In Analyst: JVMORRIS
Spectrometer Model: Optima 3300 DV

Plasma On Time: 8/30/01 7:58:48 AM
Technique: ICP Continuous
Autosampler Model: AS-91

JVM
30 Aug 01

Sample Information File: D:\JVMORRIS\Sample Information\083001.sif
Results Data Set: 083001
Results Library: D:\JVMORRIS\Results\Results.mdb

Method Loaded
Method Name: water_080900
IEC File: 041100.iec
Method Description: Update to MSF with K in model + move K to Ag

Method Last Saved: 10/5/00 10:18:26 AM
MSF File: 050300.msf

8/30/01 9:16:48 AM Hg ReAlign... Actual peak offset (nm): -0.000
Drift (nm): 0.001 Slit adjustment: 6

Sequence No.: 2
Sample ID: Calib Blank 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 8/30/01 9:17:18 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	118547.8	2440.33	2.06%		
Y 360.073	2809440.0	11038.77	0.39%		
Ag 328.068†	151.7	16.44	10.84%	[0.00]	mg/L
Ag 338.289†	-165.0	38.00	23.04%	[0.00]	mg/L
Al 308.215†	-40.1	1.25	3.11%	[0.00]	mg/L
Al 394.401†	-4.2	2.14	50.63%	[0.00]	mg/L
Al 396.153†	88.6	3.93	4.43%	[0.00]	mg/L
As 188.979†	1.0	1.33	128.68%	[0.00]	mg/L
As 193.696†	-14.6	1.86	12.73%	[0.00]	mg/L
As 197.197†	-0.2	0.38	194.70%	[0.00]	mg/L
B 208.889†	19.2	2.00	10.39%	[0.00]	mg/L
B 249.677†	-1.3	2.98	224.69%	[0.00]	mg/L
B 249.772†	2.7	2.04	74.34%	[0.00]	mg/L
Ba 233.527†	-0.8	0.43	52.90%	[0.00]	mg/L
Ba 455.403†	94.2	1.01	1.07%	[0.00]	mg/L
Ba 493.408†	3.7	43.71	>999.9%	[0.00]	mg/L
Be 234.861†	-253.7	3.05	1.20%	[0.00]	mg/L
Be 313.042†	-135.8	3.82	2.81%	[0.00]	mg/L
Be 313.107†	-135.8	3.82	2.81%	[0.00]	mg/L
Ca 315.887†	22.9	2.59	11.30%	[0.00]	mg/L
Ca 317.933†	230.1	5.96	2.59%	[0.00]	mg/L
Cd 214.440†	0.0	0.00	0.00%	[0.00]	mg/L
Cd 226.502†	-20.2	1.35	6.68%	[0.00]	mg/L
Cd 228.802†	1.2	0.50	43.11%	[0.00]	mg/L
Ce 413.380†	-87.8	2.47	2.81%	[0.00]	mg/L
Ce 413.764†	-35.1	8.68	24.76%	[0.00]	mg/L
Ce 418.660†	-235.0	9.87	4.20%	[0.00]	mg/L
Co 228.616†	151.9	12.84	8.45%	[0.00]	mg/L
Co 230.786†	0.1	0.86	>999.9%	[0.00]	mg/L
Co 238.892†	-0.2	1.33	545.09%	[0.00]	mg/L
Cr 205.560†	0.2	0.38	179.00%	[0.00]	mg/L
Cr 267.716†	-10.2	3.91	38.29%	[0.00]	mg/L
Cr 283.563†	-2.6	2.17	81.92%	[0.00]	mg/L
Cu 224.700†	-2.5	0.93	37.36%	[0.00]	mg/L
Cu 324.752†	39.3	1.23	3.12%	[0.00]	mg/L
Cu 327.393†	97.3	22.45	23.08%	[0.00]	mg/L
Fe 238.204†	1.3	0.58	45.57%	[0.00]	mg/L

Fe 239.562†	1.2	0.41	33.29%	[0.00]	mg/L
Fe 259.939†	2.4	0.20	8.53%	[0.00]	mg/L
Fe 273.955†	0.3	1.55	527.24%	[0.00]	mg/L
K 766.490†	157.5	13.89	8.82%	[0.00]	mg/L
Li 610.362†	-1566.9	90.67	5.79%	[0.00]	mg/L
Li 670.784†	767.7	15.94	2.08%	[0.00]	mg/L
Mg 279.077†	27.5	1.86	6.79%	[0.00]	mg/L
Mg 280.271†	207.6	3.75	1.81%	[0.00]	mg/L
Mg 285.213†	-0.9	0.06	6.26%	[0.00]	mg/L
Mn 257.610†	8.8	0.78	8.84%	[0.00]	mg/L
Mn 259.372†	-1.5	6.31	417.54%	[0.00]	mg/L
Mn 260.568†	2.7	1.61	59.04%	[0.00]	mg/L
Mo 202.031†	-1.2	0.15	12.19%	[0.00]	mg/L
Mo 203.845†	0.8	1.95	253.73%	[0.00]	mg/L
Mo 204.597†	-18.9	2.66	14.05%	[0.00]	mg/L
Na 588.995†	-2648.0	119.35	4.51%	[0.00]	mg/L
Na 589.592†	996.4	37.88	3.80%	[0.00]	mg/L
Ni 221.648†	0.0	0.46	>999.9%	[0.00]	mg/L
Ni 231.604†	-26.4	3.06	11.60%	[0.00]	mg/L
Ni 232.003†	-1.0	0.80	81.75%	[0.00]	mg/L
Pb 217.000†	-1.4	0.95	69.48%	[0.00]	mg/L
Pb 220.353†	4.7	3.09	65.90%	[0.00]	mg/L
Sb 206.836†	-11.3	0.22	1.96%	[0.00]	mg/L
Sb 217.582†	-0.1	0.40	402.77%	[0.00]	mg/L
Se 196.026†	-10.7	3.93	36.65%	[0.00]	mg/L
Se 203.985†	-62.8	0.61	0.97%	[0.00]	mg/L
Sn 189.927†	-1.1	0.92	84.23%	[0.00]	mg/L
Sn 235.485†	2.4	1.25	52.67%	[0.00]	mg/L
Sr 407.771†	-147.9	2.68	1.81%	[0.00]	mg/L
Sr 421.552†	409.4	5.48	1.34%	[0.00]	mg/L
Sr 460.733†	-53.9	39.32	73.01%	[0.00]	mg/L
Ti 334.940†	2.1	2.19	104.43%	[0.00]	mg/L
Ti 336.121†	-93.1	2.18	2.35%	[0.00]	mg/L
Ti 337.279†	27.6	1.53	5.56%	[0.00]	mg/L
Tl 190.801†	-4.4	0.73	16.54%	[0.00]	mg/L
Tl 276.787†	52.9	3.56	6.74%	[0.00]	mg/L
Tl 351.924†	0.0	0.00	0.00%	[0.00]	mg/L
V 290.880†	28.0	0.68	2.43%	[0.00]	mg/L
V 309.310†	-3.5	2.40	68.20%	[0.00]	mg/L
V 310.230†	1584.0	192.20	12.13%	[0.00]	mg/L
Zn 202.548†	0.8	1.00	129.58%	[0.00]	mg/L
Zn 206.200†	-2.7	0.20	7.31%	[0.00]	mg/L
Zn 213.857†	6.5	0.34	5.19%	[0.00]	mg/L

Sequence No.: 3
Sample ID: Cal 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/30/01 9:21:46 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 371.029	117349.3	2039.78	1.74%		
Y 360.073	2839180.9	24972.60	0.88%		
As 188.979†	26.0	0.56	2.17%	[10]	mg/L
As 193.696†	7195.5	56.72	0.79%	[10]	mg/L
As 197.197†	18.9	0.19	1.01%	[10]	mg/L
B 208.889†	24.3	0.27	1.10%	[1]	mg/L
B 249.677†	246.2	4.93	2.00%	[1]	mg/L
B 249.772†	521.2	9.03	1.73%	[1]	mg/L
Ba 233.527†	580.2	7.82	1.35%	[1]	mg/L
Ba 455.403†	59975.1	201.00	0.34%	[1]	mg/L
Ba 493.408†	101367.7	196.05	0.19%	[1]	mg/L
Ca 317.933†	9587.3	52.56	0.55%	[10]	mg/L
Cd 214.440†	0.0	0.00	0.00%	[2]	mg/L

The standards were not analyzed in the same order as the entered (actual) concentrations.

Cd 226.502†	53397.4	237.75	0.45%	[2]	mg/L

Cd 228.802†	1183.4	16.32	1.38%	[2] mg/L
Cu 224.700†	179.3	4.36	2.43%	[2] mg/L
Cu 324.752†	7633.4	61.34	0.80%	[2] mg/L
Cu 327.393†	102541.0	499.40	0.49%	[2] mg/L
Mn 257.610†	11334.9	54.73	0.48%	[2] mg/L
Mn 259.372†	14864.7	121.74	0.82%	[2] mg/L
Mn 260.568†	7805.2	18.12	0.23%	[2] mg/L
Sb 206.836†	8094.7	52.86	0.65%	[5] mg/L
Sb 217.582†	33.7	0.22	0.65%	[5] mg/L
Se 196.026†	4396.2	40.57	0.92%	[5] mg/L
Se 203.985†	2156.4	4.12	0.19%	[5] mg/L
Sr 407.771†	100676.5	207.55	0.21%	[1] mg/L
Sr 421.552†	160848.8	430.94	0.27%	[1] mg/L
Sr 460.733†	7203.1	17.03	0.24%	[1] mg/L

Sequence No.: 4
Sample ID: Cal 2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 8/30/01 9:26:08 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Y 371.029	119441.7	1190.87	1.00%	
Y 360.073	2821838.8	19057.87	0.68%	
Li 610.362†	23542.2	101.69	0.43%	[5] mg/L
Li 670.784†	195628.9	836.78	0.43%	[5] mg/L
Mo 202.031†	299.7	5.56	1.86%	[10] mg/L
Mo 203.845†	161.7	3.42	2.11%	[10] mg/L
Mo 204.597†	62104.5	1456.07	2.34%	[10] mg/L
Na 588.995†	35994.4	121.79	0.34%	[10] mg/L
Ti 334.940†	83903.0	313.40	0.37%	[10] mg/L
Ti 336.121†	71292.9	241.60	0.34%	[10] mg/L
Ti 337.279†	27717.4	95.21	0.34%	[10] mg/L

Sequence No.: 5
Sample ID: Cal 3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 8/30/01 9:30:00 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Y 371.029	117967.6	844.93	0.72%	
Y 360.073	2816748.0	1905.82	0.07%	
Ce 413.380†	1996.8	11.17	0.56%	[2] mg/L
Ce 413.764†	2009.5	5.70	0.28%	[2] mg/L
Ce 418.660†	4090.4	56.45	1.38%	[2] mg/L
Co 228.616†	63623.2	250.90	0.39%	[2] mg/L
Co 230.786†	291.6	0.92	0.32%	[2] mg/L
Co 238.892†	434.9	0.65	0.15%	[2] mg/L
V 290.880†	1929.1	2.66	0.14%	[2] mg/L
V 309.310†	3344.8	2.41	0.07%	[2] mg/L
V 310.230†	241964.4	1145.27	0.47%	[2] mg/L

Sequence No.: 6
Sample ID: Cal 4
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 8/30/01 9:33:52 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 371.029	121033.9	1960.18	1.62%		
Y 360.073	2842008.3	35354.19	1.24%		
Al 394.401†	4703.9	18.40	0.39%	[10]	mg/L
Al 396.153†	16494.3	52.85	0.32%	[10]	mg/L
Cr 205.560†	110.8	0.68	0.62%	[5]	mg/L
Cr 267.716†	115081.5	1971.45	1.71%	[5]	mg/L
Cr 283.563†	4167.8	39.21	0.94%	[5]	mg/L
Sn 189.927†	4296.0	53.75	1.25%	[4]	mg/L
Sn 235.485†	110.4	1.60	1.45%	[4]	mg/L
Zn 202.548†	1047.8	15.84	1.51%	[5]	mg/L
Zn 206.200†	411.6	7.38	1.79%	[5]	mg/L
Zn 213.857†	1994.1	36.10	1.81%	[5]	mg/L

Sequence No.: 7
Sample ID: Cal Ag/K
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 8/30/01 9:37:49 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal Ag/K

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 371.029	120596.6	754.94	0.63%		
Y 360.073	2842095.6	5842.88	0.21%		
Ag 328.068†	16055.9	306.96	1.91%	[0.1]	mg/L
Ag 338.289†	8534.9	132.47	1.55%	[0.1]	mg/L
K 766.490†	221072.1	673.04	0.30%	[500]	mg/L

Sequence No.: 8
Sample ID: Cal 5
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 8/30/01 9:41:12 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Cal 5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 371.029	123047.2	1203.57	0.98%		
Y 360.073	2910991.2	32990.39	1.13%		
Be 234.861†	272840.3	3446.13	1.26%	[1]	mg/L
Be 313.042†	23391.7	69.30	0.30%	[1]	mg/L
Be 313.107†	23391.7	69.30	0.30%	[1]	mg/L
Fe 238.204†	6354.4	22.61	0.36%	[10]	mg/L
Fe 239.562†	4403.3	12.26	0.28%	[10]	mg/L
Fe 259.939†	12345.2	17.47	0.14%	[10]	mg/L
Mg 280.271†	315561.1	863.08	0.27%	[10]	mg/L
Mg 285.213†	9285.6	33.47	0.36%	[10]	mg/L
Ni 221.648†	67.3	2.43	3.62%	[2]	mg/L
Ni 231.604†	22643.5	483.15	2.13%	[2]	mg/L
Ni 232.003†	132.4	1.59	1.20%	[2]	mg/L
Pb 217.000†	98.0	2.70	2.76%	[10]	mg/L
Pb 220.353†	23587.2	487.21	2.07%	[10]	mg/L
Tl 190.801†	3273.4	91.33	2.79%	[5]	mg/L
Tl 276.787†	16430.5	374.54	2.28%	[5]	mg/L
Tl 351.924†	0.0	0.00	0.00%	[5]	mg/L

The standards were not analyzed in the same order as the entered (actual) concentrations.

Sequence No.: 9
Sample ID: Hi Cal
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 8/30/01 9:45:10 AM
Sample Prep Volume:
Data Type: Original

Mean Data: Hi Cal

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	118230.4	611.17	0.52%		
Y 360.073	2627536.7	30400.67	1.16%		
Al 308.215†	109149.3	573.33	0.53%	[500]	mg/L
Ca 315.887†	509214.4	2132.38	0.42%	[500]	mg/L
Fe 273.955†	104665.7	583.04	0.56%	[500]	mg/L
Mg 279.077†	97694.4	501.25	0.51%	[500]	mg/L
Na 589.592†	1883564.2	10024.76	0.53%	[500]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin, Calc Int	0.0	160600	0.00000	1.000000	
Ag 338.289	1	Lin, Calc Int	0.0	85350	0.00000	1.000000	
Al 308.215	1	Lin, Calc Int	0.0	218.3	0.00000	1.000000	
Al 394.401	1	Lin, Calc Int	0.0	470.4	0.00000	1.000000	
Al 396.153	1	Lin, Calc Int	0.0	1649	0.00000	1.000000	
As 188.979	1	Lin, Calc Int	0.0	2.598	0.00000	1.000000	
As 193.696	1	Lin, Calc Int	0.0	719.5	0.00000	1.000000	
As 197.197	1	Lin, Calc Int	0.0	1.885	0.00000	1.000000	
B 208.889	1	Lin, Calc Int	0.0	24.35	0.00000	1.000000	
B 249.677	1	Lin, Calc Int	0.0	246.2	0.00000	1.000000	
B 249.772	1	Lin, Calc Int	0.0	521.2	0.00000	1.000000	
Ba 233.527	1	Lin, Calc Int	0.0	580.2	0.00000	1.000000	
Ba 455.403	1	Lin, Calc Int	0.0	59980	0.00000	1.000000	
Ba 493.408	1	Lin, Calc Int	0.0	101400	0.00000	1.000000	
Be 234.861	1	Lin, Calc Int	0.0	272800	0.00000	1.000000	
Be 313.042	1	Lin, Calc Int	0.0	23390	0.00000	1.000000	
Be 313.107	1	Lin, Calc Int	0.0	23390	0.00000	1.000000	
Ca 315.887	1	Lin, Calc Int	0.0	1018	0.00000	1.000000	
Ca 317.933	1	Lin, Calc Int	0.0	958.7	0.00000	1.000000	
Cd 214.440	1	Lin, Calc Int	0.0	0.0000	0.00000	0.000000	
Cd 226.502	1	Lin, Calc Int	0.0	26700	0.00000	1.000000	
Cd 228.802	1	Lin, Calc Int	0.0	591.7	0.00000	1.000000	
Ce 413.380	1	Lin, Calc Int	0.0	998.4	0.00000	1.000000	
Ce 413.764	1	Lin, Calc Int	0.0	1005	0.00000	1.000000	
Ce 418.660	1	Lin, Calc Int	0.0	2045	0.00000	1.000000	
Co 228.616	1	Lin, Calc Int	0.0	31810	0.00000	1.000000	
Co 230.786	1	Lin, Calc Int	0.0	145.8	0.00000	1.000000	
Co 238.892	1	Lin, Calc Int	0.0	217.5	0.00000	1.000000	
Cr 205.560	1	Lin, Calc Int	-0.0	22.15	0.00000	1.000000	
Cr 267.716	1	Lin, Calc Int	0.0	23020	0.00000	1.000000	
Cr 283.563	1	Lin, Calc Int	0.0	833.6	0.00000	1.000000	
Cu 224.700	1	Lin, Calc Int	0.0	89.63	0.00000	1.000000	
Cu 324.752	1	Lin, Calc Int	0.0	3817	0.00000	1.000000	
Cu 327.393	1	Lin, Calc Int	0.0	51270	0.00000	1.000000	
Fe 238.204	1	Lin, Calc Int	0.0	635.4	0.00000	1.000000	
Fe 239.562	1	Lin, Calc Int	0.0	440.3	0.00000	1.000000	
Fe 259.939	1	Lin, Calc Int	0.0	1235	0.00000	1.000000	
Fe 273.955	1	Lin, Calc Int	0.0	209.3	0.00000	1.000000	
K 766.490	1	Lin, Calc Int	0.0	442.1	0.00000	1.000000	
Li 610.362	1	Lin, Calc Int	0.0	4708	0.00000	1.000000	
Li 670.784	1	Lin, Calc Int	0.0	39130	0.00000	1.000000	
Mg 279.077	1	Lin, Calc Int	0.0	195.4	0.00000	1.000000	
Mg 280.271	1	Lin, Calc Int	0.0	31560	0.00000	1.000000	
Mg 285.213	1	Lin, Calc Int	0.0	928.6	0.00000	1.000000	
Mn 257.610	1	Lin, Calc Int	0.0	5667	0.00000	1.000000	
Mn 259.372	1	Lin, Calc Int	0.0	7432	0.00000	1.000000	
Mn 260.568	1	Lin, Calc Int	0.0	3903	0.00000	1.000000	
Mo 202.031	1	Lin, Calc Int	0.0	29.97	0.00000	1.000000	
Mo 203.845	1	Lin, Calc Int	0.0	16.17	0.00000	1.000000	
Mo 204.597	1	Lin, Calc Int	0.0	6210	0.00000	1.000000	
Na 588.995	1	Lin, Calc Int	0.0	3599	0.00000	1.000000	
Na 589.592	1	Lin, Calc Int	0.0	3767	0.00000	1.000000	
Ni 221.648	1	Lin, Calc Int	0.0	33.64	0.00000	1.000000	
Ni 231.604	1	Lin, Calc Int	0.0	11320	0.00000	1.000000	

Ni 232.003	1	Lin, Calc Int	0.0	66.21	0.00000	1.000000
Pb 217.000	1	Lin, Calc Int	0.0	9.797	0.00000	1.000000
Pb 220.353	1	Lin, Calc Int	0.0	2359	0.00000	1.000000
Sb 206.836	1	Lin, Calc Int	-0.0	1619	0.00000	1.000000
Sb 217.582	1	Lin, Calc Int	0.0	6.734	0.00000	1.000000
Se 196.026	1	Lin, Calc Int	0.0	879.2	0.00000	1.000000
Se 203.985	1	Lin, Calc Int	-0.0	431.3	0.00000	1.000000
Sn 189.927	1	Lin, Calc Int	0.0	1074	0.00000	1.000000
Sn 235.485	1	Lin, Calc Int	0.0	27.60	0.00000	1.000000
Sr 407.771	1	Lin, Calc Int	0.0	100700	0.00000	1.000000
Sr 421.552	1	Lin, Calc Int	0.0	160800	0.00000	1.000000
Sr 460.733	1	Lin, Calc Int	0.0	7203	0.00000	1.000000
Ti 334.940	1	Lin, Calc Int	0.0	8390	0.00000	1.000000
Ti 336.121	1	Lin, Calc Int	0.0	7129	0.00000	1.000000
Ti 337.279	1	Lin, Calc Int	0.0	2772	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	-0.0	654.7	0.00000	1.000000
Tl 276.787	1	Lin, Calc Int	0.0	3286	0.00000	1.000000
Tl 351.924	1	Lin, Calc Int	0.0	0.0000	0.00000	0.000000
V 290.880	1	Lin, Calc Int	0.0	964.5	0.00000	1.000000
V 309.310	1	Lin, Calc Int	0.0	1672	0.00000	1.000000
V 310.230	1	Lin, Calc Int	0.0	121000	0.00000	1.000000
Zn 202.548	1	Lin, Calc Int	-0.0	209.6	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	82.32	0.00000	1.000000
Zn 213.857	1	Lin, Calc Int	0.0	398.8	0.00000	1.000000

Sequence No.: 10
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 8/30/01 9:49:33 AM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124629.2						829.64	0.67%
Y 360.073	2924798.5						61778.90	2.11%
Ag 328.068†	10.7	0.00007	mg/L	0.000285	0.00007	mg/L	0.000285	428.07%
Ag 338.289†	38.5	0.00045	mg/L	0.000544	0.00045	mg/L	0.000544	120.47%
Al 308.215†	19.9	0.09119	mg/L	0.006450	0.09119	mg/L	0.006450	7.07%
Al 394.401†	32.7	0.06958	mg/L	0.005363	0.06958	mg/L	0.005363	7.71%
Al 396.153†	115.6	0.06903	mg/L	0.003766	0.06903	mg/L	0.003766	5.46%
As 188.979†	-0.1	-0.05019	mg/L	0.121435	-0.05019	mg/L	0.121435	241.95%
As 193.696†	2.2	0.00304	mg/L	0.000498	0.00304	mg/L	0.000498	16.38%
As 197.197†	0.4	0.2285	mg/L	0.01908	0.2285	mg/L	0.01908	8.35%
B 208.889†	1.7	0.07139	mg/L	0.064581	0.07139	mg/L	0.064581	90.47%
B 249.677†	-3.5	-0.01417	mg/L	0.011399	-0.01417	mg/L	0.011399	80.47%
B 249.772†	-1.1	-0.00208	mg/L	0.003319	-0.00208	mg/L	0.003319	159.26%
Ba 233.527†	-0.0	-0.00003	mg/L	0.000098	-0.00003	mg/L	0.000098	291.39%
Ba 455.403†	-19.5	-0.00033	mg/L	0.000059	-0.00033	mg/L	0.000059	18.04%
Ba 493.408†	-17.8	-0.00018	mg/L	0.000583	-0.00018	mg/L	0.000583	331.74%
Be 234.861†	-63.7	-0.00023	mg/L	0.000014	-0.00023	mg/L	0.000014	6.16%
Be 313.042†	8.9	0.00038	mg/L	0.000071	0.00038	mg/L	0.000071	18.56%
Be 313.107†	8.9	0.00038	mg/L	0.000071	0.00038	mg/L	0.000071	18.56%
Ca 315.887†	79.2	0.07773	mg/L	0.005762	0.07773	mg/L	0.005762	7.41%
Ca 317.933†	72.6	0.07569	mg/L	0.007319	0.07569	mg/L	0.007319	9.67%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-0.8	-0.00003	mg/L	0.000044	-0.00003	mg/L	0.000044	146.50%
Cd 228.802†	-0.2	-0.00032	mg/L	0.000855	-0.00032	mg/L	0.000855	264.69%
Ce 413.380†	3.7	0.00373	mg/L	0.003296	0.00373	mg/L	0.003296	88.28%
Ce 413.764†	-4.6	-0.00457	mg/L	0.010175	-0.00457	mg/L	0.010175	222.46%
Ce 418.660†	17.4	0.00849	mg/L	0.011492	0.00849	mg/L	0.011492	135.41%
Co 228.616†	49.0	0.00154	mg/L	0.000305	0.00154	mg/L	0.000305	19.82%
Co 230.786†	0.3	0.00238	mg/L	0.002075	0.00238	mg/L	0.002075	87.28%
Co 238.892†	0.4	0.00196	mg/L	0.002166	0.00196	mg/L	0.002166	110.41%
Cr 205.560†	-0.1	-0.00424	mg/L	0.014179	-0.00424	mg/L	0.014179	334.68%
Cr 267.716†	-0.1	-0.00001	mg/L	0.000156	-0.00001	mg/L	0.000156	>999.9%
Cr 283.563†	-0.2	-0.00026	mg/L	0.002145	-0.00026	mg/L	0.002145	831.52%
Cu 224.700†	1.4	0.01576	mg/L	0.010859	0.01576	mg/L	0.010859	68.90%

Cu 324.752†	-9.5	-0.00250	mg/L	0.000949	-0.00250	mg/L	0.000949	37.98%
Cu 327.393†	-117.8	-0.00230	mg/L	0.000172	-0.00230	mg/L	0.000172	7.49%
Fe 238.204†	29.6	0.04654	mg/L	0.004505	0.04654	mg/L	0.004505	9.68%
Fe 239.562†	21.7	0.04937	mg/L	0.006863	0.04937	mg/L	0.006863	13.90%
Fe 259.939†	58.5	0.04742	mg/L	0.006982	0.04742	mg/L	0.006982	14.72%
Fe 273.955†	10.1	0.04844	mg/L	0.007863	0.04844	mg/L	0.007863	16.23%
K 766.490†	74.9	0.1693	mg/L	0.01742	0.1693	mg/L	0.01742	10.29%
Li 610.362†	46.8	0.00994	mg/L	0.015963	0.00994	mg/L	0.015963	160.60%
Li 670.784†	-137.7	-0.00352	mg/L	0.001279	-0.00352	mg/L	0.001279	36.32%
Mg 279.077†	17.6	0.08999	mg/L	0.023421	0.08999	mg/L	0.023421	26.03%
Mg 280.271†	2336.3	0.07404	mg/L	0.006128	0.07404	mg/L	0.006128	8.28%
Mg 285.213†	70.4	0.07586	mg/L	0.006647	0.07586	mg/L	0.006647	8.76%
Mn 257.610†	-3.5	-0.00061	mg/L	0.000178	-0.00061	mg/L	0.000178	29.25%
Mn 259.372†	-2.5	-0.00054	mg/L	0.000479	-0.00054	mg/L	0.000479	89.29%
Mn 260.568†	0.0	0.00000	mg/L	0.000278	0.00000	mg/L	0.000278	>999.9%
Mo 202.031†	0.9	0.03035	mg/L	0.026036	0.03035	mg/L	0.026036	85.80%
Mo 203.845†	0.7	0.04394	mg/L	0.109713	0.04394	mg/L	0.109713	249.68%
Mo 204.597†	4.8	0.00077	mg/L	0.000735	0.00077	mg/L	0.000735	95.53%
Na 588.995†	1289.0	0.3581	mg/L	0.02453	0.3581	mg/L	0.02453	6.85%
Na 589.592†	1242.2	0.3298	mg/L	0.03135	0.3298	mg/L	0.03135	9.51%
Ni 221.648†	0.3	0.01013	mg/L	0.001429	0.01013	mg/L	0.001429	14.11%
Ni 231.604†	14.9	0.00131	mg/L	0.000154	0.00131	mg/L	0.000154	11.71%
Ni 232.003†	0.1	0.00109	mg/L	0.015839	0.00109	mg/L	0.015839	>999.9%
Pb 217.000†	-0.3	-0.03242	mg/L	0.056728	-0.03242	mg/L	0.056728	174.97%
Pb 220.353†	1.1	0.00045	mg/L	0.001072	0.00045	mg/L	0.001072	237.55%
Sb 206.836†	4.0	0.00245	mg/L	0.002068	0.00245	mg/L	0.002068	84.39%
Sb 217.582†	-0.3	-0.03995	mg/L	0.092509	-0.03995	mg/L	0.092509	231.55%
Se 196.026†	-1.2	-0.00140	mg/L	0.004642	-0.00140	mg/L	0.004642	332.40%
Se 203.985†	2.9	0.00668	mg/L	0.003345	0.00668	mg/L	0.003345	50.03%
Sn 189.927†	0.7	0.00069	mg/L	0.000230	0.00069	mg/L	0.000230	33.31%
Sn 235.485†	-1.2	-0.04516	mg/L	0.076607	-0.04516	mg/L	0.076607	169.64%
Sr 407.771†	-6.1	-0.00006	mg/L	0.000018	-0.00006	mg/L	0.000018	29.77%
Sr 421.552†	-34.7	-0.00022	mg/L	0.000076	-0.00022	mg/L	0.000076	35.43%
Sr 460.733†	-39.0	-0.00542	mg/L	0.006869	-0.00542	mg/L	0.006869	126.72%
Ti 334.940†	2.9	0.00034	mg/L	0.000029	0.00034	mg/L	0.000029	8.57%
Ti 336.121†	-5.5	-0.00077	mg/L	0.000110	-0.00077	mg/L	0.000110	14.40%
Ti 337.279†	-6.5	-0.00233	mg/L	0.000062	-0.00233	mg/L	0.000062	2.68%
Tl 190.801†	2.1	0.00328	mg/L	0.001663	0.00328	mg/L	0.001663	50.64%
Tl 276.787†	13.9	0.00424	mg/L	0.001412	0.00424	mg/L	0.001412	33.33%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-2.7	-0.00280	mg/L	0.000834	-0.00280	mg/L	0.000834	29.78%
V 309.310†	3.7	0.00221	mg/L	0.001800	0.00221	mg/L	0.001800	81.39%
V 310.230†	483.2	0.00399	mg/L	0.000196	0.00399	mg/L	0.000196	4.90%
Zn 202.548†	-0.2	-0.00104	mg/L	0.001766	-0.00104	mg/L	0.001766	169.57%
Zn 206.200†	0.1	0.00164	mg/L	0.005805	0.00164	mg/L	0.005805	354.79%
Zn 213.857†	-2.3	-0.00581	mg/L	0.000250	-0.00581	mg/L	0.000250	4.31%

Sequence No.: 11
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 9:54:04 AM

Sample Prep Volume:
Data Type: Original

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	121057.1						3543.55	2.93%
Y 360.073	2904443.7						24240.43	0.83%
Ag 328.068†	24.4	0.00015	mg/L	0.000112	0.00015	mg/L	0.000112	73.91%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	21.4	0.00025	mg/L	0.000611	0.00025	mg/L	0.000611	244.02%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	7.7	0.03509	mg/L	0.002909	0.03509	mg/L	0.002909	8.29%
QC value within limits for Al 308.215 Recovery = Not calculated								
Al 394.401†	1.6	0.00348	mg/L	0.005605	0.00348	mg/L	0.005605	160.90%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	9.1	0.00325	mg/L	0.003983	0.00325	mg/L	0.003983	122.54%
QC value within limits for Al 396.153 Recovery = Not calculated								

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As 188.979†                0.1     0.02546 mg/L      0.685589     0.02546 mg/L      0.685589 >999.9%
   QC value within limits for As 188.979  Recovery = Not calculated
As 193.696†                0.9     0.00125 mg/L      0.001783     0.00125 mg/L      0.001783 142.51%
   QC value within limits for As 193.696  Recovery = Not calculated
As 197.197†               -0.6     -0.3238 mg/L       0.19891     -0.3238 mg/L       0.19891  61.43%
   QC value within limits for As 197.197  Recovery = Not calculated
B 208.889†                 1.8     0.07381 mg/L      0.068704     0.07381 mg/L      0.068704  93.08%
   QC value within limits for B 208.889  Recovery = Not calculated
B 249.677†                -1.9    -0.00781 mg/L      0.006743    -0.00781 mg/L      0.006743  86.34%
   QC value within limits for B 249.677  Recovery = Not calculated
B 249.772†                -1.3    -0.00240 mg/L      0.001346    -0.00240 mg/L      0.001346  56.14%
   QC value within limits for B 249.772  Recovery = Not calculated
Ba 233.527†               -0.5    -0.00092 mg/L      0.000729    -0.00092 mg/L      0.000729  78.83%
   QC value within limits for Ba 233.527  Recovery = Not calculated
Ba 455.403†               -2.5    -0.00004 mg/L      0.000049    -0.00004 mg/L      0.000049 118.77%
   QC value within limits for Ba 455.403  Recovery = Not calculated
Ba 493.408†               17.6     0.00017 mg/L      0.000586     0.00017 mg/L      0.000586 337.89%
   QC value within limits for Ba 493.408  Recovery = Not calculated
Be 234.861†              -23.3    -0.00009 mg/L      0.000019    -0.00009 mg/L      0.000019  22.69%
   QC value within limits for Be 234.861  Recovery = Not calculated
Be 313.042†                6.5     0.00028 mg/L      0.000231     0.00028 mg/L      0.000231  83.03%
   QC value within limits for Be 313.042  Recovery = Not calculated
Be 313.107†                6.5     0.00028 mg/L      0.000231     0.00028 mg/L      0.000231  83.03%
   QC value within limits for Be 313.107  Recovery = Not calculated
Ca 315.887†                6.1     0.00597 mg/L      0.006596     0.00597 mg/L      0.006596 110.41%
   QC value within limits for Ca 315.887  Recovery = Not calculated
Ca 317.933†               13.3     0.01384 mg/L      0.009238     0.01384 mg/L      0.009238  66.73%
   QC value within limits for Ca 317.933  Recovery = Not calculated
Cd 214.440†                0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Cd 214.440  Recovery = Not calculated
Cd 226.502†               -1.3    -0.00005 mg/L      0.000034    -0.00005 mg/L      0.000034  71.31%
   QC value within limits for Cd 226.502  Recovery = Not calculated
Cd 228.802†                0.2     0.00035 mg/L      0.001301     0.00035 mg/L      0.001301 368.69%
   QC value within limits for Cd 228.802  Recovery = Not calculated
Ce 413.380†               -1.1    -0.00111 mg/L      0.003410    -0.00111 mg/L      0.003410 306.66%
   QC value within limits for Ce 413.380  Recovery = Not calculated
Ce 413.764†                0.5     0.00048 mg/L      0.009402     0.00048 mg/L      0.009402 >999.9%
   QC value within limits for Ce 413.764  Recovery = Not calculated
Ce 418.660†               -2.2    -0.00105 mg/L      0.012311    -0.00105 mg/L      0.012311 >999.9%
   QC value within limits for Ce 418.660  Recovery = Not calculated
Co 228.616†               -3.7    -0.00012 mg/L      0.000275    -0.00012 mg/L      0.000275 237.75%
   QC value within limits for Co 228.616  Recovery = Not calculated
Co 230.786†               -0.0    -0.00030 mg/L      0.008850    -0.00030 mg/L      0.008850 >999.9%
   QC value within limits for Co 230.786  Recovery = Not calculated
Co 238.892†                0.1     0.00024 mg/L      0.005694     0.00024 mg/L      0.005694 >999.9%
   QC value within limits for Co 238.892  Recovery = Not calculated
Cr 205.560†               -0.1    -0.00430 mg/L      0.022251    -0.00430 mg/L      0.022251 516.88%
   QC value within limits for Cr 205.560  Recovery = Not calculated
Cr 267.716†               -2.4    -0.00011 mg/L      0.000095    -0.00011 mg/L      0.000095  88.96%
   QC value within limits for Cr 267.716  Recovery = Not calculated
Cr 283.563†               -0.8    -0.00098 mg/L      0.001378    -0.00098 mg/L      0.001378 141.01%
   QC value within limits for Cr 283.563  Recovery = Not calculated
Cu 224.700†                0.8     0.00912 mg/L      0.003587     0.00912 mg/L      0.003587  39.32%
   QC value within limits for Cu 224.700  Recovery = Not calculated
Cu 324.752†               -6.1    -0.00159 mg/L      0.000789    -0.00159 mg/L      0.000789  49.66%
   QC value within limits for Cu 324.752  Recovery = Not calculated
Cu 327.393†              -76.1    -0.00148 mg/L      0.000202    -0.00148 mg/L      0.000202  13.62%
   QC value within limits for Cu 327.393  Recovery = Not calculated
Fe 238.204†                4.4     0.00690 mg/L      0.003088     0.00690 mg/L      0.003088  44.76%
   QC value within limits for Fe 238.204  Recovery = Not calculated
Fe 239.562†                4.0     0.00915 mg/L      0.005024     0.00915 mg/L      0.005024  54.90%
   QC value within limits for Fe 239.562  Recovery = Not calculated
Fe 259.939†                8.6     0.00697 mg/L      0.002366     0.00697 mg/L      0.002366  33.92%
   QC value within limits for Fe 259.939  Recovery = Not calculated
Fe 273.955†                1.8     0.00854 mg/L      0.005603     0.00854 mg/L      0.005603  65.59%
   QC value within limits for Fe 273.955  Recovery = Not calculated
K 766.490†               106.8      0.2416 mg/L       0.01859      0.2416 mg/L       0.01859   7.69%
   QC value within limits for K 766.490  Recovery = Not calculated
Li 610.362†              -33.9    -0.00720 mg/L      0.026752    -0.00720 mg/L      0.026752 371.67%
   QC value within limits for Li 610.362  Recovery = Not calculated
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Li 670.784†	-60.7	-0.00155	mg/L	0.000289	-0.00155	mg/L	0.000289	18.67%
QC value within limits for Li 670.784 Recovery = Not calculated								
Mg 279.077†	6.4	0.03271	mg/L	0.008305	0.03271	mg/L	0.008305	25.39%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mg 280.271†	195.6	0.00620	mg/L	0.002375	0.00620	mg/L	0.002375	38.32%
QC value within limits for Mg 280.271 Recovery = Not calculated								
Mg 285.213†	7.6	0.00816	mg/L	0.002833	0.00816	mg/L	0.002833	34.73%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-1.5	-0.00027	mg/L	0.000038	-0.00027	mg/L	0.000038	14.22%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mn 259.372†	-0.2	-0.00038	mg/L	0.000506	-0.00038	mg/L	0.000506	133.43%
QC value within limits for Mn 259.372 Recovery = Not calculated								
Mn 260.568†	0.2	0.00006	mg/L	0.000385	0.00006	mg/L	0.000385	646.10%
QC value within limits for Mn 260.568 Recovery = Not calculated								
Mo 202.031†	2.2	0.07227	mg/L	0.053049	0.07227	mg/L	0.053049	73.40%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Mo 203.845†	-0.2	-0.00999	mg/L	0.087871	-0.00999	mg/L	0.087871	879.97%
QC value within limits for Mo 203.845 Recovery = Not calculated								
Mo 204.597†	5.3	0.00086	mg/L	0.000201	0.00086	mg/L	0.000201	23.43%
QC value within limits for Mo 204.597 Recovery = Not calculated								
Na 588.995†	871.0	0.2420	mg/L	0.03656	0.2420	mg/L	0.03656	15.11%
QC value within limits for Na 588.995 Recovery = Not calculated								
Na 589.592†	974.5	0.2587	mg/L	0.01557	0.2587	mg/L	0.01557	6.02%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 221.648†	0.1	0.00187	mg/L	0.010922	0.00187	mg/L	0.010922	584.42%
QC value within limits for Ni 221.648 Recovery = Not calculated								
Ni 231.604†	7.3	0.00064	mg/L	0.000285	0.00064	mg/L	0.000285	44.33%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Ni 232.003†	1.7	0.02600	mg/L	0.003109	0.02600	mg/L	0.003109	11.96%
QC value within limits for Ni 232.003 Recovery = Not calculated								
Pb 217.000†	0.1	0.01342	mg/L	0.067747	0.01342	mg/L	0.067747	504.77%
QC value within limits for Pb 217.000 Recovery = Not calculated								
Pb 220.353†	11.3	0.00479	mg/L	0.000900	0.00479	mg/L	0.000900	18.76%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	2.3	0.00144	mg/L	0.002333	0.00144	mg/L	0.002333	162.16%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Sb 217.582†	-0.0	-0.00309	mg/L	0.124588	-0.00309	mg/L	0.124588	>999.9%
QC value within limits for Sb 217.582 Recovery = Not calculated								
Se 196.026†	2.7	0.00304	mg/L	0.001730	0.00304	mg/L	0.001730	56.95%
QC value within limits for Se 196.026 Recovery = Not calculated								
Se 203.985†	1.8	0.00429	mg/L	0.007074	0.00429	mg/L	0.007074	165.08%
QC value within limits for Se 203.985 Recovery = Not calculated								
Sn 189.927†	-0.1	-0.00006	mg/L	0.000644	-0.00006	mg/L	0.000644	>999.9%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sn 235.485†	-1.9	-0.06875	mg/L	0.045699	-0.06875	mg/L	0.045699	66.47%
QC value within limits for Sn 235.485 Recovery = Not calculated								
Sr 407.771†	-0.6	-0.00001	mg/L	0.000078	-0.00001	mg/L	0.000078	>999.9%
QC value within limits for Sr 407.771 Recovery = Not calculated								
Sr 421.552†	-11.9	-0.00007	mg/L	0.000032	-0.00007	mg/L	0.000032	43.67%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Sr 460.733†	-58.5	-0.00812	mg/L	0.008222	-0.00812	mg/L	0.008222	101.21%
QC value within limits for Sr 460.733 Recovery = Not calculated								
Ti 334.940†	3.1	0.00036	mg/L	0.000325	0.00036	mg/L	0.000325	89.20%
QC value within limits for Ti 334.940 Recovery = Not calculated								
Ti 336.121†	-8.6	-0.00120	mg/L	0.000602	-0.00120	mg/L	0.000602	50.11%
QC value within limits for Ti 336.121 Recovery = Not calculated								
Ti 337.279†	-6.6	-0.00239	mg/L	0.000628	-0.00239	mg/L	0.000628	26.23%
QC value within limits for Ti 337.279 Recovery = Not calculated								
Tl 190.801†	1.7	0.00266	mg/L	0.002016	0.00266	mg/L	0.002016	75.76%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Tl 276.787†	7.4	0.00227	mg/L	0.003614	0.00227	mg/L	0.003614	159.44%
QC value within limits for Tl 276.787 Recovery = Not calculated								
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value within limits for Tl 351.924 Recovery = Not calculated								
V 290.880†	-1.4	-0.00145	mg/L	0.002528	-0.00145	mg/L	0.002528	174.18%
QC value within limits for V 290.880 Recovery = Not calculated								
V 309.310†	3.2	0.00190	mg/L	0.001191	0.00190	mg/L	0.001191	62.60%
QC value within limits for V 309.310 Recovery = Not calculated								
V 310.230†	345.6	0.00286	mg/L	0.000791	0.00286	mg/L	0.000791	27.69%
QC value within limits for V 310.230 Recovery = Not calculated								

Zn 202.548†	1.2	0.00572 mg/L	0.006682	0.00572 mg/L	0.006682	116.87%
QC value within limits for Zn 202.548 Recovery = Not calculated						
Zn 206.200†	-0.1	-0.00095 mg/L	0.001640	-0.00095 mg/L	0.001640	172.15%
QC value within limits for Zn 206.200 Recovery = Not calculated						
Zn 213.857†	-1.3	-0.00333 mg/L	0.002914	-0.00333 mg/L	0.002914	87.58%
QC value within limits for Zn 213.857 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 12
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 9:58:30 AM

Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	123222.1						1963.49	1.59%
Y 360.073	2915482.3						14415.82	0.49%
Ag 328.068†	28110.6	0.1751	mg/L	0.00069	0.1751	mg/L	0.00069	0.40%
Ag 338.289†	15122.5	0.1772	mg/L	0.00127	0.1772	mg/L	0.00127	0.72%
Al 308.215†	225.0	1.031	mg/L	0.0165	1.031	mg/L	0.0165	1.60%
QC value within limits for Al 308.215 Recovery = 103.08%								
Al 394.401†	469.1	0.9972	mg/L	0.00812	0.9972	mg/L	0.00812	0.81%
QC value within limits for Al 394.401 Recovery = 99.72%								
Al 396.153†	1675.4	1.012	mg/L	0.0069	1.012	mg/L	0.0069	0.68%
QC value within limits for Al 396.153 Recovery = 101.18%								
As 188.979†	5.3	2.059	mg/L	0.2951	2.059	mg/L	0.2951	14.33%
QC value within limits for As 188.979 Recovery = 102.96%								
As 193.696†	1458.9	2.028	mg/L	0.0107	2.028	mg/L	0.0107	0.53%
QC value within limits for As 193.696 Recovery = 101.38%								
As 197.197†	3.8	2.036	mg/L	0.1616	2.036	mg/L	0.1616	7.94%
QC value within limits for As 197.197 Recovery = 101.78%								
B 208.889†	20.8	0.8554	mg/L	0.10517	0.8554	mg/L	0.10517	12.29%
QC value less than the lower limit for B 208.889 Recovery = 85.54%								
B 249.677†	230.4	0.9361	mg/L	0.01634	0.9361	mg/L	0.01634	1.75%
QC value within limits for B 249.677 Recovery = 93.61%								
B 249.772†	480.6	0.9220	mg/L	0.01803	0.9220	mg/L	0.01803	1.96%
QC value within limits for B 249.772 Recovery = 92.20%								
Ba 233.527†	576.5	0.9935	mg/L	0.00693	0.9935	mg/L	0.00693	0.70%
QC value within limits for Ba 233.527 Recovery = 99.35%								
Ba 455.403†	59261.0	0.9881	mg/L	0.00134	0.9881	mg/L	0.00134	0.14%
QC value within limits for Ba 455.403 Recovery = 98.81%								
Ba 493.408†	99845.5	0.9850	mg/L	0.00057	0.9850	mg/L	0.00057	0.06%
QC value within limits for Ba 493.408 Recovery = 98.50%								
Be 234.861†	292895.3	1.074	mg/L	0.0148	1.074	mg/L	0.0148	1.38%
QC value within limits for Be 234.861 Recovery = 107.35%								
Be 313.042†	23121.3	0.9884	mg/L	0.00418	0.9884	mg/L	0.00418	0.42%
QC value within limits for Be 313.042 Recovery = 98.84%								
Be 313.107†	23121.3	0.9884	mg/L	0.00418	0.9884	mg/L	0.00418	0.42%
QC value within limits for Be 313.107 Recovery = 98.84%								
Ca 315.887†	1138.3	1.118	mg/L	0.0098	1.118	mg/L	0.0098	0.88%
QC value greater than the upper limit for Ca 315.887 Recovery = 111.77%								
Ca 317.933†	971.8	1.014	mg/L	0.0112	1.014	mg/L	0.0112	1.11%
QC value within limits for Ca 317.933 Recovery = 101.37%								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%								
Cd 226.502†	26823.6	1.005	mg/L	0.0075	1.005	mg/L	0.0075	0.74%
QC value within limits for Cd 226.502 Recovery = 100.47%								
Cd 228.802†	589.3	0.9960	mg/L	0.01321	0.9960	mg/L	0.01321	1.33%
QC value within limits for Cd 228.802 Recovery = 99.60%								
Ce 413.380†	981.9	0.9835	mg/L	0.02573	0.9835	mg/L	0.02573	2.62%
QC value within limits for Ce 413.380 Recovery = 98.35%								
Ce 413.764†	970.1	0.9656	mg/L	0.01298	0.9656	mg/L	0.01298	1.34%
QC value within limits for Ce 413.764 Recovery = 96.56%								
Ce 418.660†	2080.5	1.017	mg/L	0.0291	1.017	mg/L	0.0291	2.86%
QC value within limits for Ce 418.660 Recovery = 101.73%								
Co 228.616†	31892.9	1.003	mg/L	0.0068	1.003	mg/L	0.0068	0.67%

QC value within limits for Co 228.616 Recovery = 100.26%

Co 230.786†	142.0	0.9741 mg/L	0.01919	0.9741 mg/L	0.01919	1.97%

QC value within limits for Co 230.786 Recovery = 97.41%

Co 238.892†	210.2	0.9664 mg/L	0.01839	0.9664 mg/L	0.01839	1.90%

QC value within limits for Co 238.892 Recovery = 96.64%

Cr 205.560†	22.4	1.010 mg/L	0.0112	1.010 mg/L	0.0112	1.11%

QC value within limits for Cr 205.560 Recovery = 100.96%

Cr 267.716†	22980.7	0.9985 mg/L	0.00505	0.9985 mg/L	0.00505	0.51%

QC value within limits for Cr 267.716 Recovery = 99.85%

Cr 283.563†	803.7	0.9642 mg/L	0.00623	0.9642 mg/L	0.00623	0.65%

QC value within limits for Cr 283.563 Recovery = 96.42%

Cu 224.700†	86.0	0.9591 mg/L	0.03539	0.9591 mg/L	0.03539	3.69%

QC value within limits for Cu 224.700 Recovery = 95.91%

Cu 324.752†	3642.9	0.9545 mg/L	0.00836	0.9545 mg/L	0.00836	0.88%

QC value within limits for Cu 324.752 Recovery = 95.45%

Cu 327.393†	50911.0	0.9930 mg/L	0.01811	0.9930 mg/L	0.01811	1.82%

QC value within limits for Cu 327.393 Recovery = 99.30%

Fe 238.204†	636.0	1.001 mg/L	0.0130	1.001 mg/L	0.0130	1.30%

QC value within limits for Fe 238.204 Recovery = 100.08%

Fe 239.562†	441.3	1.002 mg/L	0.0080	1.002 mg/L	0.0080	0.80%

QC value within limits for Fe 239.562 Recovery = 100.21%

Fe 259.939†	1241.3	1.005 mg/L	0.0081	1.005 mg/L	0.0081	0.81%

QC value within limits for Fe 259.939 Recovery = 100.55%

Fe 273.955†	232.6	1.111 mg/L	0.0048	1.111 mg/L	0.0048	0.43%

QC value greater than the upper limit for Fe 273.955 Recovery = 111.12%

K 766.490†	2374.1	5.370 mg/L	0.0415	5.370 mg/L	0.0415	0.77%

QC value within limits for K 766.490 Recovery = 107.39%

Li 610.362†	4789.5	1.017 mg/L	0.0305	1.017 mg/L	0.0305	3.00%

QC value within limits for Li 610.362 Recovery = 101.72%

Li 670.784†	38938.7	0.9952 mg/L	0.00332	0.9952 mg/L	0.00332	0.33%

QC value within limits for Li 670.784 Recovery = 99.52%

Mg 279.077†	201.5	1.031 mg/L	0.0095	1.031 mg/L	0.0095	0.92%

QC value within limits for Mg 279.077 Recovery = 103.15%

Mg 280.271†	32320.9	1.024 mg/L	0.0024	1.024 mg/L	0.0024	0.23%

QC value within limits for Mg 280.271 Recovery = 102.42%

Mg 285.213†	947.0	1.020 mg/L	0.0088	1.020 mg/L	0.0088	0.87%

QC value within limits for Mg 285.213 Recovery = 101.98%

Mn 257.610†	5593.2	0.9869 mg/L	0.00429	0.9869 mg/L	0.00429	0.43%

QC value within limits for Mn 257.610 Recovery = 98.69%

Mn 259.372†	7371.5	0.9864 mg/L	0.00255	0.9864 mg/L	0.00255	0.26%

QC value within limits for Mn 259.372 Recovery = 98.64%

Mn 260.568†	3862.0	0.9896 mg/L	0.00139	0.9896 mg/L	0.00139	0.14%

QC value within limits for Mn 260.568 Recovery = 98.96%

Mo 202.031†	26.5	0.8836 mg/L	0.03418	0.8836 mg/L	0.03418	3.87%

QC value less than the lower limit for Mo 202.031 Recovery = 88.36%

Mo 203.845†	15.0	0.9302 mg/L	0.03491	0.9302 mg/L	0.03491	3.75%

QC value within limits for Mo 203.845 Recovery = 93.02%

Mo 204.597†	5508.4	0.8870 mg/L	0.00541	0.8870 mg/L	0.00541	0.61%

QC value less than the lower limit for Mo 204.597 Recovery = 88.70%

Na 588.995†	4152.8	1.154 mg/L	0.0244	1.154 mg/L	0.0244	2.12%
Na 589.592†	4453.7	1.182 mg/L	0.0106	1.182 mg/L	0.0106	0.90%
Ni 221.648†	32.2	0.9587 mg/L	0.02273	0.9587 mg/L	0.02273	2.37%

QC value within limits for Ni 221.648 Recovery = 95.87%

Ni 231.604†	11568.6	1.022 mg/L	0.0103	1.022 mg/L	0.0103	1.01%

QC value within limits for Ni 231.604 Recovery = 102.18%

Ni 232.003†	65.4	0.9871 mg/L	0.00567	0.9871 mg/L	0.00567	0.57%

QC value within limits for Ni 232.003 Recovery = 98.71%

Pb 217.000†	20.3	2.070 mg/L	0.0823	2.070 mg/L	0.0823	3.98%

QC value within limits for Pb 217.000 Recovery = 103.49%

Pb 220.353†	4824.8	2.045 mg/L	0.0125	2.045 mg/L	0.0125	0.61%

QC value within limits for Pb 220.353 Recovery = 102.27%

Sb 206.836†	3029.7	1.871 mg/L	0.0219	1.871 mg/L	0.0219	1.17%

QC value within limits for Sb 206.836 Recovery = 93.57%

Sb 217.582†	12.2	1.809 mg/L	0.1540	1.809 mg/L	0.1540	8.51%

QC value within limits for Sb 217.582 Recovery = 90.45%

Se 196.026†	944.5	1.074 mg/L	0.0054	1.074 mg/L	0.0054	0.50%

QC value within limits for Se 196.026 Recovery = 107.42%

Se 203.985†	477.2	1.106 mg/L	0.0068	1.106 mg/L	0.0068	0.62%

QC value greater than the upper limit for Se 203.985 Recovery = 110.65%

Sn 189.927†	4809.9	4.479 mg/L	0.0503	4.479 mg/L	0.0503	1.12%

```
   QC value less than the lower limit for Sn 189.927  Recovery = 89.57%
Sn 235.485†            124.1      4.498 mg/L      0.0499      4.498 mg/L      0.0499   1.11%
   QC value less than the lower limit for Sn 235.485  Recovery = 89.95%
Sr 407.771†          98720.0      0.9806 mg/L     0.00180     0.9806 mg/L     0.00180   0.18%
   QC value within limits for Sr 407.771  Recovery = 98.06%
Sr 421.552†         159334.8      0.9906 mg/L     0.00075     0.9906 mg/L     0.00075   0.08%
   QC value within limits for Sr 421.552  Recovery = 99.06%
Sr 460.733†           6912.3      0.9596 mg/L     0.01149     0.9596 mg/L     0.01149   1.20%
   QC value within limits for Sr 460.733  Recovery = 95.96%
Ti 334.940†           7501.1      0.8940 mg/L     0.00250     0.8940 mg/L     0.00250   0.28%
   QC value less than the lower limit for Ti 334.940  Recovery = 89.40%
Ti 336.121†           6348.6      0.8905 mg/L     0.00195     0.8905 mg/L     0.00195   0.22%
   QC value less than the lower limit for Ti 336.121  Recovery = 89.05%
Ti 337.279†           2458.5      0.8870 mg/L     0.00782     0.8870 mg/L     0.00782   0.88%
   QC value less than the lower limit for Ti 337.279  Recovery = 88.70%
Tl 190.801†           3381.8      5.166 mg/L      0.0752      5.166 mg/L      0.0752    1.46%
   QC value within limits for Tl 190.801  Recovery = 103.31%
Tl 276.787†          16041.8      4.882 mg/L      0.0409      4.882 mg/L      0.0409    0.84%
   QC value within limits for Tl 276.787  Recovery = 97.63%
Tl 351.924†              0.0      0.00000 mg/L    0.000000    0.00000 mg/L    0.000000  0.00%
   QC value less than the lower limit for Tl 351.924  Recovery = 0.00%
V 290.880†             943.1      0.9778 mg/L     0.00974     0.9778 mg/L     0.00974   1.00%
   QC value within limits for V 290.880  Recovery = 97.78%
V 309.310†            1628.4      0.9737 mg/L     0.00751     0.9737 mg/L     0.00751   0.77%
   QC value within limits for V 309.310  Recovery = 97.37%
V 310.230†          121616.6      1.005 mg/L      0.0174      1.005 mg/L      0.0174    1.73%
   QC value within limits for V 310.230  Recovery = 100.52%
Zn 202.548†           205.0      0.9709 mg/L     0.02066     0.9709 mg/L     0.02066   2.13%
   QC value within limits for Zn 202.548  Recovery = 97.09%
Zn 206.200†            79.7      0.9679 mg/L     0.00655     0.9679 mg/L     0.00655   0.68%
   QC value within limits for Zn 206.200  Recovery = 96.79%
Zn 213.857†           385.9      0.9619 mg/L     0.02008     0.9619 mg/L     0.02008   2.09%
   QC value within limits for Zn 213.857  Recovery = 96.19%
QC Failed.  Continue with analysis.
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Sequence No.: 13
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 10:03:03 AM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123320.4						950.61	0.77%
Y 360.073	2897444.8						23709.82	0.82%
Ag 328.068†	7796.3	0.04856	mg/L	0.000814	0.04856	mg/L	0.000814	1.68%
QC value within limits for Ag 328.068 Recovery = 97.11%								
Ag 338.289†	4140.7	0.04852	mg/L	0.001333	0.04852	mg/L	0.001333	2.75%
QC value within limits for Ag 338.289 Recovery = 97.03%								
Al 308.215†	7.3	0.03354	mg/L	0.006321	0.03354	mg/L	0.006321	18.85%
Al 394.401†	6.8	0.01456	mg/L	0.004684	0.01456	mg/L	0.004684	32.18%
Al 396.153†	21.4	0.01060	mg/L	0.003968	0.01060	mg/L	0.003968	37.44%
As 188.979†	0.2	0.08975	mg/L	0.162010	0.08975	mg/L	0.162010	180.50%
As 193.696†	0.0	0.00006	mg/L	0.001285	0.00006	mg/L	0.001285	>999.9%
As 197.197†	0.0	0.02454	mg/L	0.455516	0.02454	mg/L	0.455516	>999.9%
B 208.889†	1.0	0.03954	mg/L	0.016176	0.03954	mg/L	0.016176	40.92%
B 249.677†	5.6	0.02287	mg/L	0.002857	0.02287	mg/L	0.002857	12.49%
B 249.772†	10.8	0.02065	mg/L	0.007763	0.02065	mg/L	0.007763	37.60%
Ba 233.527†	0.4	0.00069	mg/L	0.000752	0.00069	mg/L	0.000752	108.82%
Ba 455.403†	15.7	0.00026	mg/L	0.000043	0.00026	mg/L	0.000043	16.48%
Ba 493.408†	70.8	0.00070	mg/L	0.000085	0.00070	mg/L	0.000085	12.19%
Be 234.861†	-1.6	-0.00001	mg/L	0.000024	-0.00001	mg/L	0.000024	394.87%
Be 313.042†	11.9	0.00051	mg/L	0.000070	0.00051	mg/L	0.000070	13.77%
Be 313.107†	11.9	0.00051	mg/L	0.000070	0.00051	mg/L	0.000070	13.77%
Ca 315.887†	37.5	0.03686	mg/L	0.004333	0.03686	mg/L	0.004333	11.75%
Ca 317.933†	35.4	0.03692	mg/L	0.003969	0.03692	mg/L	0.003969	10.75%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%

Cd 226.502†	3.1	0.00012 mg/L	0.000052	0.00012 mg/L	0.000052	44.68%
Cd 228.802†	0.6	0.00093 mg/L	0.000608	0.00093 mg/L	0.000608	65.06%
Ce 413.380†	-1.1	-0.00109 mg/L	0.002410	-0.00109 mg/L	0.002410	220.36%
Ce 413.764†	-4.2	-0.00421 mg/L	0.003102	-0.00421 mg/L	0.003102	73.66%
Ce 418.660†	15.7	0.00766 mg/L	0.008109	0.00766 mg/L	0.008109	105.85%
Co 228.616†	-3.1	-0.00010 mg/L	0.000258	-0.00010 mg/L	0.000258	264.11%
Co 230.786†	-0.0	-0.00031 mg/L	0.006055	-0.00031 mg/L	0.006055	>999.9%
Co 238.892†	0.7	0.00306 mg/L	0.001578	0.00306 mg/L	0.001578	51.49%
Cr 205.560†	0.1	0.00530 mg/L	0.009749	0.00530 mg/L	0.009749	184.07%
Cr 267.716†	7.0	0.00030 mg/L	0.000060	0.00030 mg/L	0.000060	19.94%
Cr 283.563†	0.1	0.00011 mg/L	0.001625	0.00011 mg/L	0.001625	>999.9%
Cu 224.700†	2.2	0.02480 mg/L	0.004479	0.02480 mg/L	0.004479	18.06%
Cu 324.752†	0.9	0.00024 mg/L	0.000570	0.00024 mg/L	0.000570	237.64%
Cu 327.393†	22.2	0.00043 mg/L	0.000173	0.00043 mg/L	0.000173	39.83%
Fe 238.204†	3.0	0.00468 mg/L	0.001026	0.00468 mg/L	0.001026	21.93%
Fe 239.562†	1.7	0.00376 mg/L	0.001045	0.00376 mg/L	0.001045	27.80%
Fe 259.939†	4.3	0.00348 mg/L	0.000868	0.00348 mg/L	0.000868	24.91%
Fe 273.955†	0.7	0.00344 mg/L	0.004105	0.00344 mg/L	0.004105	119.38%
K 766.490†	107.6	0.2434 mg/L	0.03123	0.2434 mg/L	0.03123	12.83%
Li 610.362†	-1.0	-0.00021 mg/L	0.001098	-0.00021 mg/L	0.001098	515.11%
Li 670.784†	191.5	0.00489 mg/L	0.001440	0.00489 mg/L	0.001440	29.41%
Mg 279.077†	3.2	0.01622 mg/L	0.003148	0.01622 mg/L	0.003148	19.40%
Mg 280.271†	273.3	0.00866 mg/L	0.000511	0.00866 mg/L	0.000511	5.90%
Mg 285.213†	8.8	0.00943 mg/L	0.000600	0.00943 mg/L	0.000600	6.36%
Mn 257.610†	-0.0	-0.00001 mg/L	0.000166	-0.00001 mg/L	0.000166	>999.9%
Mn 259.372†	7.1	0.00061 mg/L	0.000386	0.00061 mg/L	0.000386	62.81%
Mn 260.568†	1.7	0.00043 mg/L	0.000486	0.00043 mg/L	0.000486	112.15%
Mo 202.031†	2.2	0.07178 mg/L	0.032460	0.07178 mg/L	0.032460	45.22%
Mo 203.845†	0.0	0.00303 mg/L	0.099923	0.00303 mg/L	0.099923	>999.9%
Mo 204.597†	16.4	0.00264 mg/L	0.000196	0.00264 mg/L	0.000196	7.44%
Na 588.995†	436.9	0.1214 mg/L	0.00976	0.1214 mg/L	0.00976	8.04%
Na 589.592†	369.8	0.09816 mg/L	0.004508	0.09816 mg/L	0.004508	4.59%
Ni 221.648†	0.0	0.00052 mg/L	0.011863	0.00052 mg/L	0.011863	>999.9%
Ni 231.604†	6.5	0.00058 mg/L	0.000342	0.00058 mg/L	0.000342	59.41%
Ni 232.003†	0.6	0.00855 mg/L	0.011474	0.00855 mg/L	0.011474	134.26%
Pb 217.000†	0.0	0.00076 mg/L	0.041240	0.00076 mg/L	0.041240	>999.9%
Pb 220.353†	10.6	0.00450 mg/L	0.002405	0.00450 mg/L	0.002405	53.49%
Sb 206.836†	3.3	0.00204 mg/L	0.002693	0.00204 mg/L	0.002693	131.84%
Sb 217.582†	-0.1	-0.00951 mg/L	0.017653	-0.00951 mg/L	0.017653	185.57%
Se 196.026†	2.1	0.00242 mg/L	0.001418	0.00242 mg/L	0.001418	58.71%
Se 203.985†	1.1	0.00245 mg/L	0.007338	0.00245 mg/L	0.007338	299.60%
Sn 189.927†	3.2	0.00300 mg/L	0.001211	0.00300 mg/L	0.001211	40.33%
Sn 235.485†	-3.0	-0.1089 mg/L	0.05244	-0.1089 mg/L	0.05244	48.14%
Sr 407.771†	37.1	0.00037 mg/L	0.000049	0.00037 mg/L	0.000049	13.17%
Sr 421.552†	23.3	0.00014 mg/L	0.000051	0.00014 mg/L	0.000051	35.19%
Sr 460.733†	-50.1	-0.00696 mg/L	0.004238	-0.00696 mg/L	0.004238	60.92%
Ti 334.940†	4.6	0.00054 mg/L	0.000131	0.00054 mg/L	0.000131	24.18%
Ti 336.121†	-5.0	-0.00069 mg/L	0.000149	-0.00069 mg/L	0.000149	21.44%
Ti 337.279†	-4.4	-0.00160 mg/L	0.000348	-0.00160 mg/L	0.000348	21.76%
Tl 190.801†	2.8	0.00435 mg/L	0.003270	0.00435 mg/L	0.003270	75.16%
Tl 276.787†	12.5	0.00379 mg/L	0.003417	0.00379 mg/L	0.003417	90.15%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-4.5	-0.00471 mg/L	0.001200	-0.00471 mg/L	0.001200	25.51%
V 309.310†	1.8	0.00108 mg/L	0.000554	0.00108 mg/L	0.000554	51.45%
V 310.230†	215.8	0.00178 mg/L	0.000265	0.00178 mg/L	0.000265	14.85%
Zn 202.548†	3.1	0.01452 mg/L	0.004452	0.01452 mg/L	0.004452	30.67%
Zn 206.200†	1.0	0.01185 mg/L	0.002270	0.01185 mg/L	0.002270	19.15%
Zn 213.857†	2.8	0.00697 mg/L	0.000419	0.00697 mg/L	0.000419	6.01%

All analytes passed QC.

Sequence No.: 14
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 10:07:31 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Y 371.029	120699.0						1899.28	1.57%
Y 360.073	2807737.6						20459.08	0.73%
Ag 328.068†	-87.0	-0.00054	mg/L	0.000346	-0.00054	mg/L	0.000346	63.86%
Ag 338.289†	114.6	0.00134	mg/L	0.000017	0.00134	mg/L	0.000017	1.24%
Al 308.215†	21479.9	98.40	mg/L	3.115	98.40	mg/L	3.115	3.17%
QC value within limits for Al 308.215 Recovery = 98.40%								
Al 394.401†	46168.0	98.15	mg/L	3.179	98.15	mg/L	3.179	3.24%
Al 396.153†	159900.5	96.95	mg/L	0.684	96.95	mg/L	0.684	0.71%
As 188.979†	0.0	0.00746	mg/L	0.892545	0.00746	mg/L	0.892545	>999.9%
As 193.696†	1.4	0.00198	mg/L	0.002754	0.00198	mg/L	0.002754	138.87%
As 197.197†	-0.4	-0.2272	mg/L	0.22141	-0.2272	mg/L	0.22141	97.46%
B 208.889†	2.2	0.08907	mg/L	0.092082	0.08907	mg/L	0.092082	103.39%
B 249.677†	1.7	0.00674	mg/L	0.004241	0.00674	mg/L	0.004241	62.91%
B 249.772†	84.4	0.1620	mg/L	0.00438	0.1620	mg/L	0.00438	2.71%
Ba 233.527†	0.6	0.00099	mg/L	0.001554	0.00099	mg/L	0.001554	157.22%
Ba 455.403†	19.6	0.00033	mg/L	0.000063	0.00033	mg/L	0.000063	19.37%
Ba 493.408†	111.0	0.00110	mg/L	0.000425	0.00110	mg/L	0.000425	38.77%
Be 234.861†	-173930.7	-0.6375	mg/L	0.00165	-0.6375	mg/L	0.00165	0.26%
Be 313.042†	14.8	0.00063	mg/L	0.000089	0.00063	mg/L	0.000089	14.10%
Be 313.107†	14.8	0.00063	mg/L	0.000089	0.00063	mg/L	0.000089	14.10%
Ca 315.887†	106645.1	104.7	mg/L	3.10	104.7	mg/L	3.10	2.96%
QC value within limits for Ca 315.887 Recovery = 104.72%								
Ca 317.933†	90320.5	94.21	mg/L	0.712	94.21	mg/L	0.712	0.76%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	73.3	0.00275	mg/L	0.000074	0.00275	mg/L	0.000074	2.70%
Cd 228.802†	0.6	0.00100	mg/L	0.001252	0.00100	mg/L	0.001252	124.68%
Ce 413.380†	19.9	0.01994	mg/L	0.004032	0.01994	mg/L	0.004032	20.22%
Ce 413.764†	-4.3	-0.00425	mg/L	0.007685	-0.00425	mg/L	0.007685	180.71%
Ce 418.660†	46.5	0.02272	mg/L	0.003327	0.02272	mg/L	0.003327	14.65%
Co 228.616†	-49.7	-0.00156	mg/L	0.000260	-0.00156	mg/L	0.000260	16.67%
Co 230.786†	-0.6	-0.00379	mg/L	0.001673	-0.00379	mg/L	0.001673	44.11%
Co 238.892†	-20.0	-0.09174	mg/L	0.004271	-0.09174	mg/L	0.004271	4.66%
Cr 205.560†	-0.9	-0.04158	mg/L	0.035405	-0.04158	mg/L	0.035405	85.16%
Cr 267.716†	-31.6	-0.00137	mg/L	0.000264	-0.00137	mg/L	0.000264	19.22%
Cr 283.563†	26.8	0.03213	mg/L	0.000800	0.03213	mg/L	0.000800	2.49%
Cu 224.700†	2.7	0.03029	mg/L	0.011116	0.03029	mg/L	0.011116	36.70%
Cu 324.752†	4.1	0.00106	mg/L	0.000469	0.00106	mg/L	0.000469	44.17%
Cu 327.393†	101.9	0.00199	mg/L	0.001223	0.00199	mg/L	0.001223	61.54%
Fe 238.204†	59329.6	93.37	mg/L	0.719	93.37	mg/L	0.719	0.77%
Fe 239.562†	41616.0	94.51	mg/L	2.858	94.51	mg/L	2.858	3.02%
Fe 259.939†	116325.1	94.23	mg/L	0.682	94.23	mg/L	0.682	0.72%
Fe 273.955†	22092.1	105.5	mg/L	3.19	105.5	mg/L	3.19	3.02%
QC value within limits for Fe 273.955 Recovery = 105.54%								
K 766.490†	46007.5	104.1	mg/L	3.46	104.1	mg/L	3.46	3.33%
QC value within limits for K 766.490 Recovery = 104.06%								
Li 610.362†	-256.5	-0.05447	mg/L	0.015701	-0.05447	mg/L	0.015701	28.82%
Li 670.784†	421.4	0.01077	mg/L	0.000385	0.01077	mg/L	0.000385	3.58%
Mg 279.077†	11773.2	60.26	mg/L	1.430	60.26	mg/L	1.430	2.37%
QC value within limits for Mg 279.077 Recovery = 100.43%								
Mg 280.271†	1751774.0	55.51	mg/L	0.362	55.51	mg/L	0.362	0.65%
Mg 285.213†	51634.9	55.61	mg/L	0.352	55.61	mg/L	0.352	0.63%
Mn 257.610†	19.2	0.00338	mg/L	0.000052	0.00338	mg/L	0.000052	1.54%
Mn 259.372†	806.7	0.00017	mg/L	0.001736	0.00017	mg/L	0.001736	>999.9%
Mn 260.568†	4.7	0.00120	mg/L	0.000478	0.00120	mg/L	0.000478	39.98%
Mo 202.031†	-1.8	-0.05870	mg/L	0.042090	-0.05870	mg/L	0.042090	71.70%
Mo 203.845†	0.1	0.00750	mg/L	0.015514	0.00750	mg/L	0.015514	206.76%
Mo 204.597†	17.0	0.00274	mg/L	0.000189	0.00274	mg/L	0.000189	6.88%
Na 588.995†	339953.6	94.45	mg/L	0.536	94.45	mg/L	0.536	0.57%
Na 589.592†	378334.8	100.4	mg/L	0.61	100.4	mg/L	0.61	0.60%
QC value within limits for Na 589.592 Recovery = 100.43%								
Ni 221.648†	0.4	0.01111	mg/L	0.008124	0.01111	mg/L	0.008124	73.11%
Ni 231.604†	24.4	0.00216	mg/L	0.000749	0.00216	mg/L	0.000749	34.71%
Ni 232.003†	0.6	0.00867	mg/L	0.011251	0.00867	mg/L	0.011251	129.70%
Pb 217.000†	1.1	0.1137	mg/L	0.06601	0.1137	mg/L	0.06601	58.04%
Pb 220.353†	7.1	0.00302	mg/L	0.002239	0.00302	mg/L	0.002239	74.12%
Sb 206.836†	-1.9	-0.00118	mg/L	0.001865	-0.00118	mg/L	0.001865	158.39%
Sb 217.582†	0.2	0.02972	mg/L	0.077206	0.02972	mg/L	0.077206	259.79%
Se 196.026†	-25.2	-0.02864	mg/L	0.007765	-0.02864	mg/L	0.007765	27.11%
Se 203.985†	10.8	0.02515	mg/L	0.009726	0.02515	mg/L	0.009726	38.68%

Sn 189.927†	-5.8	-0.00538	mg/L	0.002710	-0.00538	mg/L	0.002710	50.37%
Sn 235.485†	358.7	13.00	mg/L	0.071	13.00	mg/L	0.071	0.55%
Sr 407.771†	277.9	0.00276	mg/L	0.000028	0.00276	mg/L	0.000028	1.00%
Sr 421.552†	488.4	0.00304	mg/L	0.000198	0.00304	mg/L	0.000198	6.52%
Sr 460.733†	-31.2	-0.00433	mg/L	0.007741	-0.00433	mg/L	0.007741	178.84%
Ti 334.940†	8.0	0.00095	mg/L	0.000214	0.00095	mg/L	0.000214	22.56%
Ti 336.121†	2.0	0.00028	mg/L	0.000486	0.00028	mg/L	0.000486	171.52%
Ti 337.279†	-0.2	-0.00006	mg/L	0.000397	-0.00006	mg/L	0.000397	704.39%
Tl 190.801†	4.3	0.00658	mg/L	0.000872	0.00658	mg/L	0.000872	13.26%
Tl 276.787†	8272.9	2.518	mg/L	0.0030	2.518	mg/L	0.0030	0.12%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	0.8	0.00081	mg/L	0.002852	0.00081	mg/L	0.002852	352.44%
V 309.310†	7.1	0.00422	mg/L	0.007492	0.00422	mg/L	0.007492	177.45%
V 310.230†	661.1	0.00546	mg/L	0.000685	0.00546	mg/L	0.000685	12.54%
Zn 202.548†	4.8	0.01871	mg/L	0.009167	0.01871	mg/L	0.009167	48.99%
Zn 206.200†	-1.6	-0.01953	mg/L	0.005091	-0.01953	mg/L	0.005091	26.07%
Zn 213.857†	17.6	0.03477	mg/L	0.001235	0.03477	mg/L	0.001235	3.55%

All analytes passed QC.

Sequence No.: 15
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 8/30/01 10:12:10 AM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124890.5						1580.61	1.27%
Y 360.073	2913421.4						35435.72	1.22%
Ag 328.068†	67.2	0.00042	mg/L	0.000192	0.00042	mg/L	0.000192	45.99%
Ag 338.289†	-9.6	-0.00011	mg/L	0.000438	-0.00011	mg/L	0.000438	391.00%
Al 308.215†	7.5	0.03447	mg/L	0.003817	0.03447	mg/L	0.003817	11.07%
Al 394.401†	7.5	0.01594	mg/L	0.000570	0.01594	mg/L	0.000570	3.58%
Al 396.153†	13.8	0.00761	mg/L	0.000954	0.00761	mg/L	0.000954	12.52%
As 188.979†	0.7	0.2813	mg/L	0.15494	0.2813	mg/L	0.15494	55.09%
As 193.696†	2.0	0.00275	mg/L	0.002573	0.00275	mg/L	0.002573	93.43%
As 197.197†	-0.3	-0.1716	mg/L	0.11880	-0.1716	mg/L	0.11880	69.22%
B 208.889†	1.2	0.04800	mg/L	0.072996	0.04800	mg/L	0.072996	152.07%
B 249.677†	-2.5	-0.01016	mg/L	0.011223	-0.01016	mg/L	0.011223	110.48%
B 249.772†	-0.1	-0.00018	mg/L	0.001638	-0.00018	mg/L	0.001638	914.74%
Ba 233.527†	0.3	0.00047	mg/L	0.000105	0.00047	mg/L	0.000105	22.38%
Ba 455.403†	-17.3	-0.00029	mg/L	0.000122	-0.00029	mg/L	0.000122	42.42%
Ba 493.408†	22.1	0.00022	mg/L	0.000193	0.00022	mg/L	0.000193	88.43%
Be 234.861†	-24.3	-0.00009	mg/L	0.000016	-0.00009	mg/L	0.000016	17.46%
Be 313.042†	8.1	0.00035	mg/L	0.000019	0.00035	mg/L	0.000019	5.46%
Be 313.107†	8.1	0.00035	mg/L	0.000019	0.00035	mg/L	0.000019	5.46%
Ca 315.887†	12.0	0.01174	mg/L	0.004725	0.01174	mg/L	0.004725	40.24%
Ca 317.933†	10.8	0.01131	mg/L	0.003228	0.01131	mg/L	0.003228	28.56%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	1.0	0.00004	mg/L	0.000112	0.00004	mg/L	0.000112	308.86%
Cd 228.802†	-0.0	-0.00007	mg/L	0.001503	-0.00007	mg/L	0.001503	>999.9%
Ce 413.380†	5.6	0.00556	mg/L	0.010439	0.00556	mg/L	0.010439	187.69%
Ce 413.764†	0.0	0.00002	mg/L	0.005839	0.00002	mg/L	0.005839	>999.9%
Ce 418.660†	12.3	0.00603	mg/L	0.006593	0.00603	mg/L	0.006593	109.33%
Co 228.616†	-24.7	-0.00078	mg/L	0.000185	-0.00078	mg/L	0.000185	23.78%
Co 230.786†	-0.5	-0.00329	mg/L	0.003464	-0.00329	mg/L	0.003464	105.26%
Co 238.892†	-0.2	-0.00106	mg/L	0.001054	-0.00106	mg/L	0.001054	99.02%
Cr 205.560†	-0.2	-0.00690	mg/L	0.015826	-0.00690	mg/L	0.015826	229.25%
Cr 267.716†	0.6	0.00003	mg/L	0.000132	0.00003	mg/L	0.000132	523.26%
Cr 283.563†	-0.3	-0.00038	mg/L	0.001892	-0.00038	mg/L	0.001892	493.34%
Cu 224.700†	1.2	0.01341	mg/L	0.006961	0.01341	mg/L	0.006961	51.90%
Cu 324.752†	-11.9	-0.00312	mg/L	0.000846	-0.00312	mg/L	0.000846	27.13%
Cu 327.393†	-139.4	-0.00272	mg/L	0.000285	-0.00272	mg/L	0.000285	10.49%
Fe 238.204†	7.6	0.01192	mg/L	0.004236	0.01192	mg/L	0.004236	35.54%
Fe 239.562†	7.1	0.01613	mg/L	0.002741	0.01613	mg/L	0.002741	16.99%
Fe 259.939†	15.3	0.01240	mg/L	0.003642	0.01240	mg/L	0.003642	29.38%
Fe 273.955†	3.8	0.01809	mg/L	0.005230	0.01809	mg/L	0.005230	28.92%

K 766.490†	71.0	0.1607	mg/L	0.02548	0.1607	mg/L	0.02548	15.86%
Li 610.362†	105.8	0.02246	mg/L	0.016402	0.02246	mg/L	0.016402	73.02%
Li 670.784†	-178.9	-0.00457	mg/L	0.000794	-0.00457	mg/L	0.000794	17.36%
Mg 279.077†	0.7	0.00354	mg/L	0.011784	0.00354	mg/L	0.011784	333.17%
Mg 280.271†	327.9	0.01039	mg/L	0.001402	0.01039	mg/L	0.001402	13.50%
Mg 285.213†	10.5	0.01127	mg/L	0.002023	0.01127	mg/L	0.002023	17.94%
Mn 257.610†	-1.9	-0.00034	mg/L	0.000180	-0.00034	mg/L	0.000180	52.58%
Mn 259.372†	4.0	0.00041	mg/L	0.000073	0.00041	mg/L	0.000073	17.57%
Mn 260.568†	1.8	0.00046	mg/L	0.000459	0.00046	mg/L	0.000459	100.41%
Mo 202.031†	0.7	0.02295	mg/L	0.012645	0.02295	mg/L	0.012645	55.11%
Mo 203.845†	0.7	0.04621	mg/L	0.124201	0.04621	mg/L	0.124201	268.77%
Mo 204.597†	3.0	0.00048	mg/L	0.000170	0.00048	mg/L	0.000170	35.60%
Na 588.995†	433.9	0.1206	mg/L	0.02444	0.1206	mg/L	0.02444	20.27%
Na 589.592†	340.4	0.09037	mg/L	0.025877	0.09037	mg/L	0.025877	28.63%
Ni 221.648†	0.3	0.01000	mg/L	0.011782	0.01000	mg/L	0.011782	117.88%
Ni 231.604†	8.9	0.00079	mg/L	0.000325	0.00079	mg/L	0.000325	41.21%
Ni 232.003†	0.2	0.00337	mg/L	0.008927	0.00337	mg/L	0.008927	264.86%
Pb 217.000†	-0.4	-0.03778	mg/L	0.027658	-0.03778	mg/L	0.027658	73.22%
Pb 220.353†	-2.6	-0.00109	mg/L	0.002145	-0.00109	mg/L	0.002145	197.28%
Sb 206.836†	0.9	0.00056	mg/L	0.001565	0.00056	mg/L	0.001565	277.23%
Sb 217.582†	-0.1	-0.01348	mg/L	0.059292	-0.01348	mg/L	0.059292	439.93%
Se 196.026†	1.2	0.00132	mg/L	0.002545	0.00132	mg/L	0.002545	193.24%
Se 203.985†	2.9	0.00671	mg/L	0.005945	0.00671	mg/L	0.005945	88.65%
Sn 189.927†	0.9	0.00088	mg/L	0.001532	0.00088	mg/L	0.001532	173.90%
Sn 235.485†	-1.2	-0.04307	mg/L	0.035398	-0.04307	mg/L	0.035398	82.19%
Sr 407.771†	-5.5	-0.00005	mg/L	0.000021	-0.00005	mg/L	0.000021	38.32%
Sr 421.552†	-44.1	-0.00027	mg/L	0.000041	-0.00027	mg/L	0.000041	14.89%
Sr 460.733†	-137.2	-0.01905	mg/L	0.008420	-0.01905	mg/L	0.008420	44.20%
Ti 334.940†	-0.2	-0.00003	mg/L	0.000227	-0.00003	mg/L	0.000227	806.37%
Ti 336.121†	-4.0	-0.00056	mg/L	0.000174	-0.00056	mg/L	0.000174	31.01%
Ti 337.279†	-4.2	-0.00152	mg/L	0.000288	-0.00152	mg/L	0.000288	18.95%
Tl 190.801†	0.8	0.00123	mg/L	0.000871	0.00123	mg/L	0.000871	70.73%
Tl 276.787†	0.9	0.00028	mg/L	0.002248	0.00028	mg/L	0.002248	794.84%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-3.5	-0.00362	mg/L	0.001121	-0.00362	mg/L	0.001121	30.98%
V 309.310†	1.9	0.00112	mg/L	0.001211	0.00112	mg/L	0.001211	108.20%
V 310.230†	84.0	0.00069	mg/L	0.000594	0.00069	mg/L	0.000594	85.48%
Zn 202.548†	0.9	0.00428	mg/L	0.004898	0.00428	mg/L	0.004898	114.39%
Zn 206.200†	0.4	0.00482	mg/L	0.005195	0.00482	mg/L	0.005195	107.89%
Zn 213.857†	-2.0	-0.00508	mg/L	0.002269	-0.00508	mg/L	0.002269	44.62%

Sequence No.: 16
Sample ID: RLC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/30/01 10:16:43 AM
Sample Prep Volume:
Data Type: Original

Mean Data: RLC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123518.3						1724.25	1.40%
Y 360.073	2892938.6						51644.91	1.79%
Ag 328.068†	301.8	0.00188	mg/L	0.000196	0.00188	mg/L	0.000196	10.42%
Ag 338.289†	192.3	0.00225	mg/L	0.000705	0.00225	mg/L	0.000705	31.28%
Al 308.215†	19.8	0.09057	mg/L	0.003717	0.09057	mg/L	0.003717	4.10%
Al 394.401†	37.8	0.08046	mg/L	0.007044	0.08046	mg/L	0.007044	8.75%
Al 396.153†	107.8	0.06404	mg/L	0.003543	0.06404	mg/L	0.003543	5.53%
As 188.979†	-0.5	-0.1741	mg/L	0.36455	-0.1741	mg/L	0.36455	209.37%
As 193.696†	12.5	0.01739	mg/L	0.002696	0.01739	mg/L	0.002696	15.50%
As 197.197†	0.0	0.01989	mg/L	0.226740	0.01989	mg/L	0.226740	>999.9%
B 208.889†	1.4	0.05545	mg/L	0.098625	0.05545	mg/L	0.098625	177.87%
B 249.677†	9.6	0.03900	mg/L	0.013959	0.03900	mg/L	0.013959	35.79%
B 249.772†	23.3	0.04467	mg/L	0.004109	0.04467	mg/L	0.004109	9.20%
Ba 233.527†	1.0	0.00169	mg/L	0.000765	0.00169	mg/L	0.000765	45.20%
Ba 455.403†	124.6	0.00208	mg/L	0.000104	0.00208	mg/L	0.000104	4.98%
Ba 493.408†	221.7	0.00219	mg/L	0.000138	0.00219	mg/L	0.000138	6.33%
Be 234.861†	244.6	0.00090	mg/L	0.000023	0.00090	mg/L	0.000023	2.53%
Be 313.042†	30.0	0.00128	mg/L	0.000087	0.00128	mg/L	0.000087	6.76%

Be 313.107†	30.0	0.00128 mg/L	0.000087	0.00128 mg/L	0.000087	6.76%
Ca 315.887†	107.1	0.1052 mg/L	0.00220	0.1052 mg/L	0.00220	2.09%
Ca 317.933†	95.5	0.09957 mg/L	0.005790	0.09957 mg/L	0.005790	5.82%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	25.8	0.00097 mg/L	0.000144	0.00097 mg/L	0.000144	14.90%
Cd 228.802†	0.1	0.00011 mg/L	0.000490	0.00011 mg/L	0.000490	436.05%
Ce 413.380†	37.6	0.03768 mg/L	0.004448	0.03768 mg/L	0.004448	11.80%
Ce 413.764†	28.8	0.02866 mg/L	0.009435	0.02866 mg/L	0.009435	32.92%
Ce 418.660†	100.5	0.04914 mg/L	0.001253	0.04914 mg/L	0.001253	2.55%
Co 228.616†	48.0	0.00151 mg/L	0.000071	0.00151 mg/L	0.000071	4.69%
Co 230.786†	-0.4	-0.00280 mg/L	0.004066	-0.00280 mg/L	0.004066	145.06%
Co 238.892†	-0.4	-0.00163 mg/L	0.003711	-0.00163 mg/L	0.003711	228.04%
Cr 205.560†	-0.1	-0.00321 mg/L	0.019149	-0.00321 mg/L	0.019149	596.84%
Cr 267.716†	72.9	0.00317 mg/L	0.000115	0.00317 mg/L	0.000115	3.64%
Cr 283.563†	3.1	0.00372 mg/L	0.002167	0.00372 mg/L	0.002167	58.24%
Cu 224.700†	0.8	0.00934 mg/L	0.010491	0.00934 mg/L	0.010491	112.33%
Cu 324.752†	9.8	0.00257 mg/L	0.000294	0.00257 mg/L	0.000294	11.43%
Cu 327.393†	108.6	0.00212 mg/L	0.000488	0.00212 mg/L	0.000488	23.03%
Fe 238.204†	15.0	0.02356 mg/L	0.002703	0.02356 mg/L	0.002703	11.47%
Fe 239.562†	11.3	0.02555 mg/L	0.002725	0.02555 mg/L	0.002725	10.66%
Fe 259.939†	29.8	0.02410 mg/L	0.001918	0.02410 mg/L	0.001918	7.96%
Fe 273.955†	4.7	0.02229 mg/L	0.003486	0.02229 mg/L	0.003486	15.64%
K 766.490†	457.0	1.034 mg/L	0.0105	1.034 mg/L	0.0105	1.02%
Li 610.362†	180.3	0.03830 mg/L	0.014183	0.03830 mg/L	0.014183	37.03%
Li 670.784†	916.7	0.02343 mg/L	0.001901	0.02343 mg/L	0.001901	8.12%
Mg 279.077†	0.9	0.00486 mg/L	0.017907	0.00486 mg/L	0.017907	368.82%
Mg 280.271†	629.4	0.01994 mg/L	0.000517	0.01994 mg/L	0.000517	2.59%
Mg 285.213†	19.1	0.02060 mg/L	0.001105	0.02060 mg/L	0.001105	5.37%
Mn 257.610†	10.1	0.00179 mg/L	0.000059	0.00179 mg/L	0.000059	3.30%
Mn 259.372†	15.6	0.00177 mg/L	0.000218	0.00177 mg/L	0.000218	12.34%
Mn 260.568†	8.6	0.00220 mg/L	0.000090	0.00220 mg/L	0.000090	4.09%
Mo 202.031†	1.9	0.06480 mg/L	0.035558	0.06480 mg/L	0.035558	54.87%
Mo 203.845†	-0.5	-0.03206 mg/L	0.082415	-0.03206 mg/L	0.082415	257.07%
Mo 204.597†	21.9	0.00353 mg/L	0.000567	0.00353 mg/L	0.000567	16.04%
Na 588.995†	2000.7	0.5558 mg/L	0.02098	0.5558 mg/L	0.02098	3.77%
Na 589.592†	1957.1	0.5195 mg/L	0.01893	0.5195 mg/L	0.01893	3.64%
Ni 221.648†	-0.1	-0.00425 mg/L	0.008948	-0.00425 mg/L	0.008948	210.75%
Ni 231.604†	28.8	0.00254 mg/L	0.000214	0.00254 mg/L	0.000214	8.42%
Ni 232.003†	0.7	0.01066 mg/L	0.014076	0.01066 mg/L	0.014076	132.09%
Pb 217.000†	0.4	0.04152 mg/L	0.045004	0.04152 mg/L	0.045004	108.39%
Pb 220.353†	24.6	0.01044 mg/L	0.000518	0.01044 mg/L	0.000518	4.96%
Sb 206.836†	9.7	0.00600 mg/L	0.001144	0.00600 mg/L	0.001144	19.08%
Sb 217.582†	0.0	0.00143 mg/L	0.058661	0.00143 mg/L	0.058661	>999.9%
Se 196.026†	30.9	0.03509 mg/L	0.003028	0.03509 mg/L	0.003028	8.63%
Se 203.985†	15.3	0.03542 mg/L	0.001334	0.03542 mg/L	0.001334	3.77%
Sn 189.927†	7.3	0.00677 mg/L	0.000637	0.00677 mg/L	0.000637	9.41%
Sn 235.485†	-2.1	-0.07449 mg/L	0.047998	-0.07449 mg/L	0.047998	64.44%
Sr 407.771†	125.0	0.00124 mg/L	0.000023	0.00124 mg/L	0.000023	1.83%
Sr 421.552†	165.7	0.00103 mg/L	0.000119	0.00103 mg/L	0.000119	11.50%
Sr 460.733†	-22.1	-0.00306 mg/L	0.012003	-0.00306 mg/L	0.012003	391.93%
Ti 334.940†	19.2	0.00229 mg/L	0.000068	0.00229 mg/L	0.000068	2.97%
Ti 336.121†	13.6	0.00191 mg/L	0.000329	0.00191 mg/L	0.000329	17.20%
Ti 337.279†	2.7	0.00097 mg/L	0.001023	0.00097 mg/L	0.001023	105.19%
Tl 190.801†	8.4	0.01283 mg/L	0.002699	0.01283 mg/L	0.002699	21.03%
Tl 276.787†	35.9	0.01092 mg/L	0.002351	0.01092 mg/L	0.002351	21.54%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	3.5	0.00363 mg/L	0.001351	0.00363 mg/L	0.001351	37.23%
V 309.310†	12.4	0.00739 mg/L	0.000902	0.00739 mg/L	0.000902	12.21%
V 310.230†	964.9	0.00798 mg/L	0.000378	0.00798 mg/L	0.000378	4.74%
Zn 202.548†	12.0	0.05716 mg/L	0.004807	0.05716 mg/L	0.004807	8.41%
Zn 206.200†	4.1	0.04987 mg/L	0.006112	0.04987 mg/L	0.006112	12.25%
Zn 213.857†	17.9	0.04479 mg/L	0.002138	0.04479 mg/L	0.002138	4.77%

Sequence No.: 17
Sample ID: SIC CoV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 8/30/01 10:21:39 AM

Sample Prep Volume:
Data Type: Original

Mean Data: SIC CoV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123131.4						2064.80	1.68%
Y 360.073	2906407.2						25381.03	0.87%
Ag 328.068†	210.6	0.00131	mg/L	0.000254	0.00131	mg/L	0.000254	19.33%
Ag 338.289†	-10.4	-0.00012	mg/L	0.000615	-0.00012	mg/L	0.000615	502.93%
Al 308.215†	28.1	0.1286	mg/L	0.00272	0.1286	mg/L	0.00272	2.11%
Al 394.401†	72.4	0.1539	mg/L	0.00687	0.1539	mg/L	0.00687	4.47%
Al 396.153†	241.6	0.1464	mg/L	0.01030	0.1464	mg/L	0.01030	7.03%
As 188.979†	1.2	0.4764	mg/L	0.72818	0.4764	mg/L	0.72818	152.85%
As 193.696†	-0.9	-0.00121	mg/L	0.001270	-0.00121	mg/L	0.001270	105.28%
As 197.197†	0.2	0.1282	mg/L	0.18189	0.1282	mg/L	0.18189	141.84%
B 208.889†	1.1	0.04532	mg/L	0.031291	0.04532	mg/L	0.031291	69.04%
B 249.677†	2.6	0.01069	mg/L	0.008256	0.01069	mg/L	0.008256	77.20%
B 249.772†	-0.0	-0.00007	mg/L	0.004043	-0.00007	mg/L	0.004043	>999.9%
Ba 233.527†	-0.1	-0.00009	mg/L	0.001872	-0.00009	mg/L	0.001872	>999.9%
Ba 455.403†	21.1	0.00035	mg/L	0.000095	0.00035	mg/L	0.000095	27.12%
Ba 493.408†	84.2	0.00083	mg/L	0.000571	0.00083	mg/L	0.000571	68.70%
Be 234.861†	-207.4	-0.00076	mg/L	0.000024	-0.00076	mg/L	0.000024	3.15%
Be 313.042†	21.3	0.00091	mg/L	0.000307	0.00091	mg/L	0.000307	33.71%
Be 313.107†	21.3	0.00091	mg/L	0.000307	0.00091	mg/L	0.000307	33.71%
Ca 315.887†	168.9	0.1658	mg/L	0.00506	0.1658	mg/L	0.00506	3.05%
Ca 317.933†	137.3	0.1432	mg/L	0.00741	0.1432	mg/L	0.00741	5.17%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-5.5	-0.00021	mg/L	0.000206	-0.00021	mg/L	0.000206	99.74%
Cd 228.802†	-0.8	-0.00134	mg/L	0.001196	-0.00134	mg/L	0.001196	89.31%
Ce 413.380†	10.5	0.01051	mg/L	0.007251	0.01051	mg/L	0.007251	68.97%
Ce 413.764†	-0.0	-0.00005	mg/L	0.004503	-0.00005	mg/L	0.004503	>999.9%
Ce 418.660†	16.8	0.00823	mg/L	0.003443	0.00823	mg/L	0.003443	41.82%
Co 228.616†	315657.8	9.923	mg/L	0.1201	9.923	mg/L	0.1201	1.21%
Co 230.786†	1384.1	9.493	mg/L	0.1516	9.493	mg/L	0.1516	1.60%
Co 238.892†	2077.2	9.552	mg/L	0.1676	9.552	mg/L	0.1676	1.75%
Cr 205.560†	0.1	0.00435	mg/L	0.008540	0.00435	mg/L	0.008540	196.35%
Cr 267.716†	-23.5	-0.00102	mg/L	0.000146	-0.00102	mg/L	0.000146	14.35%
Cr 283.563†	7.1	0.00853	mg/L	0.003991	0.00853	mg/L	0.003991	46.78%
Cu 224.700†	0.9	0.01021	mg/L	0.005772	0.01021	mg/L	0.005772	56.51%
Cu 324.752†	-9.4	-0.00247	mg/L	0.000891	-0.00247	mg/L	0.000891	36.02%
Cu 327.393†	40.3	0.00079	mg/L	0.000358	0.00079	mg/L	0.000358	45.54%
Fe 238.204†	82.6	0.1300	mg/L	0.00241	0.1300	mg/L	0.00241	1.86%
Fe 239.562†	58.7	0.1333	mg/L	0.00298	0.1333	mg/L	0.00298	2.24%
Fe 259.939†	159.4	0.1291	mg/L	0.00247	0.1291	mg/L	0.00247	1.91%
Fe 273.955†	28.8	0.1377	mg/L	0.00426	0.1377	mg/L	0.00426	3.09%
K 766.490†	97.2	0.2199	mg/L	0.03651	0.2199	mg/L	0.03651	16.60%
Li 610.362†	35.5	0.00753	mg/L	0.011897	0.00753	mg/L	0.011897	157.94%
Li 670.784†	17.8	0.00045	mg/L	0.002332	0.00045	mg/L	0.002332	513.77%
Mg 279.077†	24.3	0.1243	mg/L	0.02471	0.1243	mg/L	0.02471	19.88%
Mg 280.271†	3931.3	0.1246	mg/L	0.00257	0.1246	mg/L	0.00257	2.06%
Mg 285.213†	109.9	0.1183	mg/L	0.00212	0.1183	mg/L	0.00212	1.79%
Mn 257.610†	-0.5	-0.00010	mg/L	0.000179	-0.00010	mg/L	0.000179	187.09%
Mn 259.372†	8.1	0.00094	mg/L	0.000465	0.00094	mg/L	0.000465	49.52%
Mn 260.568†	-0.7	-0.00018	mg/L	0.000850	-0.00018	mg/L	0.000850	480.71%
Mo 202.031†	0.0	0.00167	mg/L	0.055291	0.00167	mg/L	0.055291	>999.9%
Mo 203.845†	-0.4	-0.02559	mg/L	0.057824	-0.02559	mg/L	0.057824	226.00%
Mo 204.597†	2.1	0.00034	mg/L	0.000542	0.00034	mg/L	0.000542	158.16%
Na 588.995†	869.0	0.2414	mg/L	0.02387	0.2414	mg/L	0.02387	9.89%
Na 589.592†	756.0	0.2007	mg/L	0.00681	0.2007	mg/L	0.00681	3.40%
Ni 221.648†	-0.5	-0.01576	mg/L	0.010371	-0.01576	mg/L	0.010371	65.82%
Ni 231.604†	14.2	0.00126	mg/L	0.000342	0.00126	mg/L	0.000342	27.25%
Ni 232.003†	0.3	0.00447	mg/L	0.005646	0.00447	mg/L	0.005646	126.40%
Pb 217.000†	0.7	0.07639	mg/L	0.045013	0.07639	mg/L	0.045013	58.93%
Pb 220.353†	-0.8	-0.00033	mg/L	0.000865	-0.00033	mg/L	0.000865	260.29%
Sb 206.836†	-4.6	-0.00281	mg/L	0.003205	-0.00281	mg/L	0.003205	113.92%
Sb 217.582†	0.3	0.04715	mg/L	0.022345	0.04715	mg/L	0.022345	47.39%
Se 196.026†	1.4	0.00165	mg/L	0.003481	0.00165	mg/L	0.003481	211.30%
Se 203.985†	2.5	0.00570	mg/L	0.005253	0.00570	mg/L	0.005253	92.19%
Sn 189.927†	-0.5	-0.00044	mg/L	0.000489	-0.00044	mg/L	0.000489	110.45%
Sn 235.485†	0.4	0.01480	mg/L	0.023482	0.01480	mg/L	0.023482	158.62%
Sr 407.771†	14.7	0.00015	mg/L	0.000063	0.00015	mg/L	0.000063	43.39%

Sr 421.552†	-8.7	-0.00005 mg/L	0.000100	-0.00005 mg/L	0.000100	184.52%
Sr 460.733†	-108.8	-0.01510 mg/L	0.012852	-0.01510 mg/L	0.012852	85.08%
Ti 334.940†	20.5	0.00245 mg/L	0.000289	0.00245 mg/L	0.000289	11.81%
Ti 336.121†	11.1	0.00156 mg/L	0.000363	0.00156 mg/L	0.000363	23.28%
Ti 337.279†	2.4	0.00087 mg/L	0.000144	0.00087 mg/L	0.000144	16.59%
Tl 190.801†	-5.3	-0.00817 mg/L	0.001000	-0.00817 mg/L	0.001000	12.24%
Tl 276.787†	-91.3	-0.02778 mg/L	0.001775	-0.02778 mg/L	0.001775	6.39%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	9356.7	9.701 mg/L	0.0231	9.701 mg/L	0.0231	0.24%
V 309.310†	16081.3	9.616 mg/L	0.0568	9.616 mg/L	0.0568	0.59%
V 310.230†	1202782.8	9.942 mg/L	0.1067	9.942 mg/L	0.1067	1.07%
Zn 202.548†	3.2	0.01501 mg/L	0.002794	0.01501 mg/L	0.002794	18.61%
Zn 206.200†	0.6	0.00715 mg/L	0.003560	0.00715 mg/L	0.003560	49.83%
Zn 213.857†	1.2	0.00291 mg/L	0.001437	0.00291 mg/L	0.001437	49.38%

Sequence No.: 18
Sample ID: SIC Ce
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/30/01 10:27:18 AM

Sample Prep Volume:
Data Type: Original

Mean Data: SIC Ce

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120933.6						1371.69	1.13%
Y 360.073	2901020.5						50258.24	1.73%
Ag 328.068†	3.5	0.00002	mg/L	0.000218	0.00002	mg/L	0.000218	988.06%
Ag 338.289†	-47.0	-0.00055	mg/L	0.001049	-0.00055	mg/L	0.001049	190.56%
Al 308.215†	5.7	0.02605	mg/L	0.002696	0.02605	mg/L	0.002696	10.35%
Al 394.401†	-32.0	-0.06813	mg/L	0.005345	-0.06813	mg/L	0.005345	7.84%
Al 396.153†	47.7	0.2736	mg/L	0.00470	0.2736	mg/L	0.00470	1.72%
As 188.979†	-0.9	-0.3558	mg/L	0.26954	-0.3558	mg/L	0.26954	75.77%
As 193.696†	1.8	0.00257	mg/L	0.005287	0.00257	mg/L	0.005287	205.80%
As 197.197†	0.0	0.00292	mg/L	0.181807	0.00292	mg/L	0.181807	>999.9%
B 208.889†	1.7	0.06848	mg/L	0.016972	0.06848	mg/L	0.016972	24.78%
B 249.677†	1.7	0.00675	mg/L	0.002656	0.00675	mg/L	0.002656	39.32%
B 249.772†	0.1	0.00022	mg/L	0.004681	0.00022	mg/L	0.004681	>999.9%
Ba 233.527†	-0.0	-0.00006	mg/L	0.000909	-0.00006	mg/L	0.000909	>999.9%
Ba 455.403†	8.3	0.00014	mg/L	0.000253	0.00014	mg/L	0.000253	182.10%
Ba 493.408†	92.4	0.00091	mg/L	0.000124	0.00091	mg/L	0.000124	13.61%
Be 234.861†	-1.6	-0.00001	mg/L	0.000025	-0.00001	mg/L	0.000025	428.72%
Be 313.042†	-1.1	-0.00005	mg/L	0.000083	-0.00005	mg/L	0.000083	175.89%
Be 313.107†	-1.1	-0.00005	mg/L	0.000083	-0.00005	mg/L	0.000083	175.89%
Ca 315.887†	69.8	0.06856	mg/L	0.004920	0.06856	mg/L	0.004920	7.18%
Ca 317.933†	52.8	0.05511	mg/L	0.003112	0.05511	mg/L	0.003112	5.65%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-1.8	-0.00007	mg/L	0.000159	-0.00007	mg/L	0.000159	238.20%
Cd 228.802†	-1.1	-0.00194	mg/L	0.002033	-0.00194	mg/L	0.002033	105.00%
Ce 413.380†	9941.9	9.958	mg/L	0.0265	9.958	mg/L	0.0265	0.27%
Ce 413.764†	9986.2	9.939	mg/L	0.0204	9.939	mg/L	0.0204	0.21%
Ce 418.660†	20530.8	10.04	mg/L	0.068	10.04	mg/L	0.068	0.68%
Co 228.616†	1.9	0.00006	mg/L	0.000352	0.00006	mg/L	0.000352	598.61%
Co 230.786†	-0.4	-0.00307	mg/L	0.003337	-0.00307	mg/L	0.003337	108.61%
Co 238.892†	1.5	0.00706	mg/L	0.003443	0.00706	mg/L	0.003443	48.74%
Cr 205.560†	-0.1	-0.00530	mg/L	0.019488	-0.00530	mg/L	0.019488	367.70%
Cr 267.716†	12.3	0.00054	mg/L	0.000135	0.00054	mg/L	0.000135	25.29%
Cr 283.563†	-2.1	-0.00252	mg/L	0.002282	-0.00252	mg/L	0.002282	90.50%
Cu 224.700†	0.9	0.01009	mg/L	0.007390	0.01009	mg/L	0.007390	73.21%
Cu 324.752†	-5.9	-0.00156	mg/L	0.000396	-0.00156	mg/L	0.000396	25.47%
Cu 327.393†	-89.9	-0.00175	mg/L	0.000195	-0.00175	mg/L	0.000195	11.11%
Fe 238.204†	3.8	0.00590	mg/L	0.001100	0.00590	mg/L	0.001100	18.63%
Fe 239.562†	3.2	0.00726	mg/L	0.002629	0.00726	mg/L	0.002629	36.21%
Fe 259.939†	7.7	0.00621	mg/L	0.001551	0.00621	mg/L	0.001551	24.96%
Fe 273.955†	1.8	0.00883	mg/L	0.004228	0.00883	mg/L	0.004228	47.88%
K 766.490†	48.1	0.1088	mg/L	0.06705	0.1088	mg/L	0.06705	61.60%
Li 610.362†	28.5	0.00605	mg/L	0.011025	0.00605	mg/L	0.011025	182.20%
Li 670.784†	103.3	0.00264	mg/L	0.001724	0.00264	mg/L	0.001724	65.27%
Mg 279.077†	3.0	0.01550	mg/L	0.036199	0.01550	mg/L	0.036199	233.61%

Mg 280.271†	336.9	0.01068	mg/L	0.001504	0.01068	mg/L	0.001504	14.09%
Mg 285.213†	10.8	0.01159	mg/L	0.000489	0.01159	mg/L	0.000489	4.22%
Mn 257.610†	-0.8	-0.00014	mg/L	0.000309	-0.00014	mg/L	0.000309	216.50%
Mn 259.372†	0.7	-0.00015	mg/L	0.000286	-0.00015	mg/L	0.000286	185.57%
Mn 260.568†	0.6	0.00016	mg/L	0.000185	0.00016	mg/L	0.000185	115.42%
Mo 202.031†	1.5	0.04955	mg/L	0.018641	0.04955	mg/L	0.018641	37.62%
Mo 203.845†	-0.2	-0.01193	mg/L	0.120221	-0.01193	mg/L	0.120221	>999.9%
Mo 204.597†	2.7	0.00044	mg/L	0.000517	0.00044	mg/L	0.000517	117.31%
Na 588.995†	443.3	0.1232	mg/L	0.00796	0.1232	mg/L	0.00796	6.46%
Na 589.592†	409.6	0.1087	mg/L	0.01276	0.1087	mg/L	0.01276	11.74%
Ni 221.648†	0.0	0.00117	mg/L	0.011545	0.00117	mg/L	0.011545	983.92%
Ni 231.604†	8.6	0.00076	mg/L	0.000409	0.00076	mg/L	0.000409	54.13%
Ni 232.003†	-0.6	-0.00866	mg/L	0.011825	-0.00866	mg/L	0.011825	136.49%
Pb 217.000†	0.6	0.06546	mg/L	0.127939	0.06546	mg/L	0.127939	195.45%
Pb 220.353†	0.8	0.00034	mg/L	0.001460	0.00034	mg/L	0.001460	434.87%
Sb 206.836†	1.7	0.00105	mg/L	0.001607	0.00105	mg/L	0.001607	153.28%
Sb 217.582†	0.5	0.07484	mg/L	0.161162	0.07484	mg/L	0.161162	215.34%
Se 196.026†	3.0	0.00346	mg/L	0.005884	0.00346	mg/L	0.005884	170.19%
Se 203.985†	8.2	0.01910	mg/L	0.006653	0.01910	mg/L	0.006653	34.82%
Sn 189.927†	0.9	0.00085	mg/L	0.001459	0.00085	mg/L	0.001459	172.34%
Sn 235.485†	-1.2	-0.04518	mg/L	0.061751	-0.04518	mg/L	0.061751	136.66%
Sr 407.771†	-104.7	-0.00104	mg/L	0.000004	-0.00104	mg/L	0.000004	0.36%
Sr 421.552†	49.5	0.00031	mg/L	0.000361	0.00031	mg/L	0.000361	117.47%
Sr 460.733†	-939.8	-0.1305	mg/L	0.00440	-0.1305	mg/L	0.00440	3.37%
Ti 334.940†	5.5	0.00065	mg/L	0.000315	0.00065	mg/L	0.000315	48.50%
Ti 336.121†	-0.2	-0.00003	mg/L	0.000169	-0.00003	mg/L	0.000169	512.12%
Ti 337.279†	-1.6	-0.00059	mg/L	0.000515	-0.00059	mg/L	0.000515	86.84%
Tl 190.801†	1.3	0.00196	mg/L	0.001860	0.00196	mg/L	0.001860	94.68%
Tl 276.787†	-5.3	-0.00161	mg/L	0.003771	-0.00161	mg/L	0.003771	234.43%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	2.9	0.00296	mg/L	0.002877	0.00296	mg/L	0.002877	97.36%
V 309.310†	4.5	0.00266	mg/L	0.001490	0.00266	mg/L	0.001490	55.95%
V 310.230†	360.9	0.00298	mg/L	0.000737	0.00298	mg/L	0.000737	24.70%
Zn 202.548†	2.2	0.01011	mg/L	0.004944	0.01011	mg/L	0.004944	48.90%
Zn 206.200†	0.5	0.00638	mg/L	0.008024	0.00638	mg/L	0.008024	125.79%
Zn 213.857†	-0.5	-0.00141	mg/L	0.003071	-0.00141	mg/L	0.003071	218.00%

Sequence No.: 19
Sample ID: SIC Cr
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 8/30/01 10:32:13 AM
Sample Prep Volume:
Data Type: Original

Mean Data: SIC Cr

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124659.5						1062.89	0.85%
Y 360.073	2904257.6						11719.13	0.40%
Ag 328.068†	45.0	0.00028	mg/L	0.000250	0.00028	mg/L	0.000250	89.46%
Ag 338.289†	169.8	0.00199	mg/L	0.000390	0.00199	mg/L	0.000390	19.61%
Al 308.215†	9.7	0.04433	mg/L	0.010696	0.04433	mg/L	0.010696	24.13%
Al 394.401†	16.3	0.03472	mg/L	0.009706	0.03472	mg/L	0.009706	27.96%
Al 396.153†	31.3	0.01855	mg/L	0.002622	0.01855	mg/L	0.002622	14.13%
As 188.979†	-0.4	-0.1376	mg/L	0.28700	-0.1376	mg/L	0.28700	208.60%
As 193.696†	0.3	0.00040	mg/L	0.001707	0.00040	mg/L	0.001707	431.10%
As 197.197†	0.2	0.1158	mg/L	0.32717	0.1158	mg/L	0.32717	282.62%
B 208.889†	0.1	0.00369	mg/L	0.028027	0.00369	mg/L	0.028027	760.15%
B 249.677†	1.7	0.00711	mg/L	0.004583	0.00711	mg/L	0.004583	64.49%
B 249.772†	2.6	0.00494	mg/L	0.003763	0.00494	mg/L	0.003763	76.22%
Ba 233.527†	0.1	0.00024	mg/L	0.000564	0.00024	mg/L	0.000564	234.52%
Ba 455.403†	3.5	0.00006	mg/L	0.000015	0.00006	mg/L	0.000015	24.75%
Ba 493.408†	38.0	0.00037	mg/L	0.000249	0.00037	mg/L	0.000249	66.56%
Be 234.861†	-6.2	-0.00002	mg/L	0.000051	-0.00002	mg/L	0.000051	226.34%
Be 313.042†	11.2	0.00048	mg/L	0.000085	0.00048	mg/L	0.000085	17.73%
Be 313.107†	11.2	0.00048	mg/L	0.000085	0.00048	mg/L	0.000085	17.73%
Ca 315.887†	26.3	0.02581	mg/L	0.000499	0.02581	mg/L	0.000499	1.93%
Ca 317.933†	30.3	0.03163	mg/L	0.002237	0.03163	mg/L	0.002237	7.07%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%

Cd 226.502†	-0.9	-0.00003 mg/L	0.000033	-0.00003 mg/L	0.000033	99.62%
Cd 228.802†	-0.2	-0.00027 mg/L	0.000708	-0.00027 mg/L	0.000708	258.98%
Ce 413.380†	-3.7	-0.00370 mg/L	0.008141	-0.00370 mg/L	0.008141	220.09%
Ce 413.764†	0.3	0.00033 mg/L	0.003938	0.00033 mg/L	0.003938	>999.9%
Ce 418.660†	18.1	0.00886 mg/L	0.006008	0.00886 mg/L	0.006008	67.82%
Co 228.616†	-120.6	-0.00379 mg/L	0.000466	-0.00379 mg/L	0.000466	12.30%
Co 230.786†	-0.6	-0.00411 mg/L	0.003972	-0.00411 mg/L	0.003972	96.70%
Co 238.892†	-0.5	-0.00243 mg/L	0.001882	-0.00243 mg/L	0.001882	77.44%
Cr 205.560†	218.1	9.847 mg/L	0.0825	9.847 mg/L	0.0825	0.84%
Cr 267.716†	231601.7	10.06 mg/L	0.104	10.06 mg/L	0.104	1.03%
Cr 283.563†	7943.8	9.530 mg/L	0.0570	9.530 mg/L	0.0570	0.60%
Cu 224.700†	1.2	0.01377 mg/L	0.005749	0.01377 mg/L	0.005749	41.76%
Cu 324.752†	-9.8	-0.00257 mg/L	0.000468	-0.00257 mg/L	0.000468	18.22%
Cu 327.393†	-91.8	-0.00179 mg/L	0.000185	-0.00179 mg/L	0.000185	10.35%
Fe 238.204†	4.6	0.00728 mg/L	0.000329	0.00728 mg/L	0.000329	4.51%
Fe 239.562†	3.2	0.00725 mg/L	0.001433	0.00725 mg/L	0.001433	19.77%
Fe 259.939†	8.4	0.00684 mg/L	0.000867	0.00684 mg/L	0.000867	12.68%
Fe 273.955†	3.6	0.01718 mg/L	0.003879	0.01718 mg/L	0.003879	22.58%
K 766.490†	-28.2	-0.06371 mg/L	0.038919	-0.06371 mg/L	0.038919	61.08%
Li 610.362†	111.8	0.02376 mg/L	0.019643	0.02376 mg/L	0.019643	82.69%
Li 670.784†	-87.7	-0.00224 mg/L	0.000716	-0.00224 mg/L	0.000716	31.94%
Mg 279.077†	-2.0	-0.01018 mg/L	0.015102	-0.01018 mg/L	0.015102	148.35%
Mg 280.271†	105.8	0.00335 mg/L	0.000082	0.00335 mg/L	0.000082	2.44%
Mg 285.213†	3.5	0.00381 mg/L	0.000174	0.00381 mg/L	0.000174	4.57%
Mn 257.610†	-1.6	-0.00027 mg/L	0.000040	-0.00027 mg/L	0.000040	14.43%
Mn 259.372†	7.0	0.00086 mg/L	0.000308	0.00086 mg/L	0.000308	35.64%
Mn 260.568†	-1.2	-0.00031 mg/L	0.000111	-0.00031 mg/L	0.000111	36.11%
Mo 202.031†	0.4	0.01355 mg/L	0.017513	0.01355 mg/L	0.017513	129.22%
Mo 203.845†	-0.3	-0.01968 mg/L	0.062134	-0.01968 mg/L	0.062134	315.77%
Mo 204.597†	-1.7	-0.00027 mg/L	0.000268	-0.00027 mg/L	0.000268	99.90%
Na 588.995†	216.4	0.06013 mg/L	0.009689	0.06013 mg/L	0.009689	16.11%
Na 589.592†	29.5	0.00784 mg/L	0.012692	0.00784 mg/L	0.012692	161.91%
Ni 221.648†	0.5	0.01472 mg/L	0.015521	0.01472 mg/L	0.015521	105.45%
Ni 231.604†	12.2	0.00107 mg/L	0.000424	0.00107 mg/L	0.000424	39.51%
Ni 232.003†	4.2	0.06337 mg/L	0.026826	0.06337 mg/L	0.026826	42.33%
Pb 217.000†	0.7	0.07360 mg/L	0.036288	0.07360 mg/L	0.036288	49.30%
Pb 220.353†	-4.7	-0.00201 mg/L	0.000942	-0.00201 mg/L	0.000942	46.82%
Sb 206.836†	74.0	0.04574 mg/L	0.001438	0.04574 mg/L	0.001438	3.14%
Sb 217.582†	-0.5	-0.07062 mg/L	0.128441	-0.07062 mg/L	0.128441	181.87%
Se 196.026†	0.6	0.00066 mg/L	0.000603	0.00066 mg/L	0.000603	91.92%
Se 203.985†	165.3	0.3834 mg/L	0.00232	0.3834 mg/L	0.00232	0.60%
Sn 189.927†	-0.5	-0.00049 mg/L	0.000454	-0.00049 mg/L	0.000454	92.21%
Sn 235.485†	-1.4	-0.04896 mg/L	0.046924	-0.04896 mg/L	0.046924	95.83%
Sr 407.771†	35.5	0.00035 mg/L	0.000054	0.00035 mg/L	0.000054	15.28%
Sr 421.552†	15.8	0.00010 mg/L	0.000041	0.00010 mg/L	0.000041	42.00%
Sr 460.733†	-104.1	-0.01445 mg/L	0.004709	-0.01445 mg/L	0.004709	32.59%
Ti 334.940†	23.0	0.00274 mg/L	0.000160	0.00274 mg/L	0.000160	5.82%
Ti 336.121†	3.8	0.00053 mg/L	0.000323	0.00053 mg/L	0.000323	60.39%
Ti 337.279†	-5.0	-0.00180 mg/L	0.000634	-0.00180 mg/L	0.000634	35.22%
Tl 190.801†	2.4	0.00366 mg/L	0.001366	0.00366 mg/L	0.001366	37.38%
Tl 276.787†	92.5	0.02814 mg/L	0.016566	0.02814 mg/L	0.016566	58.87%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.8	-0.00389 mg/L	0.001695	-0.00389 mg/L	0.001695	43.53%
V 309.310†	4.1	0.00245 mg/L	0.001478	0.00245 mg/L	0.001478	60.32%
V 310.230†	556.1	0.00460 mg/L	0.001204	0.00460 mg/L	0.001204	26.18%
Zn 202.548†	1.7	0.00822 mg/L	0.007683	0.00822 mg/L	0.007683	93.47%
Zn 206.200†	4.9	0.05936 mg/L	0.006421	0.05936 mg/L	0.006421	10.82%
Zn 213.857†	-1.7	-0.00434 mg/L	0.002458	-0.00434 mg/L	0.002458	56.69%

Sequence No.: 20
Sample ID: SIC Fe
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 8/30/01 10:36:43 AM

Sample Prep Volume:
Data Type: Original

Mean Data: SIC Fe

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Y 371.029	122874.7				1627.13	1.32%
Y 360.073	2895275.6				19297.34	0.67%
Ag 328.068†	-634.8	-0.00395 mg/L	0.000252	-0.00395 mg/L	0.000252	6.37%
Ag 338.289†	-19.4	-0.00023 mg/L	0.001308	-0.00023 mg/L	0.001308	575.02%
Al 308.215†	13.6	0.06208 mg/L	0.004560	0.06208 mg/L	0.004560	7.34%
Al 394.401†	21.0	0.04472 mg/L	0.007377	0.04472 mg/L	0.007377	16.50%
Al 396.153†	67.8	0.04709 mg/L	0.007338	0.04709 mg/L	0.007338	15.58%
As 188.979†	0.1	0.04929 mg/L	0.379437	0.04929 mg/L	0.379437	769.86%
As 193.696†	-24.5	-0.03400 mg/L	0.002722	-0.03400 mg/L	0.002722	8.01%
As 197.197†	-0.2	-0.08587 mg/L	0.265685	-0.08587 mg/L	0.265685	309.40%
B 208.889†	2.8	0.1132 mg/L	0.05268	0.1132 mg/L	0.05268	46.54%
B 249.677†	-1.8	-0.00717 mg/L	0.015291	-0.00717 mg/L	0.015291	213.38%
B 249.772†	248.1	0.4761 mg/L	0.00323	0.4761 mg/L	0.00323	0.68%
Ba 233.527†	1.7	0.00295 mg/L	0.001287	0.00295 mg/L	0.001287	43.56%
Ba 455.403†	8.5	0.00014 mg/L	0.000129	0.00014 mg/L	0.000129	91.18%
Ba 493.408†	201.0	0.00198 mg/L	0.000405	0.00198 mg/L	0.000405	20.40%
Be 234.861†	-523601.3	-1.919 mg/L	0.0106	-1.919 mg/L	0.0106	0.55%
Be 313.042†	9.1	0.00039 mg/L	0.000135	0.00039 mg/L	0.000135	34.52%
Be 313.107†	9.1	0.00039 mg/L	0.000135	0.00039 mg/L	0.000135	34.52%
Ca 315.887†	79.1	0.07770 mg/L	0.001600	0.07770 mg/L	0.001600	2.06%
Ca 317.933†	76.0	0.07928 mg/L	0.006681	0.07928 mg/L	0.006681	8.43%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	238.7	0.00894 mg/L	0.000389	0.00894 mg/L	0.000389	4.35%
Cd 228.802†	1.0	0.00170 mg/L	0.001129	0.00170 mg/L	0.001129	66.25%
Ce 413.380†	52.1	0.05216 mg/L	0.023183	0.05216 mg/L	0.023183	44.45%
Ce 413.764†	11.8	0.01176 mg/L	0.003484	0.01176 mg/L	0.003484	29.63%
Ce 418.660†	27.6	0.01350 mg/L	0.026987	0.01350 mg/L	0.026987	199.96%
Co 228.616†	51.4	0.00162 mg/L	0.000055	0.00162 mg/L	0.000055	3.43%
Co 230.786†	0.0	0.00007 mg/L	0.006057	0.00007 mg/L	0.006057	>999.9%
Co 238.892†	-60.6	-0.2787 mg/L	0.02708	-0.2787 mg/L	0.02708	9.72%
Cr 205.560†	-0.2	-0.00762 mg/L	0.007400	-0.00762 mg/L	0.007400	97.08%
Cr 267.716†	-16.9	-0.00073 mg/L	0.000120	-0.00073 mg/L	0.000120	16.39%
Cr 283.563†	72.7	0.08726 mg/L	0.001014	0.08726 mg/L	0.001014	1.16%
Cu 224.700†	2.6	0.02902 mg/L	0.005095	0.02902 mg/L	0.005095	17.56%
Cu 324.752†	-21.1	-0.00553 mg/L	0.000835	-0.00553 mg/L	0.000835	15.12%
Cu 327.393†	-185.0	-0.00361 mg/L	0.000285	-0.00361 mg/L	0.000285	7.91%
Fe 238.204†	177645.6	279.6 mg/L	2.10	279.6 mg/L	2.10	0.75%
Fe 239.562†	124988.6	283.9 mg/L	1.77	283.9 mg/L	1.77	0.62%
Fe 259.939†	348242.6	282.1 mg/L	1.73	282.1 mg/L	1.73	0.61%
Fe 273.955†	66699.3	318.6 mg/L	2.42	318.6 mg/L	2.42	0.76%
K 766.490†	18.5	0.04190 mg/L	0.060810	0.04190 mg/L	0.060810	145.12%
Li 610.362†	-36.0	-0.00765 mg/L	0.013624	-0.00765 mg/L	0.013624	178.15%
Li 670.784†	-50.6	-0.00129 mg/L	0.002093	-0.00129 mg/L	0.002093	161.92%
Mg 279.077†	17.6	0.09006 mg/L	0.024185	0.09006 mg/L	0.024185	26.85%
Mg 280.271†	678.7	0.02151 mg/L	0.003305	0.02151 mg/L	0.003305	15.37%
Mg 285.213†	18.7	0.02017 mg/L	0.003440	0.02017 mg/L	0.003440	17.05%
Mn 257.610†	57.7	0.01018 mg/L	0.000408	0.01018 mg/L	0.000408	4.01%
Mn 259.372†	2455.1	0.00220 mg/L	0.002701	0.00220 mg/L	0.002701	122.65%
Mn 260.568†	5.2	0.00133 mg/L	0.000997	0.00133 mg/L	0.000997	74.66%
Mo 202.031†	0.5	0.01757 mg/L	0.053087	0.01757 mg/L	0.053087	302.21%
Mo 203.845†	-1.0	-0.06247 mg/L	0.068427	-0.06247 mg/L	0.068427	109.54%
Mo 204.597†	6.9	0.00111 mg/L	0.000367	0.00111 mg/L	0.000367	33.00%
Na 588.995†	127.7	0.03549 mg/L	0.018646	0.03549 mg/L	0.018646	52.54%
Na 589.592†	19.5	0.00518 mg/L	0.011310	0.00518 mg/L	0.011310	218.47%
Ni 221.648†	0.8	0.02321 mg/L	0.006741	0.02321 mg/L	0.006741	29.05%
Ni 231.604†	52.3	0.00462 mg/L	0.000288	0.00462 mg/L	0.000288	6.23%
Ni 232.003†	1.6	0.02363 mg/L	0.006320	0.02363 mg/L	0.006320	26.74%
Pb 217.000†	-0.7	-0.07096 mg/L	0.125117	-0.07096 mg/L	0.125117	176.33%
Pb 220.353†	26.4	0.01120 mg/L	0.001453	0.01120 mg/L	0.001453	12.97%
Sb 206.836†	2.8	0.00176 mg/L	0.004043	0.00176 mg/L	0.004043	230.24%
Sb 217.582†	0.2	0.02378 mg/L	0.109635	0.02378 mg/L	0.109635	461.03%
Se 196.026†	-114.3	-0.1300 mg/L	0.00354	-0.1300 mg/L	0.00354	2.72%
Se 203.985†	-0.1	-0.00030 mg/L	0.006099	-0.00030 mg/L	0.006099	>999.9%
Sn 189.927†	-1.1	-0.00099 mg/L	0.002121	-0.00099 mg/L	0.002121	215.31%
Sn 235.485†	1123.0	40.69 mg/L	0.730	40.69 mg/L	0.730	1.79%
Sr 407.771†	4.5	0.00004 mg/L	0.000042	0.00004 mg/L	0.000042	94.21%
Sr 421.552†	173.0	0.00108 mg/L	0.000018	0.00108 mg/L	0.000018	1.67%
Sr 460.733†	-78.6	-0.01091 mg/L	0.005833	-0.01091 mg/L	0.005833	53.48%
Ti 334.940†	5.3	0.00063 mg/L	0.000113	0.00063 mg/L	0.000113	17.89%
Ti 336.121†	-1.3	-0.00018 mg/L	0.000195	-0.00018 mg/L	0.000195	110.32%

Ti 337.279†	-4.0	-0.00144 mg/L	0.000938	-0.00144 mg/L	0.000938	65.31%
Tl 190.801†	4.9	0.00743 mg/L	0.003374	0.00743 mg/L	0.003374	45.43%
Tl 276.787†	22052.8	6.711 mg/L	0.0763	6.711 mg/L	0.0763	1.14%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-0.2	-0.00022 mg/L	0.000605	-0.00022 mg/L	0.000605	277.16%
V 309.310†	3.9	0.00234 mg/L	0.001695	0.00234 mg/L	0.001695	72.54%
V 310.230†	804.0	0.00665 mg/L	0.000735	0.00665 mg/L	0.000735	11.07%
Zn 202.548†	3.6	0.00567 mg/L	0.003872	0.00567 mg/L	0.003872	68.25%
Zn 206.200†	0.5	0.00574 mg/L	0.006991	0.00574 mg/L	0.006991	121.74%
Zn 213.857†	9.5	-0.00416 mg/L	0.002469	-0.00416 mg/L	0.002469	59.31%

Sequence No.: 21
Sample ID: SIC Mn
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 8/30/01 10:41:19 AM
Sample Prep Volume:
Data Type: Original

Mean Data: SIC Mn

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121355.3						463.54	0.38%
Y 360.073	2924060.9						40451.06	1.38%
Ag 328.068†	98.6	0.00061	mg/L	0.000030	0.00061	mg/L	0.000030	4.95%
Ag 338.289†	10.6	0.00012	mg/L	0.001153	0.00012	mg/L	0.001153	927.45%
Al 308.215†	7.6	0.03468	mg/L	0.004286	0.03468	mg/L	0.004286	12.36%
Al 394.401†	8.0	0.01696	mg/L	0.010260	0.01696	mg/L	0.010260	60.50%
Al 396.153†	27.3	0.01554	mg/L	0.008415	0.01554	mg/L	0.008415	54.14%
As 188.979†	-1.0	-0.3665	mg/L	0.46307	-0.3665	mg/L	0.46307	126.36%
As 193.696†	2.1	0.00297	mg/L	0.000310	0.00297	mg/L	0.000310	10.46%
As 197.197†	-0.3	-0.1437	mg/L	0.03514	-0.1437	mg/L	0.03514	24.45%
B 208.889†	1.4	0.05785	mg/L	0.038799	0.05785	mg/L	0.038799	67.07%
B 249.677†	1.1	0.00449	mg/L	0.007495	0.00449	mg/L	0.007495	167.07%
B 249.772†	-0.4	-0.00076	mg/L	0.003143	-0.00076	mg/L	0.003143	411.27%
Ba 233.527†	0.4	0.00065	mg/L	0.000205	0.00065	mg/L	0.000205	31.69%
Ba 455.403†	3.0	0.00005	mg/L	0.000016	0.00005	mg/L	0.000016	32.43%
Ba 493.408†	2.5	0.00002	mg/L	0.000287	0.00002	mg/L	0.000287	>999.9%
Be 234.861†	-1.1	0.00000	mg/L	0.000008	0.00000	mg/L	0.000008	193.65%
Be 313.042†	3.9	0.00017	mg/L	0.000023	0.00017	mg/L	0.000023	13.64%
Be 313.107†	3.9	0.00017	mg/L	0.000023	0.00017	mg/L	0.000023	13.64%
Ca 315.887†	60.3	0.05919	mg/L	0.006393	0.05919	mg/L	0.006393	10.80%
Ca 317.933†	63.4	0.06614	mg/L	0.000946	0.06614	mg/L	0.000946	1.43%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	3.1	0.00012	mg/L	0.000114	0.00012	mg/L	0.000114	98.10%
Cd 228.802†	-0.4	-0.00062	mg/L	0.000815	-0.00062	mg/L	0.000815	131.64%
Ce 413.380†	2.1	0.00215	mg/L	0.011833	0.00215	mg/L	0.011833	549.72%
Ce 413.764†	-5.5	-0.00550	mg/L	0.006864	-0.00550	mg/L	0.006864	124.80%
Ce 418.660†	6.2	0.00302	mg/L	0.004981	0.00302	mg/L	0.004981	165.16%
Co 228.616†	-3.4	-0.00011	mg/L	0.000142	-0.00011	mg/L	0.000142	134.72%
Co 230.786†	0.3	0.00213	mg/L	0.001908	0.00213	mg/L	0.001908	89.64%
Co 238.892†	-0.4	-0.00190	mg/L	0.004342	-0.00190	mg/L	0.004342	228.50%
Cr 205.560†	0.0	0.00133	mg/L	0.032679	0.00133	mg/L	0.032679	>999.9%
Cr 267.716†	14.7	0.00064	mg/L	0.000094	0.00064	mg/L	0.000094	14.72%
Cr 283.563†	0.3	0.00031	mg/L	0.001363	0.00031	mg/L	0.001363	433.14%
Cu 224.700†	0.7	0.00810	mg/L	0.000893	0.00810	mg/L	0.000893	11.02%
Cu 324.752†	-5.0	-0.00131	mg/L	0.000264	-0.00131	mg/L	0.000264	20.12%
Cu 327.393†	-68.2	-0.00133	mg/L	0.000406	-0.00133	mg/L	0.000406	30.51%
Fe 238.204†	19.6	0.03085	mg/L	0.007816	0.03085	mg/L	0.007816	25.34%
Fe 239.562†	14.7	0.03330	mg/L	0.008105	0.03330	mg/L	0.008105	24.34%
Fe 259.939†	35.6	0.02885	mg/L	0.009957	0.02885	mg/L	0.009957	34.51%
Fe 273.955†	7.6	0.03611	mg/L	0.006857	0.03611	mg/L	0.006857	18.99%
K 766.490†	-58.0	-0.1311	mg/L	0.04860	-0.1311	mg/L	0.04860	37.07%
Li 610.362†	-44.7	-0.00949	mg/L	0.002575	-0.00949	mg/L	0.002575	27.14%
Li 670.784†	-24.3	-0.00062	mg/L	0.000758	-0.00062	mg/L	0.000758	122.25%
Mg 279.077†	4.4	0.02253	mg/L	0.011567	0.02253	mg/L	0.011567	51.35%
Mg 280.271†	465.1	0.01474	mg/L	0.002386	0.01474	mg/L	0.002386	16.19%
Mg 285.213†	13.1	0.01415	mg/L	0.003525	0.01415	mg/L	0.003525	24.92%
Mn 257.610†	68092.8	12.01	mg/L	0.003	12.01	mg/L	0.003	0.03%
Mn 259.372†	89666.3	12.06	mg/L	0.025	12.06	mg/L	0.025	0.21%

Mn 260.568†	47161.7	12.08	mg/L	0.022	12.08	mg/L	0.022	0.18%
Mo 202.031†	0.8	0.02733	mg/L	0.052943	0.02733	mg/L	0.052943	193.70%
Mo 203.845†	0.4	0.02369	mg/L	0.110719	0.02369	mg/L	0.110719	467.40%
Mo 204.597†	2.7	0.00043	mg/L	0.000546	0.00043	mg/L	0.000546	125.82%
Na 588.995†	-57.5	-0.01597	mg/L	0.008337	-0.01597	mg/L	0.008337	52.21%
Na 589.592†	-59.5	-0.01580	mg/L	0.014096	-0.01580	mg/L	0.014096	89.22%
Ni 221.648†	0.1	0.00231	mg/L	0.018623	0.00231	mg/L	0.018623	806.32%
Ni 231.604†	8.5	0.00075	mg/L	0.000429	0.00075	mg/L	0.000429	57.44%
Ni 232.003†	0.7	0.01060	mg/L	0.020747	0.01060	mg/L	0.020747	195.80%
Pb 217.000†	0.5	0.04708	mg/L	0.063976	0.04708	mg/L	0.063976	135.89%
Pb 220.353†	0.6	0.00024	mg/L	0.000761	0.00024	mg/L	0.000761	319.69%
Sb 206.836†	1.4	0.00088	mg/L	0.001979	0.00088	mg/L	0.001979	225.54%
Sb 217.582†	-0.7	-0.1075	mg/L	0.07352	-0.1075	mg/L	0.07352	68.41%
Se 196.026†	2.6	0.00298	mg/L	0.000411	0.00298	mg/L	0.000411	13.78%
Se 203.985†	-1.7	-0.00400	mg/L	0.001810	-0.00400	mg/L	0.001810	45.24%
Sn 189.927†	-0.5	-0.00049	mg/L	0.000617	-0.00049	mg/L	0.000617	126.22%
Sn 235.485†	-3.0	-0.1105	mg/L	0.02538	-0.1105	mg/L	0.02538	22.97%
Sr 407.771†	43.1	0.00043	mg/L	0.000039	0.00043	mg/L	0.000039	9.19%
Sr 421.552†	63.6	0.00040	mg/L	0.000063	0.00040	mg/L	0.000063	15.91%
Sr 460.733†	-38.4	-0.00533	mg/L	0.014085	-0.00533	mg/L	0.014085	264.32%
Ti 334.940†	4.5	0.00054	mg/L	0.000173	0.00054	mg/L	0.000173	32.17%
Ti 336.121†	-2.8	-0.00040	mg/L	0.000090	-0.00040	mg/L	0.000090	22.64%
Ti 337.279†	-5.5	-0.00200	mg/L	0.000740	-0.00200	mg/L	0.000740	37.09%
Tl 190.801†	-3.7	-0.00567	mg/L	0.002813	-0.00567	mg/L	0.002813	49.57%
Tl 276.787†	-111.7	-0.03401	mg/L	0.003265	-0.03401	mg/L	0.003265	9.60%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-3.8	-0.00391	mg/L	0.001335	-0.00391	mg/L	0.001335	34.13%
V 309.310†	2.5	0.00148	mg/L	0.000299	0.00148	mg/L	0.000299	20.22%
V 310.230†	370.8	0.00307	mg/L	0.000643	0.00307	mg/L	0.000643	20.97%
Zn 202.548†	3.0	0.01405	mg/L	0.006047	0.01405	mg/L	0.006047	43.04%
Zn 206.200†	0.5	0.00592	mg/L	0.003866	0.00592	mg/L	0.003866	65.28%
Zn 213.857†	0.5	0.00123	mg/L	0.005573	0.00123	mg/L	0.005573	452.21%

Sequence No.: 22
Sample ID: SIC Mo
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 8/30/01 10:45:47 AM
Sample Prep Volume:
Data Type: Original

Mean Data: SIC Mo

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124065.1						1737.99	1.40%
Y 360.073	2920260.1						25581.14	0.88%
Ag 328.068†	-6.0	-0.00004	mg/L	0.000189	-0.00004	mg/L	0.000189	502.31%
Ag 338.289†	-16.3	-0.00019	mg/L	0.000664	-0.00019	mg/L	0.000664	348.41%
Al 308.215†	18.1	0.08308	mg/L	0.005530	0.08308	mg/L	0.005530	6.66%
Al 394.401†	13.0	0.02768	mg/L	0.005833	0.02768	mg/L	0.005833	21.07%
Al 396.153†	566.2	0.03269	mg/L	0.005336	0.03269	mg/L	0.005336	16.33%
As 188.979†	-0.1	-0.04912	mg/L	0.398672	-0.04912	mg/L	0.398672	811.66%
As 193.696†	1.8	0.00248	mg/L	0.001910	0.00248	mg/L	0.001910	77.14%
As 197.197†	-0.2	-0.09410	mg/L	0.276920	-0.09410	mg/L	0.276920	294.29%
B 208.889†	1.2	0.05018	mg/L	0.023316	0.05018	mg/L	0.023316	46.46%
B 249.677†	0.4	0.00157	mg/L	0.006587	0.00157	mg/L	0.006587	419.91%
B 249.772†	1.3	0.00255	mg/L	0.000273	0.00255	mg/L	0.000273	10.70%
Ba 233.527†	-0.3	-0.00044	mg/L	0.000929	-0.00044	mg/L	0.000929	210.93%
Ba 455.403†	8.6	0.00014	mg/L	0.000049	0.00014	mg/L	0.000049	33.98%
Ba 493.408†	26.9	0.00027	mg/L	0.000508	0.00027	mg/L	0.000508	191.53%
Be 234.861†	105.3	0.00039	mg/L	0.000141	0.00039	mg/L	0.000141	36.61%
Be 313.042†	7.5	0.00032	mg/L	0.000061	0.00032	mg/L	0.000061	18.87%
Be 313.107†	7.5	0.00032	mg/L	0.000061	0.00032	mg/L	0.000061	18.87%
Ca 315.887†	40.2	0.03948	mg/L	0.003274	0.03948	mg/L	0.003274	8.29%
Ca 317.933†	31.7	0.03307	mg/L	0.002154	0.03307	mg/L	0.002154	6.51%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-3.3	-0.00012	mg/L	0.000073	-0.00012	mg/L	0.000073	59.57%
Cd 228.802†	0.7	0.00120	mg/L	0.000784	0.00120	mg/L	0.000784	65.59%
Ce 413.380†	-1.1	-0.00114	mg/L	0.004325	-0.00114	mg/L	0.004325	380.48%
Ce 413.764†	-1.3	-0.00126	mg/L	0.010424	-0.00126	mg/L	0.010424	825.44%

Ce 418.660†	0.5	0.00024	mg/L	0.004789	0.00024	mg/L	0.004789	>999.9%
Co 228.616†	110.2	0.00346	mg/L	0.000425	0.00346	mg/L	0.000425	12.26%
Co 230.786†	-0.2	-0.00161	mg/L	0.005443	-0.00161	mg/L	0.005443	337.15%
Co 238.892†	0.3	0.00116	mg/L	0.004119	0.00116	mg/L	0.004119	356.55%
Cr 205.560†	-0.1	-0.00377	mg/L	0.018765	-0.00377	mg/L	0.018765	497.57%
Cr 267.716†	11.9	0.00052	mg/L	0.000094	0.00052	mg/L	0.000094	18.07%
Cr 283.563†	2.9	0.00344	mg/L	0.001575	0.00344	mg/L	0.001575	45.71%
Cu 224.700†	1.2	0.01364	mg/L	0.009458	0.01364	mg/L	0.009458	69.36%
Cu 324.752†	0.4	0.00010	mg/L	0.000991	0.00010	mg/L	0.000991	>999.9%
Cu 327.393†	-33.8	-0.00066	mg/L	0.000072	-0.00066	mg/L	0.000072	10.91%
Fe 238.204†	8.7	0.01373	mg/L	0.003765	0.01373	mg/L	0.003765	27.41%
Fe 239.562†	5.6	0.01282	mg/L	0.002174	0.01282	mg/L	0.002174	16.96%
Fe 259.939†	14.6	0.01183	mg/L	0.002254	0.01183	mg/L	0.002254	19.05%
Fe 273.955†	3.5	0.01649	mg/L	0.003662	0.01649	mg/L	0.003662	22.20%
K 766.490†	-43.0	-0.09735	mg/L	0.025611	-0.09735	mg/L	0.025611	26.31%
Li 610.362†	92.7	0.01968	mg/L	0.005741	0.01968	mg/L	0.005741	29.18%
Li 670.784†	-120.4	-0.00308	mg/L	0.001257	-0.00308	mg/L	0.001257	40.84%
Mg 279.077†	6.9	0.03531	mg/L	0.012549	0.03531	mg/L	0.012549	35.54%
Mg 280.271†	91.4	0.00290	mg/L	0.000250	0.00290	mg/L	0.000250	8.62%
Mg 285.213†	3.8	0.00413	mg/L	0.000244	0.00413	mg/L	0.000244	5.93%
Mn 257.610†	5.9	0.00105	mg/L	0.000379	0.00105	mg/L	0.000379	36.15%
Mn 259.372†	361.5	0.00179	mg/L	0.001132	0.00179	mg/L	0.001132	63.10%
Mn 260.568†	3.9	0.00100	mg/L	0.000157	0.00100	mg/L	0.000157	15.65%
Mo 202.031†	293.1	9.782	mg/L	0.1735	9.782	mg/L	0.1735	1.77%
Mo 203.845†	163.2	10.09	mg/L	0.133	10.09	mg/L	0.133	1.32%
Mo 204.597†	61387.9	9.885	mg/L	0.1666	9.885	mg/L	0.1666	1.69%
Na 588.995†	75.2	0.02089	mg/L	0.014711	0.02089	mg/L	0.014711	70.43%
Na 589.592†	128.4	0.03407	mg/L	0.020699	0.03407	mg/L	0.020699	60.75%
Ni 221.648†	0.2	0.00646	mg/L	0.023604	0.00646	mg/L	0.023604	365.17%
Ni 231.604†	-5.8	-0.00052	mg/L	0.000577	-0.00052	mg/L	0.000577	111.93%
Ni 232.003†	0.7	0.01015	mg/L	0.007929	0.01015	mg/L	0.007929	78.15%
Pb 217.000†	0.0	0.00470	mg/L	0.019845	0.00470	mg/L	0.019845	422.11%
Pb 220.353†	-6.9	-0.00292	mg/L	0.000112	-0.00292	mg/L	0.000112	3.83%
Sb 206.836†	18.3	0.01133	mg/L	0.001855	0.01133	mg/L	0.001855	16.38%
Sb 217.582†	0.8	0.1153	mg/L	0.01774	0.1153	mg/L	0.01774	15.39%
Se 196.026†	1.9	0.00215	mg/L	0.003174	0.00215	mg/L	0.003174	147.79%
Se 203.985†	1.8	0.00413	mg/L	0.010259	0.00413	mg/L	0.010259	248.42%
Sn 189.927†	0.2	0.00023	mg/L	0.000598	0.00023	mg/L	0.000598	259.28%
Sn 235.485†	-1.8	-0.06386	mg/L	0.073662	-0.06386	mg/L	0.073662	115.35%
Sr 407.771†	39.1	0.00039	mg/L	0.000072	0.00039	mg/L	0.000072	18.55%
Sr 421.552†	40.0	0.00025	mg/L	0.000058	0.00025	mg/L	0.000058	23.38%
Sr 460.733†	-110.7	-0.01536	mg/L	0.006420	-0.01536	mg/L	0.006420	41.79%
Ti 334.940†	5.0	0.00060	mg/L	0.000118	0.00060	mg/L	0.000118	19.57%
Ti 336.121†	3.3	0.00047	mg/L	0.000477	0.00047	mg/L	0.000477	101.73%
Ti 337.279†	-6.4	-0.00231	mg/L	0.000700	-0.00231	mg/L	0.000700	30.32%
Tl 190.801†	5.8	0.00882	mg/L	0.000788	0.00882	mg/L	0.000788	8.93%
Tl 276.787†	-12.6	-0.00384	mg/L	0.005886	-0.00384	mg/L	0.005886	153.21%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	17.1	0.01773	mg/L	0.001862	0.01773	mg/L	0.001862	10.50%
V 309.310†	4.1	0.00242	mg/L	0.000416	0.00242	mg/L	0.000416	17.16%
V 310.230†	442.1	0.00365	mg/L	0.000997	0.00365	mg/L	0.000997	27.28%
Zn 202.548†	1.6	0.00767	mg/L	0.008366	0.00767	mg/L	0.008366	109.02%
Zn 206.200†	1.0	0.01172	mg/L	0.007157	0.01172	mg/L	0.007157	61.05%
Zn 213.857†	-2.8	-0.00675	mg/L	0.003326	-0.00675	mg/L	0.003326	49.27%

Sequence No.: 23
Sample ID: SIC Ni
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 8/30/01 10:50:17 AM
Sample Prep Volume:
Data Type: Original

Mean Data: SIC Ni

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123011.9						1020.05	0.83%
Y 360.073	2910815.8						40010.36	1.37%
Ag 328.068†	1.5	0.00001	mg/L	0.000252	0.00001	mg/L	0.000252	>999.9%
Ag 338.289†	-24.8	-0.00029	mg/L	0.000534	-0.00029	mg/L	0.000534	183.70%

Al 308.215†	10.1	0.04609 mg/L	0.005310	0.04609 mg/L	0.005310	11.52%
Al 394.401†	15.9	0.03373 mg/L	0.003410	0.03373 mg/L	0.003410	10.11%
Al 396.153†	35.5	0.02063 mg/L	0.002071	0.02063 mg/L	0.002071	10.04%
As 188.979†	0.3	0.1203 mg/L	0.32291	0.1203 mg/L	0.32291	268.46%
As 193.696†	1.4	0.00201 mg/L	0.003272	0.00201 mg/L	0.003272	162.49%
As 197.197†	0.4	0.1933 mg/L	0.21303	0.1933 mg/L	0.21303	110.21%
B 208.889†	1.5	0.06144 mg/L	0.062765	0.06144 mg/L	0.062765	102.16%
B 249.677†	-0.9	-0.00368 mg/L	0.003984	-0.00368 mg/L	0.003984	108.13%
B 249.772†	2.0	0.00390 mg/L	0.001205	0.00390 mg/L	0.001205	30.93%
Ba 233.527†	0.4	0.00064 mg/L	0.000239	0.00064 mg/L	0.000239	37.42%
Ba 455.403†	-3.9	-0.00007 mg/L	0.000053	-0.00007 mg/L	0.000053	81.60%
Ba 493.408†	36.1	0.00036 mg/L	0.000237	0.00036 mg/L	0.000237	66.46%
Be 234.861†	-31.5	-0.00012 mg/L	0.000055	-0.00012 mg/L	0.000055	47.31%
Be 313.042†	6.6	0.00028 mg/L	0.000037	0.00028 mg/L	0.000037	12.96%
Be 313.107†	6.6	0.00028 mg/L	0.000037	0.00028 mg/L	0.000037	12.96%
Ca 315.887†	35.4	0.03480 mg/L	0.007402	0.03480 mg/L	0.007402	21.27%
Ca 317.933†	33.2	0.03466 mg/L	0.004431	0.03466 mg/L	0.004431	12.79%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	90.1	0.00337 mg/L	0.000293	0.00337 mg/L	0.000293	8.69%
Cd 228.802†	0.8	0.00131 mg/L	0.000603	0.00131 mg/L	0.000603	46.12%
Ce 413.380†	-0.8	-0.00080 mg/L	0.009049	-0.00080 mg/L	0.009049	>999.9%
Ce 413.764†	-3.5	-0.00351 mg/L	0.007244	-0.00351 mg/L	0.007244	206.42%
Ce 418.660†	6.0	0.00292 mg/L	0.000142	0.00292 mg/L	0.000142	4.88%
Co 228.616†	-20.3	-0.00064 mg/L	0.000293	-0.00064 mg/L	0.000293	45.90%
Co 230.786†	-0.3	-0.00211 mg/L	0.006878	-0.00211 mg/L	0.006878	325.51%
Co 238.892†	0.2	0.00109 mg/L	0.003039	0.00109 mg/L	0.003039	278.63%
Cr 205.560†	-0.3	-0.01307 mg/L	0.005404	-0.01307 mg/L	0.005404	41.34%
Cr 267.716†	5.0	0.00022 mg/L	0.000210	0.00022 mg/L	0.000210	97.09%
Cr 283.563†	-0.1	-0.00009 mg/L	0.001157	-0.00009 mg/L	0.001157	>999.9%
Cu 224.700†	1.9	0.02112 mg/L	0.002106	0.02112 mg/L	0.002106	9.97%
Cu 324.752†	-1.8	-0.00048 mg/L	0.000566	-0.00048 mg/L	0.000566	117.33%
Cu 327.393†	-47.8	-0.00093 mg/L	0.000425	-0.00093 mg/L	0.000425	45.57%
Fe 238.204†	3.5	0.00557 mg/L	0.000650	0.00557 mg/L	0.000650	11.67%
Fe 239.562†	2.6	0.00600 mg/L	0.002640	0.00600 mg/L	0.002640	43.96%
Fe 259.939†	5.8	0.00473 mg/L	0.000848	0.00473 mg/L	0.000848	17.94%
Fe 273.955†	1.4	0.00668 mg/L	0.004343	0.00668 mg/L	0.004343	65.02%
K 766.490†	-73.8	-0.1669 mg/L	0.02343	-0.1669 mg/L	0.02343	14.03%
Li 610.362†	-39.8	-0.00845 mg/L	0.004564	-0.00845 mg/L	0.004564	54.03%
Li 670.784†	-123.4	-0.00315 mg/L	0.001839	-0.00315 mg/L	0.001839	58.31%
Mg 279.077†	-2.8	-0.01449 mg/L	0.012368	-0.01449 mg/L	0.012368	85.36%
Mg 280.271†	100.1	0.00317 mg/L	0.000143	0.00317 mg/L	0.000143	4.52%
Mg 285.213†	3.9	0.00424 mg/L	0.000914	0.00424 mg/L	0.000914	21.57%
Mn 257.610†	0.5	0.00009 mg/L	0.000313	0.00009 mg/L	0.000313	332.13%
Mn 259.372†	5.0	0.00026 mg/L	0.000318	0.00026 mg/L	0.000318	122.21%
Mn 260.568†	1.8	0.00045 mg/L	0.000269	0.00045 mg/L	0.000269	59.33%
Mo 202.031†	1.3	0.04435 mg/L	0.025981	0.04435 mg/L	0.025981	58.58%
Mo 203.845†	1.0	0.06238 mg/L	0.021316	0.06238 mg/L	0.021316	34.17%
Mo 204.597†	149.4	0.02405 mg/L	0.003036	0.02405 mg/L	0.003036	12.62%
Na 588.995†	54.5	0.01515 mg/L	0.012190	0.01515 mg/L	0.012190	80.45%
Na 589.592†	-1.8	-0.00047 mg/L	0.032801	-0.00047 mg/L	0.032801	>999.9%
Ni 221.648†	325.7	9.685 mg/L	0.0333	9.685 mg/L	0.0333	0.34%
Ni 231.604†	112830.4	9.966 mg/L	0.0605	9.966 mg/L	0.0605	0.61%
Ni 232.003†	640.0	9.666 mg/L	0.1854	9.666 mg/L	0.1854	1.92%
Pb 217.000†	0.8	0.07723 mg/L	0.069976	0.07723 mg/L	0.069976	90.60%
Pb 220.353†	-3.9	-0.00166 mg/L	0.001071	-0.00166 mg/L	0.001071	64.72%
Sb 206.836†	1.5	0.00092 mg/L	0.001285	0.00092 mg/L	0.001285	140.43%
Sb 217.582†	-0.3	-0.04805 mg/L	0.026577	-0.04805 mg/L	0.026577	55.31%
Se 196.026†	1.3	0.00150 mg/L	0.000560	0.00150 mg/L	0.000560	37.21%
Se 203.985†	1.7	0.00405 mg/L	0.005660	0.00405 mg/L	0.005660	139.85%
Sn 189.927†	-0.0	-0.00003 mg/L	0.000316	-0.00003 mg/L	0.000316	>999.9%
Sn 235.485†	-1.7	-0.06203 mg/L	0.057403	-0.06203 mg/L	0.057403	92.55%
Sr 407.771†	36.6	0.00036 mg/L	0.000030	0.00036 mg/L	0.000030	8.13%
Sr 421.552†	45.4	0.00028 mg/L	0.000085	0.00028 mg/L	0.000085	30.23%
Sr 460.733†	-110.8	-0.01538 mg/L	0.002004	-0.01538 mg/L	0.002004	13.03%
Ti 334.940†	1.2	0.00015 mg/L	0.000192	0.00015 mg/L	0.000192	130.40%
Ti 336.121†	-8.0	-0.00112 mg/L	0.000665	-0.00112 mg/L	0.000665	59.38%
Ti 337.279†	-5.9	-0.00213 mg/L	0.000302	-0.00213 mg/L	0.000302	14.19%
Tl 190.801†	0.8	0.00121 mg/L	0.000956	0.00121 mg/L	0.000956	78.77%
Tl 276.787†	-17.1	-0.00522 mg/L	0.003365	-0.00522 mg/L	0.003365	64.51%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%

V 290.880†	-3.0	-0.00311 mg/L	0.002144	-0.00311 mg/L	0.002144	68.92%
V 309.310†	4.0	0.00239 mg/L	0.001326	0.00239 mg/L	0.001326	55.48%
V 310.230†	-22.1	-0.00018 mg/L	0.000530	-0.00018 mg/L	0.000530	290.31%
Zn 202.548†	2.6	0.01128 mg/L	0.001143	0.01128 mg/L	0.001143	10.13%
Zn 206.200†	0.2	0.00299 mg/L	0.005479	0.00299 mg/L	0.005479	183.20%
Zn 213.857†	16.5	-0.00764 mg/L	0.001254	-0.00764 mg/L	0.001254	16.41%

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Sequence No.: 24 **Autosampler Location: 26**
Sample ID: SIC Ti **Date Collected: 8/30/01 10:54:47 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: SIC Ti

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123120.1						1815.94	1.47%
Y 360.073	2928349.4						13692.57	0.47%
Ag 328.068†	155.8	0.00097	mg/L	0.000451	0.00097	mg/L	0.000451	46.48%
Ag 338.289†	116.0	0.00136	mg/L	0.000371	0.00136	mg/L	0.000371	27.31%
Al 308.215†	13.9	0.06385	mg/L	0.004512	0.06385	mg/L	0.004512	7.07%
Al 394.401†	14.0	0.02978	mg/L	0.003228	0.02978	mg/L	0.003228	10.84%
Al 396.153†	36.3	0.02025	mg/L	0.006033	0.02025	mg/L	0.006033	29.80%
As 188.979†	0.4	0.1420	mg/L	0.29266	0.1420	mg/L	0.29266	206.13%
As 193.696†	1.1	0.00158	mg/L	0.001297	0.00158	mg/L	0.001297	82.16%
As 197.197†	0.2	0.08396	mg/L	0.400700	0.08396	mg/L	0.400700	477.27%
B 208.889†	0.4	0.01630	mg/L	0.058047	0.01630	mg/L	0.058047	356.21%
B 249.677†	-0.4	-0.00174	mg/L	0.005475	-0.00174	mg/L	0.005475	314.47%
B 249.772†	1.9	0.00366	mg/L	0.002152	0.00366	mg/L	0.002152	58.79%
Ba 233.527†	-0.4	-0.00064	mg/L	0.001241	-0.00064	mg/L	0.001241	192.41%
Ba 455.403†	2.6	0.00004	mg/L	0.000027	0.00004	mg/L	0.000027	63.14%
Ba 493.408†	61.3	0.00061	mg/L	0.000306	0.00061	mg/L	0.000306	50.52%
Be 234.861†	-65.1	-0.00024	mg/L	0.000031	-0.00024	mg/L	0.000031	12.87%
Be 313.042†	12.2	0.00052	mg/L	0.000071	0.00052	mg/L	0.000071	13.62%
Be 313.107†	12.2	0.00052	mg/L	0.000071	0.00052	mg/L	0.000071	13.62%
Ca 315.887†	33.9	0.03328	mg/L	0.003727	0.03328	mg/L	0.003727	11.20%
Ca 317.933†	34.7	0.03624	mg/L	0.006051	0.03624	mg/L	0.006051	16.70%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-0.7	-0.00003	mg/L	0.000036	-0.00003	mg/L	0.000036	135.07%
Cd 228.802†	-0.4	-0.00072	mg/L	0.000745	-0.00072	mg/L	0.000745	103.36%
Ce 413.380†	-2.1	-0.00213	mg/L	0.006706	-0.00213	mg/L	0.006706	315.49%
Ce 413.764†	-7.6	-0.00757	mg/L	0.007048	-0.00757	mg/L	0.007048	93.11%
Ce 418.660†	2.3	0.00112	mg/L	0.001061	0.00112	mg/L	0.001061	94.81%
Co 228.616†	250.4	0.00787	mg/L	0.000347	0.00787	mg/L	0.000347	4.41%
Co 230.786†	-0.1	-0.00077	mg/L	0.000575	-0.00077	mg/L	0.000575	74.91%
Co 238.892†	0.2	0.00079	mg/L	0.002080	0.00079	mg/L	0.002080	263.60%
Cr 205.560†	-0.1	-0.00423	mg/L	0.020824	-0.00423	mg/L	0.020824	492.62%
Cr 267.716†	27.1	0.00118	mg/L	0.000112	0.00118	mg/L	0.000112	9.48%
Cr 283.563†	0.8	0.00101	mg/L	0.000631	0.00101	mg/L	0.000631	62.27%
Cu 224.700†	0.6	0.00721	mg/L	0.007760	0.00721	mg/L	0.007760	107.63%
Cu 324.752†	-3.2	-0.00085	mg/L	0.000272	-0.00085	mg/L	0.000272	32.00%
Cu 327.393†	-39.0	-0.00076	mg/L	0.000772	-0.00076	mg/L	0.000772	101.45%
Fe 238.204†	7.8	0.01223	mg/L	0.001616	0.01223	mg/L	0.001616	13.22%
Fe 239.562†	5.7	0.01286	mg/L	0.003019	0.01286	mg/L	0.003019	23.48%
Fe 259.939†	13.0	0.01055	mg/L	0.001065	0.01055	mg/L	0.001065	10.10%
Fe 273.955†	3.0	0.01435	mg/L	0.007132	0.01435	mg/L	0.007132	49.68%
K 766.490†	-46.5	-0.1052	mg/L	0.03931	-0.1052	mg/L	0.03931	37.37%
Li 610.362†	20.4	0.00433	mg/L	0.020279	0.00433	mg/L	0.020279	468.62%
Li 670.784†	-2.5	-0.00006	mg/L	0.001111	-0.00006	mg/L	0.001111	>999.9%
Mg 279.077†	3.5	0.01809	mg/L	0.011680	0.01809	mg/L	0.011680	64.55%
Mg 280.271†	110.8	0.00351	mg/L	0.000059	0.00351	mg/L	0.000059	1.67%
Mg 285.213†	3.4	0.00371	mg/L	0.000323	0.00371	mg/L	0.000323	8.71%
Mn 257.610†	0.6	0.00010	mg/L	0.000165	0.00010	mg/L	0.000165	168.73%
Mn 259.372†	9.9	0.00108	mg/L	0.000923	0.00108	mg/L	0.000923	85.61%
Mn 260.568†	1.7	0.00043	mg/L	0.000581	0.00043	mg/L	0.000581	135.35%
Mo 202.031†	1.5	0.04991	mg/L	0.045143	0.04991	mg/L	0.045143	90.45%
Mo 203.845†	0.8	0.05219	mg/L	0.063232	0.05219	mg/L	0.063232	121.17%
Mo 204.597†	40.9	0.00659	mg/L	0.000222	0.00659	mg/L	0.000222	3.37%

Na 588.995†	-76.5	-0.02127 mg/L	0.013572	-0.02127 mg/L	0.013572	63.82%
Na 589.592†	-234.4	-0.06223 mg/L	0.006585	-0.06223 mg/L	0.006585	10.58%
Ni 221.648†	0.3	0.01031 mg/L	0.004878	0.01031 mg/L	0.004878	47.29%
Ni 231.604†	19.5	0.00172 mg/L	0.000420	0.00172 mg/L	0.000420	24.45%
Ni 232.003†	0.8	0.01141 mg/L	0.014557	0.01141 mg/L	0.014557	127.60%
Pb 217.000†	0.9	0.09495 mg/L	0.068253	0.09495 mg/L	0.068253	71.88%
Pb 220.353†	-2.6	-0.00109 mg/L	0.000579	-0.00109 mg/L	0.000579	52.93%
Sb 206.836†	-0.8	-0.00050 mg/L	0.001372	-0.00050 mg/L	0.001372	276.11%
Sb 217.582†	-0.2	-0.03169 mg/L	0.050771	-0.03169 mg/L	0.050771	160.23%
Se 196.026†	1.1	0.00130 mg/L	0.004755	0.00130 mg/L	0.004755	366.15%
Se 203.985†	0.1	0.00025 mg/L	0.002096	0.00025 mg/L	0.002096	855.18%
Sn 189.927†	-3.8	-0.00355 mg/L	0.002041	-0.00355 mg/L	0.002041	57.57%
Sn 235.485†	-0.9	-0.03236 mg/L	0.060829	-0.03236 mg/L	0.060829	188.00%
Sr 407.771†	35.1	0.00035 mg/L	0.000018	0.00035 mg/L	0.000018	5.09%
Sr 421.552†	26.9	0.00017 mg/L	0.000064	0.00017 mg/L	0.000064	38.51%
Sr 460.733†	-78.7	-0.01093 mg/L	0.001903	-0.01093 mg/L	0.001903	17.41%
Ti 334.940†	82934.3	9.885 mg/L	0.0206	9.885 mg/L	0.0206	0.21%
Ti 336.121†	70444.2	9.881 mg/L	0.0264	9.881 mg/L	0.0264	0.27%
Ti 337.279†	27399.6	9.885 mg/L	0.0248	9.885 mg/L	0.0248	0.25%
Tl 190.801†	-10.5	-0.01611 mg/L	0.003792	-0.01611 mg/L	0.003792	23.53%
Tl 276.787†	-11.1	-0.00338 mg/L	0.001851	-0.00338 mg/L	0.001851	54.76%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-4.2	-0.00438 mg/L	0.002223	-0.00438 mg/L	0.002223	50.78%
V 309.310†	4.1	0.00247 mg/L	0.000124	0.00247 mg/L	0.000124	4.99%
V 310.230†	607.3	0.00502 mg/L	0.000721	0.00502 mg/L	0.000721	14.36%
Zn 202.548†	1.4	0.00675 mg/L	0.002323	0.00675 mg/L	0.002323	34.40%
Zn 206.200†	0.2	0.00267 mg/L	0.011500	0.00267 mg/L	0.011500	431.48%
Zn 213.857†	-1.2	-0.00297 mg/L	0.000996	-0.00297 mg/L	0.000996	33.55%

Sequence No.: 25 **Autosampler Location: 17**
Sample ID: wash **Date Collected: 8/30/01 10:59:18 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124012.0						881.08	0.71%
Y 360.073	2908411.4						8293.23	0.29%
Ag 328.068†	44.5	0.00028	mg/L	0.000198	0.00028	mg/L	0.000198	71.32%
Ag 338.289†	34.1	0.00040	mg/L	0.001072	0.00040	mg/L	0.001072	268.50%
Al 308.215†	11.8	0.05386	mg/L	0.001894	0.05386	mg/L	0.001894	3.52%
Al 394.401†	15.5	0.03297	mg/L	0.002770	0.03297	mg/L	0.002770	8.40%
Al 396.153†	51.4	0.02999	mg/L	0.007790	0.02999	mg/L	0.007790	25.97%
As 188.979†	0.1	0.03134	mg/L	0.200665	0.03134	mg/L	0.200665	640.31%
As 193.696†	3.1	0.00435	mg/L	0.002223	0.00435	mg/L	0.002223	51.13%
As 197.197†	0.1	0.07247	mg/L	0.336212	0.07247	mg/L	0.336212	463.91%
B 208.889†	0.1	0.00590	mg/L	0.023978	0.00590	mg/L	0.023978	406.15%
B 249.677†	-0.9	-0.00383	mg/L	0.010210	-0.00383	mg/L	0.010210	266.79%
B 249.772†	-3.0	-0.00570	mg/L	0.002794	-0.00570	mg/L	0.002794	49.02%
Ba 233.527†	-0.2	-0.00029	mg/L	0.001841	-0.00029	mg/L	0.001841	638.88%
Ba 455.403†	-19.4	-0.00032	mg/L	0.000071	-0.00032	mg/L	0.000071	21.89%
Ba 493.408†	-17.4	-0.00017	mg/L	0.000163	-0.00017	mg/L	0.000163	94.70%
Be 234.861†	-30.9	-0.00011	mg/L	0.000071	-0.00011	mg/L	0.000071	62.31%
Be 313.042†	7.0	0.00030	mg/L	0.000065	0.00030	mg/L	0.000065	21.56%
Be 313.107†	7.0	0.00030	mg/L	0.000065	0.00030	mg/L	0.000065	21.56%
Ca 315.887†	38.0	0.03727	mg/L	0.009330	0.03727	mg/L	0.009330	25.03%
Ca 317.933†	41.3	0.04312	mg/L	0.001489	0.04312	mg/L	0.001489	3.45%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	1.0	0.00004	mg/L	0.000148	0.00004	mg/L	0.000148	387.01%
Cd 228.802†	-0.5	-0.00077	mg/L	0.001083	-0.00077	mg/L	0.001083	139.74%
Ce 413.380†	-3.3	-0.00332	mg/L	0.013675	-0.00332	mg/L	0.013675	411.34%
Ce 413.764†	-7.9	-0.00791	mg/L	0.009669	-0.00791	mg/L	0.009669	122.26%
Ce 418.660†	4.5	0.00219	mg/L	0.002900	0.00219	mg/L	0.002900	132.49%
Co 228.616†	57.1	0.00180	mg/L	0.000283	0.00180	mg/L	0.000283	15.77%
Co 230.786†	0.5	0.00375	mg/L	0.001189	0.00375	mg/L	0.001189	31.75%
Co 238.892†	1.1	0.00501	mg/L	0.002693	0.00501	mg/L	0.002693	53.77%

Cr 205.560†	-0.2	-0.00997	mg/L	0.019301	-0.00997	mg/L	0.019301	193.54%
Cr 267.716†	0.6	0.00003	mg/L	0.000133	0.00003	mg/L	0.000133	470.89%
Cr 283.563†	0.7	0.00079	mg/L	0.001126	0.00079	mg/L	0.001126	142.60%
Cu 224.700†	1.5	0.01673	mg/L	0.008728	0.01673	mg/L	0.008728	52.17%
Cu 324.752†	-8.9	-0.00234	mg/L	0.000683	-0.00234	mg/L	0.000683	29.22%
Cu 327.393†	-155.4	-0.00303	mg/L	0.000424	-0.00303	mg/L	0.000424	13.98%
Fe 238.204†	8.1	0.01267	mg/L	0.001926	0.01267	mg/L	0.001926	15.20%
Fe 239.562†	5.0	0.01143	mg/L	0.001257	0.01143	mg/L	0.001257	11.00%
Fe 259.939†	13.1	0.01059	mg/L	0.000548	0.01059	mg/L	0.000548	5.17%
Fe 273.955†	4.1	0.01950	mg/L	0.002293	0.01950	mg/L	0.002293	11.76%
K 766.490†	-124.5	-0.2816	mg/L	0.03454	-0.2816	mg/L	0.03454	12.26%
Li 610.362†	16.3	0.00346	mg/L	0.010092	0.00346	mg/L	0.010092	291.53%
Li 670.784†	-187.6	-0.00480	mg/L	0.002774	-0.00480	mg/L	0.002774	57.85%
Mg 279.077†	5.6	0.02847	mg/L	0.008548	0.02847	mg/L	0.008548	30.02%
Mg 280.271†	1112.5	0.03525	mg/L	0.000482	0.03525	mg/L	0.000482	1.37%
Mg 285.213†	33.9	0.03647	mg/L	0.001352	0.03647	mg/L	0.001352	3.71%
Mn 257.610†	-4.2	-0.00074	mg/L	0.000123	-0.00074	mg/L	0.000123	16.53%
Mn 259.372†	-3.2	-0.00059	mg/L	0.000637	-0.00059	mg/L	0.000637	107.83%
Mn 260.568†	-1.9	-0.00049	mg/L	0.000038	-0.00049	mg/L	0.000038	7.81%
Mo 202.031†	0.9	0.03048	mg/L	0.019485	0.03048	mg/L	0.019485	63.94%
Mo 203.845†	0.2	0.00938	mg/L	0.052124	0.00938	mg/L	0.052124	555.65%
Mo 204.597†	12.9	0.00207	mg/L	0.000288	0.00207	mg/L	0.000288	13.88%
Na 588.995†	-81.1	-0.02253	mg/L	0.014397	-0.02253	mg/L	0.014397	63.90%
Na 589.592†	-183.3	-0.04865	mg/L	0.013011	-0.04865	mg/L	0.013011	26.74%
Ni 221.648†	0.3	0.00764	mg/L	0.030266	0.00764	mg/L	0.030266	396.27%
Ni 231.604†	12.0	0.00106	mg/L	0.000691	0.00106	mg/L	0.000691	65.15%
Ni 232.003†	0.2	0.00346	mg/L	0.025457	0.00346	mg/L	0.025457	735.91%
Pb 217.000†	0.0	0.00481	mg/L	0.103637	0.00481	mg/L	0.103637	>999.9%
Pb 220.353†	-1.5	-0.00063	mg/L	0.001149	-0.00063	mg/L	0.001149	181.62%
Sb 206.836†	3.7	0.00229	mg/L	0.000617	0.00229	mg/L	0.000617	26.96%
Sb 217.582†	-0.2	-0.02586	mg/L	0.038580	-0.02586	mg/L	0.038580	149.19%
Se 196.026†	-1.8	-0.00202	mg/L	0.001136	-0.00202	mg/L	0.001136	56.30%
Se 203.985†	1.6	0.00380	mg/L	0.002918	0.00380	mg/L	0.002918	76.78%
Sn 189.927†	0.8	0.00077	mg/L	0.000794	0.00077	mg/L	0.000794	102.93%
Sn 235.485†	-1.0	-0.03797	mg/L	0.033275	-0.03797	mg/L	0.033275	87.63%
Sr 407.771†	-6.8	-0.00007	mg/L	0.000024	-0.00007	mg/L	0.000024	34.99%
Sr 421.552†	-30.3	-0.00019	mg/L	0.000147	-0.00019	mg/L	0.000147	78.10%
Sr 460.733†	-73.6	-0.01022	mg/L	0.008342	-0.01022	mg/L	0.008342	81.66%
Ti 334.940†	10.0	0.00120	mg/L	0.000070	0.00120	mg/L	0.000070	5.83%
Ti 336.121†	1.4	0.00020	mg/L	0.000395	0.00020	mg/L	0.000395	197.87%
Ti 337.279†	-2.6	-0.00095	mg/L	0.000070	-0.00095	mg/L	0.000070	7.42%
Tl 190.801†	2.4	0.00364	mg/L	0.002233	0.00364	mg/L	0.002233	61.35%
Tl 276.787†	0.4	0.00013	mg/L	0.001158	0.00013	mg/L	0.001158	889.77%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-3.2	-0.00335	mg/L	0.001080	-0.00335	mg/L	0.001080	32.27%
V 309.310†	5.2	0.00312	mg/L	0.000782	0.00312	mg/L	0.000782	25.03%
V 310.230†	272.0	0.00225	mg/L	0.000276	0.00225	mg/L	0.000276	12.28%
Zn 202.548†	-0.2	-0.00126	mg/L	0.002229	-0.00126	mg/L	0.002229	176.52%
Zn 206.200†	-0.1	-0.00153	mg/L	0.006913	-0.00153	mg/L	0.006913	452.08%
Zn 213.857†	-2.8	-0.00692	mg/L	0.002859	-0.00692	mg/L	0.002859	41.33%

Sequence No.: 26
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 11:04:15 AM
Sample Prep Volume:
Data Type: Original

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123453.8						2156.73	1.75%
Y 360.073	2887889.4						48691.09	1.69%
Ag 328.068†	44.2	0.00028	mg/L	0.000181	0.00028	mg/L	0.000181	65.66%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	-12.3	-0.00014	mg/L	0.000182	-0.00014	mg/L	0.000182	126.09%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	4.7	0.02173	mg/L	0.008309	0.02173	mg/L	0.008309	38.24%
QC value within limits for Al 308.215 Recovery = Not calculated								

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Al 394.401†                 1.9     0.00405 mg/L      0.002554     0.00405 mg/L      0.002554  63.04%
   QC value within limits for Al 394.401  Recovery = Not calculated
Al 396.153†                 2.3     0.00041 mg/L      0.003617     0.00041 mg/L      0.003617 892.74%
   QC value within limits for Al 396.153  Recovery = Not calculated
As 188.979†                -0.1    -0.03639 mg/L      0.086829    -0.03639 mg/L      0.086829 238.59%
   QC value within limits for As 188.979  Recovery = Not calculated
As 193.696†                 0.2     0.00026 mg/L      0.001682     0.00026 mg/L      0.001682 635.18%
   QC value within limits for As 193.696  Recovery = Not calculated
As 197.197†                 0.3      0.1542 mg/L       0.04009      0.1542 mg/L       0.04009  26.00%
   QC value within limits for As 197.197  Recovery = Not calculated
B 208.889†                  1.1     0.04389 mg/L      0.033215     0.04389 mg/L      0.033215  75.67%
   QC value within limits for B 208.889  Recovery = Not calculated
B 249.677†                 -0.2    -0.00090 mg/L      0.017442    -0.00090 mg/L      0.017442 >999.9%
   QC value within limits for B 249.677  Recovery = Not calculated
B 249.772†                 -1.6    -0.00298 mg/L      0.001808    -0.00298 mg/L      0.001808  60.57%
   QC value within limits for B 249.772  Recovery = Not calculated
Ba 233.527†                 0.1     0.00014 mg/L      0.000149     0.00014 mg/L      0.000149 104.04%
   QC value within limits for Ba 233.527  Recovery = Not calculated
Ba 455.403†                -7.9    -0.00013 mg/L      0.000034    -0.00013 mg/L      0.000034  26.03%
   QC value within limits for Ba 455.403  Recovery = Not calculated
Ba 493.408†               -38.1    -0.00038 mg/L      0.000399    -0.00038 mg/L      0.000399 106.17%
   QC value within limits for Ba 493.408  Recovery = Not calculated
Be 234.861†               -29.1    -0.00011 mg/L      0.000027    -0.00011 mg/L      0.000027  25.73%
   QC value within limits for Be 234.861  Recovery = Not calculated
Be 313.042†                 7.1     0.00030 mg/L      0.000124     0.00030 mg/L      0.000124  40.76%
   QC value within limits for Be 313.042  Recovery = Not calculated
Be 313.107†                 7.1     0.00030 mg/L      0.000124     0.00030 mg/L      0.000124  40.76%
   QC value within limits for Be 313.107  Recovery = Not calculated
Ca 315.887†                -3.8    -0.00372 mg/L      0.005125    -0.00372 mg/L      0.005125 137.73%
   QC value within limits for Ca 315.887  Recovery = Not calculated
Ca 317.933†                 6.1     0.00636 mg/L      0.003274     0.00636 mg/L      0.003274  51.50%
   QC value within limits for Ca 317.933  Recovery = Not calculated
Cd 214.440†                 0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Cd 214.440  Recovery = Not calculated
Cd 226.502†                -3.2    -0.00012 mg/L      0.000126    -0.00012 mg/L      0.000126 104.89%
   QC value within limits for Cd 226.502  Recovery = Not calculated
Cd 228.802†                 0.1     0.00015 mg/L      0.001360     0.00015 mg/L      0.001360 884.73%
   QC value within limits for Cd 228.802  Recovery = Not calculated
Ce 413.380†                 3.8     0.00376 mg/L      0.006010     0.00376 mg/L      0.006010 159.80%
   QC value within limits for Ce 413.380  Recovery = Not calculated
Ce 413.764†               -11.4    -0.01137 mg/L      0.004470    -0.01137 mg/L      0.004470  39.30%
   QC value within limits for Ce 413.764  Recovery = Not calculated
Ce 418.660†                -6.3    -0.00309 mg/L      0.001280    -0.00309 mg/L      0.001280  41.46%
   QC value within limits for Ce 418.660  Recovery = Not calculated
Co 228.616†                 2.2     0.00007 mg/L      0.000175     0.00007 mg/L      0.000175 256.37%
   QC value within limits for Co 228.616  Recovery = Not calculated
Co 230.786†                 0.0     0.00015 mg/L      0.001333     0.00015 mg/L      0.001333 916.01%
   QC value within limits for Co 230.786  Recovery = Not calculated
Co 238.892†                 0.4     0.00185 mg/L      0.002499     0.00185 mg/L      0.002499 135.29%
   QC value within limits for Co 238.892  Recovery = Not calculated
Cr 205.560†                -0.5    -0.02220 mg/L      0.001187    -0.02220 mg/L      0.001187   5.34%
   QC value within limits for Cr 205.560  Recovery = Not calculated
Cr 267.716†                 1.0     0.00004 mg/L      0.000058     0.00004 mg/L      0.000058 136.92%
   QC value within limits for Cr 267.716  Recovery = Not calculated
Cr 283.563†                 1.7     0.00210 mg/L      0.002574     0.00210 mg/L      0.002574 122.80%
   QC value within limits for Cr 283.563  Recovery = Not calculated
Cu 224.700†                 1.8     0.01968 mg/L      0.005778     0.01968 mg/L      0.005778  29.36%
   QC value within limits for Cu 224.700  Recovery = Not calculated
Cu 324.752†                -8.1    -0.00213 mg/L      0.000625    -0.00213 mg/L      0.000625  29.33%
   QC value within limits for Cu 324.752  Recovery = Not calculated
Cu 327.393†              -122.7    -0.00239 mg/L      0.000674    -0.00239 mg/L      0.000674  28.18%
   QC value within limits for Cu 327.393  Recovery = Not calculated
Fe 238.204†                 0.5     0.00075 mg/L      0.001173     0.00075 mg/L      0.001173 155.88%
   QC value within limits for Fe 238.204  Recovery = Not calculated
Fe 239.562†                 0.7     0.00150 mg/L      0.002550     0.00150 mg/L      0.002550 170.53%
   QC value within limits for Fe 239.562  Recovery = Not calculated
Fe 259.939†                 1.2     0.00095 mg/L      0.000505     0.00095 mg/L      0.000505  53.41%
   QC value within limits for Fe 259.939  Recovery = Not calculated
Fe 273.955†                 1.6     0.00762 mg/L      0.003570     0.00762 mg/L      0.003570  46.83%
   QC value within limits for Fe 273.955  Recovery = Not calculated
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K 766.490†	-110.8	-0.2506 mg/L	0.03508	-0.2506 mg/L	0.03508	14.00%
QC value within limits for K 766.490 Recovery = Not calculated						
Li 610.362†	-38.5	-0.00818 mg/L	0.006265	-0.00818 mg/L	0.006265	76.62%
QC value within limits for Li 610.362 Recovery = Not calculated						
Li 670.784†	-160.4	-0.00410 mg/L	0.000175	-0.00410 mg/L	0.000175	4.28%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	3.7	0.01881 mg/L	0.014144	0.01881 mg/L	0.014144	75.18%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mg 280.271†	-28.0	-0.00089 mg/L	0.000187	-0.00089 mg/L	0.000187	21.10%
QC value within limits for Mg 280.271 Recovery = Not calculated						
Mg 285.213†	-0.4	-0.00038 mg/L	0.001538	-0.00038 mg/L	0.001538	404.31%
QC value within limits for Mg 285.213 Recovery = Not calculated						
Mn 257.610†	-1.6	-0.00028 mg/L	0.000176	-0.00028 mg/L	0.000176	62.23%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mn 259.372†	3.5	0.00036 mg/L	0.000285	0.00036 mg/L	0.000285	79.13%
QC value within limits for Mn 259.372 Recovery = Not calculated						
Mn 260.568†	0.5	0.00012 mg/L	0.000071	0.00012 mg/L	0.000071	60.81%
QC value within limits for Mn 260.568 Recovery = Not calculated						
Mo 202.031†	0.7	0.02204 mg/L	0.058554	0.02204 mg/L	0.058554	265.71%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Mo 203.845†	0.9	0.05649 mg/L	0.095436	0.05649 mg/L	0.095436	168.94%
QC value within limits for Mo 203.845 Recovery = Not calculated						
Mo 204.597†	13.6	0.00220 mg/L	0.000251	0.00220 mg/L	0.000251	11.42%
QC value within limits for Mo 204.597 Recovery = Not calculated						
Na 588.995†	-219.2	-0.06091 mg/L	0.015283	-0.06091 mg/L	0.015283	25.09%
QC value within limits for Na 588.995 Recovery = Not calculated						
Na 589.592†	-331.0	-0.08786 mg/L	0.029318	-0.08786 mg/L	0.029318	33.37%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 221.648†	0.2	0.00658 mg/L	0.012026	0.00658 mg/L	0.012026	182.68%
QC value within limits for Ni 221.648 Recovery = Not calculated						
Ni 231.604†	-2.3	-0.00020 mg/L	0.000514	-0.00020 mg/L	0.000514	252.80%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Ni 232.003†	-0.0	-0.00066 mg/L	0.008420	-0.00066 mg/L	0.008420	>999.9%
QC value within limits for Ni 232.003 Recovery = Not calculated						
Pb 217.000†	0.0	0.00018 mg/L	0.035622	0.00018 mg/L	0.035622	>999.9%
QC value within limits for Pb 217.000 Recovery = Not calculated						
Pb 220.353†	-1.5	-0.00063 mg/L	0.001609	-0.00063 mg/L	0.001609	257.35%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-0.2	-0.00010 mg/L	0.000809	-0.00010 mg/L	0.000809	814.91%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Sb 217.582†	-0.0	-0.00521 mg/L	0.087765	-0.00521 mg/L	0.087765	>999.9%
QC value within limits for Sb 217.582 Recovery = Not calculated						
Se 196.026†	0.3	0.00039 mg/L	0.001632	0.00039 mg/L	0.001632	420.79%
QC value within limits for Se 196.026 Recovery = Not calculated						
Se 203.985†	-1.7	-0.00398 mg/L	0.004566	-0.00398 mg/L	0.004566	114.70%
QC value within limits for Se 203.985 Recovery = Not calculated						
Sn 189.927†	0.6	0.00052 mg/L	0.000653	0.00052 mg/L	0.000653	125.05%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sn 235.485†	-0.7	-0.02536 mg/L	0.032193	-0.02536 mg/L	0.032193	126.97%
QC value within limits for Sn 235.485 Recovery = Not calculated						
Sr 407.771†	-1.8	-0.00002 mg/L	0.000048	-0.00002 mg/L	0.000048	272.30%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Sr 421.552†	-8.4	-0.00005 mg/L	0.000074	-0.00005 mg/L	0.000074	142.24%
QC value within limits for Sr 421.552 Recovery = Not calculated						
Sr 460.733†	-66.2	-0.00919 mg/L	0.003185	-0.00919 mg/L	0.003185	34.68%
QC value within limits for Sr 460.733 Recovery = Not calculated						
Ti 334.940†	5.6	0.00067 mg/L	0.000185	0.00067 mg/L	0.000185	27.63%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Ti 336.121†	-1.6	-0.00022 mg/L	0.000248	-0.00022 mg/L	0.000248	112.62%
QC value within limits for Ti 336.121 Recovery = Not calculated						
Ti 337.279†	-5.8	-0.00208 mg/L	0.000520	-0.00208 mg/L	0.000520	24.95%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	0.4	0.00058 mg/L	0.003163	0.00058 mg/L	0.003163	541.49%
QC value within limits for Tl 190.801 Recovery = Not calculated						
Tl 276.787†	-0.1	-0.00004 mg/L	0.001249	-0.00004 mg/L	0.001249	>999.9%
QC value within limits for Tl 276.787 Recovery = Not calculated						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value within limits for Tl 351.924 Recovery = Not calculated						
V 290.880†	-4.5	-0.00462 mg/L	0.001469	-0.00462 mg/L	0.001469	31.80%
QC value within limits for V 290.880 Recovery = Not calculated						

```
V 309.310†                 3.9     0.00231 mg/L      0.000440     0.00231 mg/L      0.000440  19.06%
   QC value within limits for V 309.310  Recovery = Not calculated
V 310.230†               330.1     0.00273 mg/L      0.000871     0.00273 mg/L      0.000871  31.91%
   QC value within limits for V 310.230  Recovery = Not calculated
Zn 202.548†                0.2     0.00074 mg/L      0.000902     0.00074 mg/L      0.000902 121.71%
   QC value within limits for Zn 202.548  Recovery = Not calculated
Zn 206.200†                0.4     0.00436 mg/L      0.005333     0.00436 mg/L      0.005333 122.39%
   QC value within limits for Zn 206.200  Recovery = Not calculated
Zn 213.857†               -1.6    -0.00393 mg/L      0.004838    -0.00393 mg/L      0.004838 123.19%
   QC value within limits for Zn 213.857  Recovery = Not calculated
All analytes passed QC.
```

Sequence No.: 27
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 11:10:27 AM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123650.5						3254.46	2.63%
Y 360.073	2943179.9						37214.76	1.26%
Ag 328.068†	27340.0	0.1703	mg/L	0.00383	0.1703	mg/L	0.00383	2.25%
Ag 338.289†	14562.1	0.1706	mg/L	0.00329	0.1706	mg/L	0.00329	1.93%
Al 308.215†	226.0	1.035	mg/L	0.0159	1.035	mg/L	0.0159	1.53%
QC value within limits for Al 308.215 Recovery = 103.52%								
Al 394.401†	461.3	0.9808	mg/L	0.01508	0.9808	mg/L	0.01508	1.54%
QC value within limits for Al 394.401 Recovery = 98.08%								
Al 396.153†	1662.0	1.004	mg/L	0.0136	1.004	mg/L	0.0136	1.35%
QC value within limits for Al 396.153 Recovery = 100.37%								
As 188.979†	4.3	1.640	mg/L	0.5948	1.640	mg/L	0.5948	36.28%
QC value less than the lower limit for As 188.979 Recovery = 81.98%								
As 193.696†	1454.2	2.021	mg/L	0.0298	2.021	mg/L	0.0298	1.47%
QC value within limits for As 193.696 Recovery = 101.05%								
As 197.197†	4.4	2.352	mg/L	0.5261	2.352	mg/L	0.5261	22.37%
QC value greater than the upper limit for As 197.197 Recovery = 117.61%								
B 208.889†	22.1	0.9078	mg/L	0.07544	0.9078	mg/L	0.07544	8.31%
QC value within limits for B 208.889 Recovery = 90.78%								
B 249.677†	223.2	0.9066	mg/L	0.01420	0.9066	mg/L	0.01420	1.57%
QC value within limits for B 249.677 Recovery = 90.66%								
B 249.772†	468.9	0.8997	mg/L	0.02097	0.8997	mg/L	0.02097	2.33%
QC value less than the lower limit for B 249.772 Recovery = 89.97%								
Ba 233.527†	565.1	0.9738	mg/L	0.01779	0.9738	mg/L	0.01779	1.83%
QC value within limits for Ba 233.527 Recovery = 97.38%								
Ba 455.403†	58842.1	0.9811	mg/L	0.00366	0.9811	mg/L	0.00366	0.37%
QC value within limits for Ba 455.403 Recovery = 98.11%								
Ba 493.408†	99231.6	0.9789	mg/L	0.00175	0.9789	mg/L	0.00175	0.18%
QC value within limits for Ba 493.408 Recovery = 97.89%								
Be 234.861†	282076.9	1.034	mg/L	0.0220	1.034	mg/L	0.0220	2.13%
QC value within limits for Be 234.861 Recovery = 103.39%								
Be 313.042†	22782.0	0.9739	mg/L	0.00177	0.9739	mg/L	0.00177	0.18%
QC value within limits for Be 313.042 Recovery = 97.39%								
Be 313.107†	22782.0	0.9739	mg/L	0.00177	0.9739	mg/L	0.00177	0.18%
QC value within limits for Be 313.107 Recovery = 97.39%								
Ca 315.887†	1118.0	1.098	mg/L	0.0219	1.098	mg/L	0.0219	2.00%
QC value within limits for Ca 315.887 Recovery = 109.78%								
Ca 317.933†	957.6	0.9988	mg/L	0.02867	0.9988	mg/L	0.02867	2.87%
QC value within limits for Ca 317.933 Recovery = 99.88%								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%								
Cd 226.502†	26118.9	0.9783	mg/L	0.01945	0.9783	mg/L	0.01945	1.99%
QC value within limits for Cd 226.502 Recovery = 97.83%								
Cd 228.802†	579.7	0.9798	mg/L	0.02792	0.9798	mg/L	0.02792	2.85%
QC value within limits for Cd 228.802 Recovery = 97.98%								
Ce 413.380†	992.2	0.9938	mg/L	0.00408	0.9938	mg/L	0.00408	0.41%
QC value within limits for Ce 413.380 Recovery = 99.38%								
Ce 413.764†	970.6	0.9660	mg/L	0.01655	0.9660	mg/L	0.01655	1.71%

QC value within limits for Ce 413.764 Recovery = 96.60%

Ce 418.660†	2047.2	1.001 mg/L	0.0355	1.001 mg/L	0.0355	3.55%

QC value within limits for Ce 418.660 Recovery = 100.10%

Co 228.616†	31037.3	0.9757 mg/L	0.02083	0.9757 mg/L	0.02083	2.14%

QC value within limits for Co 228.616 Recovery = 97.57%

Co 230.786†	140.5	0.9635 mg/L	0.02196	0.9635 mg/L	0.02196	2.28%

QC value within limits for Co 230.786 Recovery = 96.35%

Co 238.892†	208.7	0.9596 mg/L	0.01505	0.9596 mg/L	0.01505	1.57%

QC value within limits for Co 238.892 Recovery = 95.96%

Cr 205.560†	21.9	0.9867 mg/L	0.02683	0.9867 mg/L	0.02683	2.72%

QC value within limits for Cr 205.560 Recovery = 98.67%

Cr 267.716†	22247.2	0.9666 mg/L	0.02036	0.9666 mg/L	0.02036	2.11%

QC value within limits for Cr 267.716 Recovery = 96.66%

Cr 283.563†	789.0	0.9466 mg/L	0.01815	0.9466 mg/L	0.01815	1.92%

QC value within limits for Cr 283.563 Recovery = 94.66%

Cu 224.700†	86.0	0.9594 mg/L	0.02334	0.9594 mg/L	0.02334	2.43%

QC value within limits for Cu 224.700 Recovery = 95.94%

Cu 324.752†	3597.2	0.9425 mg/L	0.00258	0.9425 mg/L	0.00258	0.27%

QC value within limits for Cu 324.752 Recovery = 94.25%

Cu 327.393†	48931.4	0.9544 mg/L	0.02339	0.9544 mg/L	0.02339	2.45%

QC value within limits for Cu 327.393 Recovery = 95.44%

Fe 238.204†	624.3	0.9824 mg/L	0.02142	0.9824 mg/L	0.02142	2.18%

QC value within limits for Fe 238.204 Recovery = 98.24%

Fe 239.562†	434.0	0.9857 mg/L	0.02407	0.9857 mg/L	0.02407	2.44%

QC value within limits for Fe 239.562 Recovery = 98.57%

Fe 259.939†	1218.8	0.9873 mg/L	0.02265	0.9873 mg/L	0.02265	2.29%

QC value within limits for Fe 259.939 Recovery = 98.73%

Fe 273.955†	229.0	1.094 mg/L	0.0202	1.094 mg/L	0.0202	1.84%

QC value within limits for Fe 273.955 Recovery = 109.42%

K 766.490†	2220.8	5.023 mg/L	0.0420	5.023 mg/L	0.0420	0.84%

QC value within limits for K 766.490 Recovery = 100.46%

Li 610.362†	4772.8	1.014 mg/L	0.0291	1.014 mg/L	0.0291	2.87%

QC value within limits for Li 610.362 Recovery = 101.37%

Li 670.784†	38583.3	0.9861 mg/L	0.00369	0.9861 mg/L	0.00369	0.37%

QC value within limits for Li 670.784 Recovery = 98.61%

Mg 279.077†	201.7	1.032 mg/L	0.0315	1.032 mg/L	0.0315	3.05%

QC value within limits for Mg 279.077 Recovery = 103.22%

Mg 280.271†	31777.6	1.007 mg/L	0.0053	1.007 mg/L	0.0053	0.53%

QC value within limits for Mg 280.271 Recovery = 100.70%

Mg 285.213†	932.2	1.004 mg/L	0.0212	1.004 mg/L	0.0212	2.11%

QC value within limits for Mg 285.213 Recovery = 100.39%

Mn 257.610†	5526.3	0.9751 mg/L	0.00376	0.9751 mg/L	0.00376	0.39%

QC value within limits for Mn 257.610 Recovery = 97.51%

Mn 259.372†	7270.2	0.9728 mg/L	0.00619	0.9728 mg/L	0.00619	0.64%

QC value within limits for Mn 259.372 Recovery = 97.28%

Mn 260.568†	3824.5	0.9800 mg/L	0.00334	0.9800 mg/L	0.00334	0.34%

QC value within limits for Mn 260.568 Recovery = 98.00%

Mo 202.031†	26.4	0.8815 mg/L	0.03144	0.8815 mg/L	0.03144	3.57%

QC value less than the lower limit for Mo 202.031 Recovery = 88.15%

Mo 203.845†	14.5	0.8997 mg/L	0.11015	0.8997 mg/L	0.11015	12.24%

QC value less than the lower limit for Mo 203.845 Recovery = 89.97%

Mo 204.597†	5340.5	0.8599 mg/L	0.01574	0.8599 mg/L	0.01574	1.83%

QC value less than the lower limit for Mo 204.597 Recovery = 85.99%

Na 588.995†	3475.1	0.9655 mg/L	0.04004	0.9655 mg/L	0.04004	4.15%
Na 589.592†	3674.9	0.9755 mg/L	0.01158	0.9755 mg/L	0.01158	1.19%
Ni 221.648†	31.9	0.9472 mg/L	0.05045	0.9472 mg/L	0.05045	5.33%

QC value within limits for Ni 221.648 Recovery = 94.72%

Ni 231.604†	11176.6	0.9872 mg/L	0.02431	0.9872 mg/L	0.02431	2.46%

QC value within limits for Ni 231.604 Recovery = 98.72%

Ni 232.003†	64.8	0.9792 mg/L	0.00634	0.9792 mg/L	0.00634	0.65%

QC value within limits for Ni 232.003 Recovery = 97.92%

Pb 217.000†	19.5	1.987 mg/L	0.1014	1.987 mg/L	0.1014	5.10%

QC value within limits for Pb 217.000 Recovery = 99.34%

Pb 220.353†	4688.7	1.988 mg/L	0.0396	1.988 mg/L	0.0396	1.99%

QC value within limits for Pb 220.353 Recovery = 99.39%

Sb 206.836†	2966.0	1.832 mg/L	0.0209	1.832 mg/L	0.0209	1.14%

QC value within limits for Sb 206.836 Recovery = 91.60%

Sb 217.582†	12.2	1.811 mg/L	0.1050	1.811 mg/L	0.1050	5.80%

QC value within limits for Sb 217.582 Recovery = 90.54%

Se 196.026†	937.4	1.066 mg/L	0.0213	1.066 mg/L	0.0213	2.00%

```
   QC value within limits for Se 196.026  Recovery = 106.61%
Se 203.985†              476.0       1.104 mg/L        0.0126       1.104 mg/L        0.0126   1.14%
   QC value greater than the upper limit for Se 203.985  Recovery = 110.36%
Sn 189.927†             4726.1       4.400 mg/L        0.0594       4.400 mg/L        0.0594   1.35%
   QC value less than the lower limit for Sn 189.927  Recovery = 88.01%
Sn 235.485†              122.9       4.452 mg/L        0.0536       4.452 mg/L        0.0536   1.21%
   QC value less than the lower limit for Sn 235.485  Recovery = 89.04%
Sr 407.771†            97205.0      0.9655 mg/L       0.00346      0.9655 mg/L       0.00346   0.36%
   QC value within limits for Sr 407.771  Recovery = 96.55%
Sr 421.552†           158260.8      0.9839 mg/L       0.00354      0.9839 mg/L       0.00354   0.36%
   QC value within limits for Sr 421.552  Recovery = 98.39%
Sr 460.733†             6850.9      0.9511 mg/L       0.00583      0.9511 mg/L       0.00583   0.61%
   QC value within limits for Sr 460.733  Recovery = 95.11%
Ti 334.940†             7399.3      0.8819 mg/L       0.00503      0.8819 mg/L       0.00503   0.57%
   QC value less than the lower limit for Ti 334.940  Recovery = 88.19%
Ti 336.121†             6266.4      0.8790 mg/L       0.00357      0.8790 mg/L       0.00357   0.41%
   QC value less than the lower limit for Ti 336.121  Recovery = 87.90%
Ti 337.279†             2432.4      0.8776 mg/L       0.00512      0.8776 mg/L       0.00512   0.58%
   QC value less than the lower limit for Ti 337.279  Recovery = 87.76%
Tl 190.801†             3306.8       5.051 mg/L        0.0677       5.051 mg/L        0.0677   1.34%
   QC value within limits for Tl 190.801  Recovery = 101.02%
Tl 276.787†            15529.3       4.726 mg/L        0.0976       4.726 mg/L        0.0976   2.07%
   QC value within limits for Tl 276.787  Recovery = 94.52%
Tl 351.924†                0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value less than the lower limit for Tl 351.924  Recovery = 0.00%
V 290.880†               932.1      0.9664 mg/L       0.02020      0.9664 mg/L       0.02020   2.09%
   QC value within limits for V 290.880  Recovery = 96.64%
V 309.310†              1614.0      0.9651 mg/L       0.02572      0.9651 mg/L       0.02572   2.67%
   QC value within limits for V 309.310  Recovery = 96.51%
V 310.230†            117749.2      0.9733 mg/L       0.02238      0.9733 mg/L       0.02238   2.30%
   QC value within limits for V 310.230  Recovery = 97.33%
Zn 202.548†              201.5      0.9543 mg/L       0.02116      0.9543 mg/L       0.02116   2.22%
   QC value within limits for Zn 202.548  Recovery = 95.43%
Zn 206.200†               79.1      0.9610 mg/L       0.03136      0.9610 mg/L       0.03136   3.26%
   QC value within limits for Zn 206.200  Recovery = 96.10%
Zn 213.857†              382.7      0.9542 mg/L       0.02724      0.9542 mg/L       0.02724   2.85%
   QC value within limits for Zn 213.857  Recovery = 95.42%
QC Failed.  Continue with analysis.
```

Sequence No.: 28 | **Autosampler Location: 3**
Sample ID: LCM2 | **Date Collected: 8/30/01 11:14:57 AM**
Analyst:
Sample Wt: | **Sample Prep Volume:**
Dilution: | **Data Type: Original**

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	122370.9						2894.59	2.37%
Y 360.073	2892208.7						26213.06	0.91%
Ag 328.068†	7782.3	0.04847	mg/L	0.000309	0.04847	mg/L	0.000309	0.64%
QC value within limits for Ag 328.068 Recovery = 96.94%								
Ag 338.289†	4130.1	0.04839	mg/L	0.000687	0.04839	mg/L	0.000687	1.42%
QC value within limits for Ag 338.289 Recovery = 96.78%								
Al 308.215†	7.5	0.03417	mg/L	0.002583	0.03417	mg/L	0.002583	7.56%
Al 394.401†	8.5	0.01797	mg/L	0.003919	0.01797	mg/L	0.003919	21.82%
Al 396.153†	16.3	0.00849	mg/L	0.006470	0.00849	mg/L	0.006470	76.21%
As 188.979†	-0.6	-0.2332	mg/L	0.41074	-0.2332	mg/L	0.41074	176.10%
As 193.696†	-0.0	-0.00005	mg/L	0.004287	-0.00005	mg/L	0.004287	>999.9%
As 197.197†	-0.0	-0.00178	mg/L	0.104940	-0.00178	mg/L	0.104940	>999.9%
B 208.889†	1.3	0.05164	mg/L	0.043626	0.05164	mg/L	0.043626	84.48%
B 249.677†	5.2	0.02101	mg/L	0.015079	0.02101	mg/L	0.015079	71.79%
B 249.772†	7.5	0.01432	mg/L	0.001751	0.01432	mg/L	0.001751	12.23%
Ba 233.527†	0.9	0.00148	mg/L	0.000364	0.00148	mg/L	0.000364	24.68%
Ba 455.403†	15.2	0.00025	mg/L	0.000033	0.00025	mg/L	0.000033	13.02%
Ba 493.408†	59.3	0.00059	mg/L	0.000332	0.00059	mg/L	0.000332	56.78%
Be 234.861†	7.7	0.00003	mg/L	0.000037	0.00003	mg/L	0.000037	131.27%
Be 313.042†	9.8	0.00042	mg/L	0.000138	0.00042	mg/L	0.000138	33.20%

Be 313.107†	9.8	0.00042 mg/L	0.000138	0.00042 mg/L	0.000138	33.20%
Ca 315.887†	39.1	0.03837 mg/L	0.004712	0.03837 mg/L	0.004712	12.28%
Ca 317.933†	35.4	0.03696 mg/L	0.003307	0.03696 mg/L	0.003307	8.95%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	8.5	0.00032 mg/L	0.000017	0.00032 mg/L	0.000017	5.25%
Cd 228.802†	0.3	0.00043 mg/L	0.000139	0.00043 mg/L	0.000139	32.32%
Ce 413.380†	-1.5	-0.00153 mg/L	0.011069	-0.00153 mg/L	0.011069	725.44%
Ce 413.764†	-7.6	-0.00752 mg/L	0.004666	-0.00752 mg/L	0.004666	62.08%
Ce 418.660†	7.9	0.00387 mg/L	0.013033	0.00387 mg/L	0.013033	337.06%
Co 228.616†	-8.8	-0.00028 mg/L	0.000112	-0.00028 mg/L	0.000112	40.49%
Co 230.786†	0.2	0.00123 mg/L	0.000960	0.00123 mg/L	0.000960	78.04%
Co 238.892†	0.9	0.00407 mg/L	0.000956	0.00407 mg/L	0.000956	23.46%
Cr 205.560†	-0.3	-0.01138 mg/L	0.019210	-0.01138 mg/L	0.019210	168.82%
Cr 267.716†	10.1	0.00044 mg/L	0.000152	0.00044 mg/L	0.000152	34.44%
Cr 283.563†	0.4	0.00049 mg/L	0.001856	0.00049 mg/L	0.001856	380.75%
Cu 224.700†	1.4	0.01577 mg/L	0.008111	0.01577 mg/L	0.008111	51.44%
Cu 324.752†	-3.3	-0.00085 mg/L	0.000955	-0.00085 mg/L	0.000955	111.90%
Cu 327.393†	-27.1	-0.00053 mg/L	0.000135	-0.00053 mg/L	0.000135	25.51%
Fe 238.204†	2.1	0.00333 mg/L	0.001176	0.00333 mg/L	0.001176	35.36%
Fe 239.562†	1.3	0.00298 mg/L	0.000886	0.00298 mg/L	0.000886	29.72%
Fe 259.939†	3.1	0.00254 mg/L	0.000788	0.00254 mg/L	0.000788	31.00%
Fe 273.955†	0.6	0.00297 mg/L	0.007773	0.00297 mg/L	0.007773	261.95%
K 766.490†	-43.4	-0.09813 mg/L	0.027512	-0.09813 mg/L	0.027512	28.04%
Li 610.362†	-32.7	-0.00694 mg/L	0.024986	-0.00694 mg/L	0.024986	360.13%
Li 670.784†	109.9	0.00281 mg/L	0.000840	0.00281 mg/L	0.000840	29.90%
Mg 279.077†	-3.7	-0.01873 mg/L	0.028725	-0.01873 mg/L	0.028725	153.40%
Mg 280.271†	216.6	0.00686 mg/L	0.000212	0.00686 mg/L	0.000212	3.08%
Mg 285.213†	7.2	0.00775 mg/L	0.001309	0.00775 mg/L	0.001309	16.89%
Mn 257.610†	0.3	0.00005 mg/L	0.000030	0.00005 mg/L	0.000030	65.58%
Mn 259.372†	3.2	0.00025 mg/L	0.000556	0.00025 mg/L	0.000556	224.32%
Mn 260.568†	0.9	0.00023 mg/L	0.000473	0.00023 mg/L	0.000473	204.12%
Mo 202.031†	1.2	0.03880 mg/L	0.015405	0.03880 mg/L	0.015405	39.70%
Mo 203.845†	0.5	0.03212 mg/L	0.108752	0.03212 mg/L	0.108752	338.61%
Mo 204.597†	21.3	0.00342 mg/L	0.000601	0.00342 mg/L	0.000601	17.56%
Na 588.995†	-171.3	-0.04759 mg/L	0.023761	-0.04759 mg/L	0.023761	49.93%
Na 589.592†	-197.9	-0.05252 mg/L	0.004829	-0.05252 mg/L	0.004829	9.19%
Ni 221.648†	0.3	0.00836 mg/L	0.015556	0.00836 mg/L	0.015556	186.02%
Ni 231.604†	8.2	0.00072 mg/L	0.000289	0.00072 mg/L	0.000289	40.20%
Ni 232.003†	0.2	0.00272 mg/L	0.009647	0.00272 mg/L	0.009647	354.24%
Pb 217.000†	0.5	0.05346 mg/L	0.054023	0.05346 mg/L	0.054023	101.06%
Pb 220.353†	4.3	0.00181 mg/L	0.000621	0.00181 mg/L	0.000621	34.35%
Sb 206.836†	-0.4	-0.00026 mg/L	0.001481	-0.00026 mg/L	0.001481	568.28%
Sb 217.582†	-0.1	-0.01653 mg/L	0.088973	-0.01653 mg/L	0.088973	538.12%
Se 196.026†	4.1	0.00470 mg/L	0.003463	0.00470 mg/L	0.003463	73.63%
Se 203.985†	2.5	0.00571 mg/L	0.003284	0.00571 mg/L	0.003284	57.55%
Sn 189.927†	2.0	0.00186 mg/L	0.000397	0.00186 mg/L	0.000397	21.29%
Sn 235.485†	-3.7	-0.1346 mg/L	0.03680	-0.1346 mg/L	0.03680	27.34%
Sr 407.771†	29.7	0.00030 mg/L	0.000068	0.00030 mg/L	0.000068	23.07%
Sr 421.552†	27.6	0.00017 mg/L	0.000111	0.00017 mg/L	0.000111	64.83%
Sr 460.733†	-51.2	-0.00711 mg/L	0.001633	-0.00711 mg/L	0.001633	22.96%
Ti 334.940†	4.7	0.00056 mg/L	0.000096	0.00056 mg/L	0.000096	17.08%
Ti 336.121†	-1.6	-0.00022 mg/L	0.000242	-0.00022 mg/L	0.000242	107.66%
Ti 337.279†	-5.1	-0.00185 mg/L	0.000515	-0.00185 mg/L	0.000515	27.90%
Tl 190.801†	2.3	0.00354 mg/L	0.001479	0.00354 mg/L	0.001479	41.73%
Tl 276.787†	11.6	0.00352 mg/L	0.003975	0.00352 mg/L	0.003975	112.82%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.3	-0.00346 mg/L	0.001760	-0.00346 mg/L	0.001760	50.90%
V 309.310†	4.1	0.00245 mg/L	0.000532	0.00245 mg/L	0.000532	21.71%
V 310.230†	301.2	0.00249 mg/L	0.001210	0.00249 mg/L	0.001210	48.58%
Zn 202.548†	2.5	0.01204 mg/L	0.008765	0.01204 mg/L	0.008765	72.81%
Zn 206.200†	1.1	0.01377 mg/L	0.003854	0.01377 mg/L	0.003854	28.00%
Zn 213.857†	2.6	0.00659 mg/L	0.003258	0.00659 mg/L	0.003258	49.41%

All analytes passed QC.

Sequence No.: 29
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 11:19:25 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120749.3						559.64	0.46%
Y 360.073	2818437.7						13056.22	0.46%
Ag 328.068†	-82.0	-0.00051	mg/L	0.000166	-0.00051	mg/L	0.000166	32.42%
Ag 338.289†	118.0	0.00138	mg/L	0.000043	0.00138	mg/L	0.000043	3.10%
Al 308.215†	20877.1	95.64	mg/L	2.014	95.64	mg/L	2.014	2.11%
QC value within limits for Al 308.215 Recovery = 95.64%								
Al 394.401†	45023.5	95.72	mg/L	1.981	95.72	mg/L	1.981	2.07%
Al 396.153†	157640.5	95.58	mg/L	0.485	95.58	mg/L	0.485	0.51%
As 188.979†	-0.1	-0.05407	mg/L	0.480864	-0.05407	mg/L	0.480864	889.36%
As 193.696†	-0.4	-0.00062	mg/L	0.000777	-0.00062	mg/L	0.000777	125.18%
As 197.197†	-0.5	-0.2672	mg/L	0.15453	-0.2672	mg/L	0.15453	57.83%
B 208.889†	1.2	0.05101	mg/L	0.071277	0.05101	mg/L	0.071277	139.74%
B 249.677†	-0.2	-0.00093	mg/L	0.000883	-0.00093	mg/L	0.000883	95.13%
B 249.772†	81.4	0.1561	mg/L	0.00436	0.1561	mg/L	0.00436	2.79%
Ba 233.527†	0.5	0.00094	mg/L	0.000457	0.00094	mg/L	0.000457	48.65%
Ba 455.403†	16.6	0.00028	mg/L	0.000040	0.00028	mg/L	0.000040	14.46%
Ba 493.408†	111.8	0.00110	mg/L	0.000158	0.00110	mg/L	0.000158	14.33%
Be 234.861†	-173201.8	-0.6348	mg/L	0.00457	-0.6348	mg/L	0.00457	0.72%
Be 313.042†	12.1	0.00052	mg/L	0.000038	0.00052	mg/L	0.000038	7.41%
Be 313.107†	12.1	0.00052	mg/L	0.000038	0.00052	mg/L	0.000038	7.41%
Ca 315.887†	103716.5	101.8	mg/L	2.11	101.8	mg/L	2.11	2.07%
QC value within limits for Ca 315.887 Recovery = 101.84%								
Ca 317.933†	88475.3	92.28	mg/L	0.442	92.28	mg/L	0.442	0.48%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	69.6	0.00261	mg/L	0.000076	0.00261	mg/L	0.000076	2.90%
Cd 228.802†	0.3	0.00058	mg/L	0.001327	0.00058	mg/L	0.001327	230.37%
Ce 413.380†	22.1	0.02213	mg/L	0.009053	0.02213	mg/L	0.009053	40.90%
Ce 413.764†	-5.5	-0.00552	mg/L	0.007870	-0.00552	mg/L	0.007870	142.69%
Ce 418.660†	32.7	0.01600	mg/L	0.006604	0.01600	mg/L	0.006604	41.27%
Co 228.616†	-63.5	-0.00199	mg/L	0.000379	-0.00199	mg/L	0.000379	18.98%
Co 230.786†	-0.7	-0.00513	mg/L	0.006883	-0.00513	mg/L	0.006883	134.10%
Co 238.892†	-19.6	-0.09001	mg/L	0.022006	-0.09001	mg/L	0.022006	24.45%
Cr 205.560†	-1.1	-0.04876	mg/L	0.014249	-0.04876	mg/L	0.014249	29.22%
Cr 267.716†	-26.2	-0.00114	mg/L	0.000115	-0.00114	mg/L	0.000115	10.11%
Cr 283.563†	27.4	0.03293	mg/L	0.003481	0.03293	mg/L	0.003481	10.57%
Cu 224.700†	3.0	0.03366	mg/L	0.002922	0.03366	mg/L	0.002922	8.68%
Cu 324.752†	2.5	0.00066	mg/L	0.000409	0.00066	mg/L	0.000409	61.76%
Cu 327.393†	86.1	0.00168	mg/L	0.000450	0.00168	mg/L	0.000450	26.79%
Fe 238.204†	58136.2	91.49	mg/L	0.335	91.49	mg/L	0.335	0.37%
Fe 239.562†	40309.5	91.54	mg/L	2.082	91.54	mg/L	2.082	2.27%
Fe 259.939†	113900.7	92.26	mg/L	0.392	92.26	mg/L	0.392	0.43%
Fe 273.955†	21369.4	102.1	mg/L	2.01	102.1	mg/L	2.01	1.97%
QC value within limits for Fe 273.955 Recovery = 102.08%								
K 766.490†	44886.3	101.5	mg/L	2.23	101.5	mg/L	2.23	2.20%
QC value within limits for K 766.490 Recovery = 101.52%								
Li 610.362†	-259.2	-0.05505	mg/L	0.011974	-0.05505	mg/L	0.011974	21.75%
Li 670.784†	268.0	0.00685	mg/L	0.002823	0.00685	mg/L	0.002823	41.21%
Mg 279.077†	11391.5	58.30	mg/L	0.938	58.30	mg/L	0.938	1.61%
QC value within limits for Mg 279.077 Recovery = 97.17%								
Mg 280.271†	1718836.4	54.47	mg/L	0.175	54.47	mg/L	0.175	0.32%
Mg 285.213†	50494.5	54.38	mg/L	0.183	54.38	mg/L	0.183	0.34%
Mn 257.610†	15.7	0.00277	mg/L	0.000613	0.00277	mg/L	0.000613	22.08%
Mn 259.372†	792.0	0.00189	mg/L	0.001389	0.00189	mg/L	0.001389	73.55%
Mn 260.568†	3.4	0.00087	mg/L	0.000281	0.00087	mg/L	0.000281	32.33%
Mo 202.031†	-2.7	-0.08884	mg/L	0.020714	-0.08884	mg/L	0.020714	23.32%
Mo 203.845†	0.6	0.03961	mg/L	0.047869	0.03961	mg/L	0.047869	120.86%
Mo 204.597†	23.5	0.00378	mg/L	0.000228	0.00378	mg/L	0.000228	6.03%
Na 588.995†	336142.6	93.39	mg/L	0.200	93.39	mg/L	0.200	0.21%
Na 589.592†	375513.8	99.68	mg/L	0.269	99.68	mg/L	0.269	0.27%
QC value within limits for Na 589.592 Recovery = 99.68%								
Ni 221.648†	0.9	0.02593	mg/L	0.019983	0.02593	mg/L	0.019983	77.06%
Ni 231.604†	21.5	0.00189	mg/L	0.000311	0.00189	mg/L	0.000311	16.39%
Ni 232.003†	0.4	0.00590	mg/L	0.009517	0.00590	mg/L	0.009517	161.22%
Pb 217.000†	-0.4	-0.04095	mg/L	0.107791	-0.04095	mg/L	0.107791	263.26%
Pb 220.353†	4.8	0.00204	mg/L	0.000795	0.00204	mg/L	0.000795	38.95%

Sb 206.836†	4.4	0.00270 mg/L	0.001304	0.00270 mg/L	0.001304	48.29%
Sb 217.582†	1.3	0.1887 mg/L	0.07719	0.1887 mg/L	0.07719	40.91%
Se 196.026†	-26.4	-0.03004 mg/L	0.001765	-0.03004 mg/L	0.001765	5.88%
Se 203.985†	9.0	0.02080 mg/L	0.002525	0.02080 mg/L	0.002525	12.14%
Sn 189.927†	-7.6	-0.00704 mg/L	0.002601	-0.00704 mg/L	0.002601	36.96%
Sn 235.485†	361.2	13.09 mg/L	0.385	13.09 mg/L	0.385	2.94%
Sr 407.771†	263.8	0.00262 mg/L	0.000028	0.00262 mg/L	0.000028	1.07%
Sr 421.552†	484.8	0.00301 mg/L	0.000241	0.00301 mg/L	0.000241	8.00%
Sr 460.733†	-27.0	-0.00374 mg/L	0.001690	-0.00374 mg/L	0.001690	45.17%
Ti 334.940†	10.1	0.00120 mg/L	0.000049	0.00120 mg/L	0.000049	4.10%
Ti 336.121†	3.8	0.00053 mg/L	0.000329	0.00053 mg/L	0.000329	61.76%
Ti 337.279†	1.5	0.00052 mg/L	0.000557	0.00052 mg/L	0.000557	106.45%
Tl 190.801†	2.3	0.00357 mg/L	0.002174	0.00357 mg/L	0.002174	60.94%
Tl 276.787†	8382.6	2.551 mg/L	0.0516	2.551 mg/L	0.0516	2.02%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-5.5	-0.00571 mg/L	0.003130	-0.00571 mg/L	0.003130	54.77%
V 309.310†	2.6	0.00157 mg/L	0.002850	0.00157 mg/L	0.002850	181.04%
V 310.230†	689.6	0.00570 mg/L	0.000172	0.00570 mg/L	0.000172	3.01%
Zn 202.548†	4.3	0.01657 mg/L	0.016660	0.01657 mg/L	0.016660	100.52%
Zn 206.200†	-2.2	-0.02618 mg/L	0.002360	-0.02618 mg/L	0.002360	9.01%
Zn 213.857†	16.6	0.03273 mg/L	0.001353	0.03273 mg/L	0.001353	4.13%

All analytes passed QC.

Sequence No.: 30
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 8/30/01 11:24:04 AM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	124405.2						1900.46	1.53%
Y 360.073	2916168.5						40225.43	1.38%
Ag 328.068†	63.7	0.00040	mg/L	0.000324	0.00040	mg/L	0.000324	81.84%
Ag 338.289†	29.6	0.00035	mg/L	0.000652	0.00035	mg/L	0.000652	187.81%
Al 308.215†	7.3	0.03327	mg/L	0.019521	0.03327	mg/L	0.019521	58.68%
Al 394.401†	10.9	0.02324	mg/L	0.002317	0.02324	mg/L	0.002317	9.97%
Al 396.153†	20.0	0.01050	mg/L	0.004733	0.01050	mg/L	0.004733	45.07%
As 188.979†	-0.3	-0.1344	mg/L	0.04042	-0.1344	mg/L	0.04042	30.08%
As 193.696†	0.6	0.00085	mg/L	0.001886	0.00085	mg/L	0.001886	221.81%
As 197.197†	0.0	0.01577	mg/L	0.467204	0.01577	mg/L	0.467204	>999.9%
B 208.889†	1.0	0.04219	mg/L	0.057755	0.04219	mg/L	0.057755	136.90%
B 249.677†	0.2	0.00099	mg/L	0.004311	0.00099	mg/L	0.004311	436.38%
B 249.772†	-0.1	-0.00014	mg/L	0.002397	-0.00014	mg/L	0.002397	>999.9%
Ba 233.527†	0.2	0.00035	mg/L	0.000165	0.00035	mg/L	0.000165	47.22%
Ba 455.403†	-19.9	-0.00033	mg/L	0.000039	-0.00033	mg/L	0.000039	11.79%
Ba 493.408†	-14.7	-0.00014	mg/L	0.000148	-0.00014	mg/L	0.000148	102.08%
Be 234.861†	-16.1	-0.00006	mg/L	0.000008	-0.00006	mg/L	0.000008	13.75%
Be 313.042†	6.9	0.00029	mg/L	0.000102	0.00029	mg/L	0.000102	34.67%
Be 313.107†	6.9	0.00029	mg/L	0.000102	0.00029	mg/L	0.000102	34.67%
Ca 315.887†	9.4	0.00923	mg/L	0.004591	0.00923	mg/L	0.004591	49.72%
Ca 317.933†	12.5	0.01306	mg/L	0.002062	0.01306	mg/L	0.002062	15.79%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	0.1	0.00000	mg/L	0.000048	0.00000	mg/L	0.000048	992.24%
Cd 228.802†	0.3	0.00059	mg/L	0.001915	0.00059	mg/L	0.001915	324.33%
Ce 413.380†	9.1	0.00915	mg/L	0.004273	0.00915	mg/L	0.004273	46.68%
Ce 413.764†	-2.6	-0.00262	mg/L	0.011955	-0.00262	mg/L	0.011955	456.47%
Ce 418.660†	5.4	0.00266	mg/L	0.008858	0.00266	mg/L	0.008858	332.48%
Co 228.616†	-17.2	-0.00054	mg/L	0.000360	-0.00054	mg/L	0.000360	66.57%
Co 230.786†	-0.4	-0.00247	mg/L	0.000839	-0.00247	mg/L	0.000839	33.92%
Co 238.892†	0.4	0.00168	mg/L	0.001358	0.00168	mg/L	0.001358	80.80%
Cr 205.560†	-0.0	-0.00190	mg/L	0.019978	-0.00190	mg/L	0.019978	>999.9%
Cr 267.716†	0.1	0.00000	mg/L	0.000079	0.00000	mg/L	0.000079	>999.9%
Cr 283.563†	-0.1	-0.00012	mg/L	0.001962	-0.00012	mg/L	0.001962	>999.9%
Cu 224.700†	1.2	0.01380	mg/L	0.006983	0.01380	mg/L	0.006983	50.62%
Cu 324.752†	-10.6	-0.00278	mg/L	0.000946	-0.00278	mg/L	0.000946	33.96%
Cu 327.393†	-164.2	-0.00320	mg/L	0.000306	-0.00320	mg/L	0.000306	9.56%

Fe 238.204†	8.6	0.01346 mg/L	0.004453	0.01346 mg/L	0.004453	33.09%
Fe 239.562†	5.9	0.01347 mg/L	0.002232	0.01347 mg/L	0.002232	16.57%
Fe 259.939†	14.7	0.01192 mg/L	0.001093	0.01192 mg/L	0.001093	9.17%
Fe 273.955†	2.9	0.01407 mg/L	0.003656	0.01407 mg/L	0.003656	25.98%
K 766.490†	4.4	0.01006 mg/L	0.021705	0.01006 mg/L	0.021705	215.73%
Li 610.362†	68.4	0.01453 mg/L	0.018743	0.01453 mg/L	0.018743	128.97%
Li 670.784†	-187.6	-0.00480 mg/L	0.000986	-0.00480 mg/L	0.000986	20.55%
Mg 279.077†	2.9	0.01494 mg/L	0.007798	0.01494 mg/L	0.007798	52.20%
Mg 280.271†	319.9	0.01014 mg/L	0.001356	0.01014 mg/L	0.001356	13.38%
Mg 285.213†	10.2	0.01097 mg/L	0.002089	0.01097 mg/L	0.002089	19.05%
Mn 257.610†	-2.0	-0.00036 mg/L	0.000164	-0.00036 mg/L	0.000164	45.80%
Mn 259.372†	2.1	0.00003 mg/L	0.000594	0.00003 mg/L	0.000594	>999.9%
Mn 260.568†	0.2	0.00005 mg/L	0.000248	0.00005 mg/L	0.000248	480.40%
Mo 202.031†	1.5	0.04999 mg/L	0.038203	0.04999 mg/L	0.038203	76.42%
Mo 203.845†	-1.0	-0.05918 mg/L	0.029413	-0.05918 mg/L	0.029413	49.70%
Mo 204.597†	3.7	0.00060 mg/L	0.000319	0.00060 mg/L	0.000319	53.14%
Na 588.995†	175.4	0.04873 mg/L	0.022494	0.04873 mg/L	0.022494	46.16%
Na 589.592†	19.7	0.00524 mg/L	0.002973	0.00524 mg/L	0.002973	56.73%
Ni 221.648†	0.1	0.00326 mg/L	0.026284	0.00326 mg/L	0.026284	805.97%
Ni 231.604†	5.7	0.00050 mg/L	0.000213	0.00050 mg/L	0.000213	42.22%
Ni 232.003†	0.3	0.00463 mg/L	0.006774	0.00463 mg/L	0.006774	146.17%
Pb 217.000†	-0.3	-0.02940 mg/L	0.085050	-0.02940 mg/L	0.085050	289.30%
Pb 220.353†	-0.7	-0.00028 mg/L	0.001189	-0.00028 mg/L	0.001189	431.41%
Sb 206.836†	3.2	0.00200 mg/L	0.001806	0.00200 mg/L	0.001806	90.51%
Sb 217.582†	-0.7	-0.1062 mg/L	0.05051	-0.1062 mg/L	0.05051	47.57%
Se 196.026†	2.5	0.00283 mg/L	0.003064	0.00283 mg/L	0.003064	108.19%
Se 203.985†	1.6	0.00378 mg/L	0.003544	0.00378 mg/L	0.003544	93.82%
Sn 189.927†	1.1	0.00103 mg/L	0.001828	0.00103 mg/L	0.001828	177.82%
Sn 235.485†	-2.2	-0.07802 mg/L	0.023103	-0.07802 mg/L	0.023103	29.61%
Sr 407.771†	-3.5	-0.00003 mg/L	0.000025	-0.00003 mg/L	0.000025	73.52%
Sr 421.552†	-37.5	-0.00023 mg/L	0.000035	-0.00023 mg/L	0.000035	14.91%
Sr 460.733†	9.8	0.00137 mg/L	0.003339	0.00137 mg/L	0.003339	244.25%
Ti 334.940†	0.7	0.00008 mg/L	0.000226	0.00008 mg/L	0.000226	272.34%
Ti 336.121†	-2.0	-0.00029 mg/L	0.000125	-0.00029 mg/L	0.000125	43.54%
Ti 337.279†	-4.4	-0.00158 mg/L	0.000200	-0.00158 mg/L	0.000200	12.69%
Tl 190.801†	0.9	0.00138 mg/L	0.004267	0.00138 mg/L	0.004267	308.60%
Tl 276.787†	8.1	0.00245 mg/L	0.002276	0.00245 mg/L	0.002276	92.81%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-2.8	-0.00288 mg/L	0.000477	-0.00288 mg/L	0.000477	16.60%
V 309.310†	2.9	0.00171 mg/L	0.000204	0.00171 mg/L	0.000204	11.96%
V 310.230†	203.3	0.00168 mg/L	0.000644	0.00168 mg/L	0.000644	38.34%
Zn 202.548†	0.4	0.00172 mg/L	0.009247	0.00172 mg/L	0.009247	536.43%
Zn 206.200†	0.3	0.00367 mg/L	0.004709	0.00367 mg/L	0.004709	128.20%
Zn 213.857†	-2.0	-0.00512 mg/L	0.003646	-0.00512 mg/L	0.003646	71.25%

Sequence No.: 31
Sample ID: LRB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 8/30/01 11:28:36 AM
Sample Prep Volume:
Data Type: Original

Mean Data: LRB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120232.2						645.14	0.54%
Y 360.073	2902392.7						11708.11	0.40%
Ag 328.068†	28.6	0.00018	mg/L	0.000534	0.00018	mg/L	0.000534	299.80%
Ag 338.289†	7.7	0.00009	mg/L	0.000462	0.00009	mg/L	0.000462	513.68%
Al 308.215†	7.6	0.03490	mg/L	0.005663	0.03490	mg/L	0.005663	16.23%
Al 394.401†	3.6	0.00762	mg/L	0.006970	0.00762	mg/L	0.006970	91.42%
Al 396.153†	2.8	0.00002	mg/L	0.005079	0.00002	mg/L	0.005079	>999.9%
As 188.979†	-0.3	-0.1131	mg/L	0.32028	-0.1131	mg/L	0.32028	283.13%
As 193.696†	-1.2	-0.00164	mg/L	0.001897	-0.00164	mg/L	0.001897	115.60%
As 197.197†	0.1	0.05624	mg/L	0.345522	0.05624	mg/L	0.345522	614.38%
B 208.889†	1.8	0.07515	mg/L	0.019974	0.07515	mg/L	0.019974	26.58%
B 249.677†	0.8	0.00318	mg/L	0.006245	0.00318	mg/L	0.006245	196.59%
B 249.772†	2.2	0.00417	mg/L	0.002812	0.00417	mg/L	0.002812	67.36%
Ba 233.527†	0.1	0.00013	mg/L	0.001087	0.00013	mg/L	0.001087	829.04%

Ba 455.403†	11.3	0.00019 mg/L	0.000097	0.00019 mg/L	0.000097	51.14%
Ba 493.408†	8.0	0.00008 mg/L	0.000400	0.00008 mg/L	0.000400	510.44%
Be 234.861†	-38.3	-0.00014 mg/L	0.000022	-0.00014 mg/L	0.000022	16.01%
Be 313.042†	2.4	0.00010 mg/L	0.000079	0.00010 mg/L	0.000079	76.60%
Be 313.107†	2.4	0.00010 mg/L	0.000079	0.00010 mg/L	0.000079	76.60%
Ca 315.887†	84.0	0.08249 mg/L	0.002267	0.08249 mg/L	0.002267	2.75%
Ca 317.933†	78.7	0.08210 mg/L	0.003494	0.08210 mg/L	0.003494	4.26%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	-1.4	-0.00005 mg/L	0.000061	-0.00005 mg/L	0.000061	113.96%
Cd 228.802†	0.4	0.00069 mg/L	0.001460	0.00069 mg/L	0.001460	212.05%
Ce 413.380†	-2.5	-0.00247 mg/L	0.011455	-0.00247 mg/L	0.011455	463.72%
Ce 413.764†	-0.1	-0.00008 mg/L	0.006971	-0.00008 mg/L	0.006971	>999.9%
Ce 418.660†	6.9	0.00336 mg/L	0.003634	0.00336 mg/L	0.003634	108.03%
Co 228.616†	-1.2	-0.00004 mg/L	0.000237	-0.00004 mg/L	0.000237	654.01%
Co 230.786†	-0.5	-0.00339 mg/L	0.005546	-0.00339 mg/L	0.005546	163.75%
Co 238.892†	0.4	0.00164 mg/L	0.002609	0.00164 mg/L	0.002609	158.90%
Cr 205.560†	-0.1	-0.00522 mg/L	0.031372	-0.00522 mg/L	0.031372	601.36%
Cr 267.716†	5.3	0.00023 mg/L	0.000023	0.00023 mg/L	0.000023	9.84%
Cr 283.563†	-1.2	-0.00146 mg/L	0.000854	-0.00146 mg/L	0.000854	58.29%
Cu 224.700†	1.3	0.01429 mg/L	0.017080	0.01429 mg/L	0.017080	119.56%
Cu 324.752†	-5.9	-0.00155 mg/L	0.000668	-0.00155 mg/L	0.000668	43.15%
Cu 327.393†	-64.1	-0.00125 mg/L	0.000277	-0.00125 mg/L	0.000277	22.16%
Fe 238.204†	5.5	0.00864 mg/L	0.002097	0.00864 mg/L	0.002097	24.28%
Fe 239.562†	3.6	0.00826 mg/L	0.001390	0.00826 mg/L	0.001390	16.83%
Fe 259.939†	9.2	0.00742 mg/L	0.001283	0.00742 mg/L	0.001283	17.29%
Fe 273.955†	1.9	0.00901 mg/L	0.008227	0.00901 mg/L	0.008227	91.30%
K 766.490†	-29.7	-0.06719 mg/L	0.024650	-0.06719 mg/L	0.024650	36.69%
Li 610.362†	40.5	0.00859 mg/L	0.005534	0.00859 mg/L	0.005534	64.41%
Li 670.784†	-171.1	-0.00437 mg/L	0.000633	-0.00437 mg/L	0.000633	14.47%
Mg 279.077†	2.3	0.01178 mg/L	0.007201	0.01178 mg/L	0.007201	61.13%
Mg 280.271†	261.8	0.00830 mg/L	0.000115	0.00830 mg/L	0.000115	1.39%
Mg 285.213†	8.9	0.00954 mg/L	0.000486	0.00954 mg/L	0.000486	5.09%
Mn 257.610†	-0.4	-0.00007 mg/L	0.000121	-0.00007 mg/L	0.000121	184.87%
Mn 259.372†	-1.2	-0.00042 mg/L	0.000396	-0.00042 mg/L	0.000396	94.03%
Mn 260.568†	2.0	0.00051 mg/L	0.000671	0.00051 mg/L	0.000671	131.17%
Mo 202.031†	1.6	0.05330 mg/L	0.027697	0.05330 mg/L	0.027697	51.96%
Mo 203.845†	0.2	0.01045 mg/L	0.064299	0.01045 mg/L	0.064299	615.37%
Mo 204.597†	5.8	0.00093 mg/L	0.000696	0.00093 mg/L	0.000696	75.05%
Na 588.995†	53.8	0.01496 mg/L	0.006629	0.01496 mg/L	0.006629	44.31%
Na 589.592†	63.2	0.01677 mg/L	0.012626	0.01677 mg/L	0.012626	75.28%
Ni 221.648†	0.4	0.01234 mg/L	0.014690	0.01234 mg/L	0.014690	119.01%
Ni 231.604†	10.1	0.00089 mg/L	0.000345	0.00089 mg/L	0.000345	38.66%
Ni 232.003†	-0.4	-0.00572 mg/L	0.011106	-0.00572 mg/L	0.011106	194.31%
Pb 217.000†	-0.1	-0.01302 mg/L	0.021341	-0.01302 mg/L	0.021341	163.86%
Pb 220.353†	-2.9	-0.00124 mg/L	0.001518	-0.00124 mg/L	0.001518	122.03%
Sb 206.836†	2.5	0.00154 mg/L	0.002822	0.00154 mg/L	0.002822	183.57%
Sb 217.582†	0.1	0.01879 mg/L	0.036672	0.01879 mg/L	0.036672	195.18%
Se 196.026†	6.5	0.00740 mg/L	0.000422	0.00740 mg/L	0.000422	5.71%
Se 203.985†	-2.8	-0.00654 mg/L	0.003151	-0.00654 mg/L	0.003151	48.16%
Sn 189.927†	-0.2	-0.00019 mg/L	0.000454	-0.00019 mg/L	0.000454	241.15%
Sn 235.485†	-0.6	-0.02261 mg/L	0.033204	-0.02261 mg/L	0.033204	146.86%
Sr 407.771†	31.6	0.00031 mg/L	0.000035	0.00031 mg/L	0.000035	11.28%
Sr 421.552†	43.2	0.00027 mg/L	0.000025	0.00027 mg/L	0.000025	9.28%
Sr 460.733†	-87.1	-0.01209 mg/L	0.011196	-0.01209 mg/L	0.011196	92.61%
Ti 334.940†	0.2	0.00002 mg/L	0.000141	0.00002 mg/L	0.000141	634.60%
Ti 336.121†	-2.3	-0.00033 mg/L	0.000397	-0.00033 mg/L	0.000397	122.05%
Ti 337.279†	-2.0	-0.00072 mg/L	0.000190	-0.00072 mg/L	0.000190	26.26%
Tl 190.801†	-0.2	-0.00036 mg/L	0.002562	-0.00036 mg/L	0.002562	708.47%
Tl 276.787†	-5.9	-0.00181 mg/L	0.002929	-0.00181 mg/L	0.002929	162.10%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	0.9	0.00096 mg/L	0.002598	0.00096 mg/L	0.002598	270.56%
V 309.310†	1.7	0.00102 mg/L	0.001215	0.00102 mg/L	0.001215	119.12%
V 310.230†	329.9	0.00273 mg/L	0.000130	0.00273 mg/L	0.000130	4.75%
Zn 202.548†	1.6	0.00758 mg/L	0.001733	0.00758 mg/L	0.001733	22.86%
Zn 206.200†	0.6	0.00714 mg/L	0.002370	0.00714 mg/L	0.002370	33.19%
Zn 213.857†	-0.8	-0.00197 mg/L	0.000929	-0.00197 mg/L	0.000929	47.23%

Analyst:
Sample Wt:
Dilution:

Sample Prep Volume:
Data Type: Original

Mean Data: LFB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119220.0						1876.36	1.57%
Y 360.073	2858905.9						31005.09	1.08%
Ag 328.068†	4059.0	0.02528	mg/L	0.000472	0.02528	mg/L	0.000472	1.87%
Ag 338.289†	2155.6	0.02526	mg/L	0.000440	0.02526	mg/L	0.000440	1.74%
Al 308.215†	224.4	1.028	mg/L	0.0202	1.028	mg/L	0.0202	1.96%
Al 394.401†	471.2	1.002	mg/L	0.0116	1.002	mg/L	0.0116	1.16%
Al 396.153†	1684.8	1.032	mg/L	0.0088	1.032	mg/L	0.0088	0.86%
As 188.979†	0.8	0.3104	mg/L	0.49343	0.3104	mg/L	0.49343	158.96%
As 193.696†	147.8	0.2054	mg/L	0.00125	0.2054	mg/L	0.00125	0.61%
As 197.197†	-0.5	-0.2549	mg/L	0.50810	-0.2549	mg/L	0.50810	199.30%
B 208.889†	21.3	0.8754	mg/L	0.08428	0.8754	mg/L	0.08428	9.63%
B 249.677†	213.0	0.8651	mg/L	0.01345	0.8651	mg/L	0.01345	1.55%
B 249.772†	443.6	0.8511	mg/L	0.01607	0.8511	mg/L	0.01607	1.89%
Ba 233.527†	112.2	0.1934	mg/L	0.00217	0.1934	mg/L	0.00217	1.12%
Ba 455.403†	11766.7	0.1962	mg/L	0.00225	0.1962	mg/L	0.00225	1.15%
Ba 493.408†	19784.6	0.1952	mg/L	0.00189	0.1952	mg/L	0.00189	0.97%
Be 234.861†	1105.9	0.00405	mg/L	0.000127	0.00405	mg/L	0.000127	3.13%
Be 313.042†	232.9	0.00996	mg/L	0.000027	0.00996	mg/L	0.000027	0.27%
Be 313.107†	232.9	0.00996	mg/L	0.000027	0.00996	mg/L	0.000027	0.27%
Ca 315.887†	53837.0	52.86	mg/L	0.323	52.86	mg/L	0.323	0.61%
Ca 317.933†	45634.1	47.60	mg/L	0.376	47.60	mg/L	0.376	0.79%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	1302.2	0.04877	mg/L	0.000610	0.04877	mg/L	0.000610	1.25%
Cd 228.802†	28.6	0.04837	mg/L	0.000887	0.04837	mg/L	0.000887	1.83%
Ce 413.380†	488.6	0.4894	mg/L	0.00917	0.4894	mg/L	0.00917	1.87%
Ce 413.764†	492.6	0.4903	mg/L	0.00747	0.4903	mg/L	0.00747	1.52%
Ce 418.660†	1043.7	0.5103	mg/L	0.03063	0.5103	mg/L	0.03063	6.00%
Co 228.616†	3089.6	0.09712	mg/L	0.000843	0.09712	mg/L	0.000843	0.87%
Co 230.786†	13.0	0.08886	mg/L	0.005563	0.08886	mg/L	0.005563	6.26%
Co 238.892†	19.5	0.08978	mg/L	0.004919	0.08978	mg/L	0.004919	5.48%
Cr 205.560†	1.5	0.06929	mg/L	0.024504	0.06929	mg/L	0.024504	35.37%
Cr 267.716†	2284.8	0.09927	mg/L	0.001176	0.09927	mg/L	0.001176	1.18%
Cr 283.563†	82.2	0.09857	mg/L	0.002359	0.09857	mg/L	0.002359	2.39%
Cu 224.700†	9.6	0.1067	mg/L	0.01994	0.1067	mg/L	0.01994	18.69%
Cu 324.752†	340.1	0.08911	mg/L	0.001212	0.08911	mg/L	0.001212	1.36%
Cu 327.393†	5053.9	0.09857	mg/L	0.001217	0.09857	mg/L	0.001217	1.23%
Fe 238.204†	626.2	0.9855	mg/L	0.01367	0.9855	mg/L	0.01367	1.39%
Fe 239.562†	437.9	0.9944	mg/L	0.00851	0.9944	mg/L	0.00851	0.86%
Fe 259.939†	1228.5	0.9951	mg/L	0.01052	0.9951	mg/L	0.01052	1.06%
Fe 273.955†	230.9	1.103	mg/L	0.0107	1.103	mg/L	0.0107	0.97%
K 766.490†	11603.9	26.24	mg/L	0.339	26.24	mg/L	0.339	1.29%
Li 610.362†	355.8	0.07557	mg/L	0.023630	0.07557	mg/L	0.023630	31.27%
Li 670.784†	3684.2	0.09416	mg/L	0.001242	0.09416	mg/L	0.001242	1.32%
Mg 279.077†	3897.1	19.95	mg/L	0.230	19.95	mg/L	0.230	1.15%
Mg 280.271†	605848.6	19.20	mg/L	0.124	19.20	mg/L	0.124	0.64%
Mg 285.213†	17714.7	19.08	mg/L	0.199	19.08	mg/L	0.199	1.04%
Mn 257.610†	1091.3	0.1926	mg/L	0.00214	0.1926	mg/L	0.00214	1.11%
Mn 259.372†	1441.2	0.1925	mg/L	0.00207	0.1925	mg/L	0.00207	1.08%
Mn 260.568†	749.7	0.1921	mg/L	0.00201	0.1921	mg/L	0.00201	1.05%
Mo 202.031†	2.0	0.06579	mg/L	0.044694	0.06579	mg/L	0.044694	67.93%
Mo 203.845†	1.7	0.1079	mg/L	0.05210	0.1079	mg/L	0.05210	48.29%
Mo 204.597†	609.7	0.09818	mg/L	0.001630	0.09818	mg/L	0.001630	1.66%
Na 588.995†	173237.3	48.13	mg/L	0.328	48.13	mg/L	0.328	0.68%
Na 589.592†	192917.6	51.21	mg/L	0.380	51.21	mg/L	0.380	0.74%
Ni 221.648†	6.5	0.1928	mg/L	0.02652	0.1928	mg/L	0.02652	13.75%
Ni 231.604†	2250.7	0.1988	mg/L	0.00413	0.1988	mg/L	0.00413	2.08%
Ni 232.003†	13.6	0.2053	mg/L	0.01376	0.2053	mg/L	0.01376	6.70%
Pb 217.000†	5.3	0.5378	mg/L	0.07479	0.5378	mg/L	0.07479	13.91%
Pb 220.353†	1181.2	0.5008	mg/L	0.00591	0.5008	mg/L	0.00591	1.18%
Sb 206.836†	817.4	0.5049	mg/L	0.00250	0.5049	mg/L	0.00250	0.49%
Sb 217.582†	3.4	0.5093	mg/L	0.06521	0.5093	mg/L	0.06521	12.80%
Se 196.026†	441.2	0.5018	mg/L	0.00641	0.5018	mg/L	0.00641	1.28%

Se 203.985†	203.2	0.4711 mg/L	0.00916	0.4711 mg/L	0.00916	1.94%
Sn 189.927†	526.3	0.4900 mg/L	0.00348	0.4900 mg/L	0.00348	0.71%
Sn 235.485†	14.5	0.5245 mg/L	0.02035	0.5245 mg/L	0.02035	3.88%
Sr 407.771†	95868.7	0.9522 mg/L	0.00363	0.9522 mg/L	0.00363	0.38%
Sr 421.552†	157712.5	0.9805 mg/L	0.00527	0.9805 mg/L	0.00527	0.54%
Sr 460.733†	6824.5	0.9474 mg/L	0.01088	0.9474 mg/L	0.01088	1.15%
Ti 334.940†	833.1	0.09929 mg/L	0.001117	0.09929 mg/L	0.001117	1.12%
Ti 336.121†	704.9	0.09888 mg/L	0.000800	0.09888 mg/L	0.000800	0.81%
Ti 337.279†	275.2	0.09928 mg/L	0.001261	0.09928 mg/L	0.001261	1.27%
Tl 190.801†	323.6	0.4943 mg/L	0.01033	0.4943 mg/L	0.01033	2.09%
Tl 276.787†	2273.9	0.6920 mg/L	0.01386	0.6920 mg/L	0.01386	2.00%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	93.5	0.09698 mg/L	0.003278	0.09698 mg/L	0.003278	3.38%
V 309.310†	144.1	0.08617 mg/L	0.001042	0.08617 mg/L	0.001042	1.21%
V 310.230†	12500.2	0.1033 mg/L	0.00231	0.1033 mg/L	0.00231	2.24%
Zn 202.548†	195.4	0.9315 mg/L	0.01651	0.9315 mg/L	0.01651	1.77%
Zn 206.200†	75.6	0.9188 mg/L	0.01866	0.9188 mg/L	0.01866	2.03%
Zn 213.857†	381.0	0.9542 mg/L	0.01126	0.9542 mg/L	0.01126	1.18%

Sequence No.: 33 **Autosampler Location: 30**
Sample ID: Filter Blank 1 **Date Collected: 8/30/01 11:37:29 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Filter Blank 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121756.2						2906.13	2.39%
Y 360.073	2917040.0						16651.95	0.57%
Ag 328.068†	22.2	0.00014	mg/L	0.000147	0.00014	mg/L	0.000147	106.30%
Ag 338.289†	24.5	0.00029	mg/L	0.000908	0.00029	mg/L	0.000908	316.82%
Al 308.215†	286.6	1.313	mg/L	0.0327	1.313	mg/L	0.0327	2.49%
Al 394.401†	608.2	1.293	mg/L	0.0316	1.293	mg/L	0.0316	2.45%
Al 396.153†	2135.0	1.293	mg/L	0.0521	1.293	mg/L	0.0521	4.03%
As 188.979†	-0.3	-0.1274	mg/L	0.45933	-0.1274	mg/L	0.45933	360.55%
As 193.696†	-0.0	-0.00003	mg/L	0.001414	-0.00003	mg/L	0.001414	>999.9%
As 197.197†	0.0	0.00553	mg/L	0.100676	0.00553	mg/L	0.100676	>999.9%
B 208.889†	13.5	0.5535	mg/L	0.11639	0.5535	mg/L	0.11639	21.03%
B 249.677†	119.1	0.4839	mg/L	0.01882	0.4839	mg/L	0.01882	3.89%
B 249.772†	241.5	0.4633	mg/L	0.01496	0.4633	mg/L	0.01496	3.23%
Ba 233.527†	161.8	0.2788	mg/L	0.00723	0.2788	mg/L	0.00723	2.59%
Ba 455.403†	16799.8	0.2801	mg/L	0.01011	0.2801	mg/L	0.01011	3.61%
Ba 493.408†	28286.1	0.2790	mg/L	0.00919	0.2790	mg/L	0.00919	3.29%
Be 234.861†	-297.6	-0.00109	mg/L	0.000015	-0.00109	mg/L	0.000015	1.42%
Be 313.042†	5.2	0.00022	mg/L	0.000172	0.00022	mg/L	0.000172	77.10%
Be 313.107†	5.2	0.00022	mg/L	0.000172	0.00022	mg/L	0.000172	77.10%
Ca 315.887†	3916.0	3.845	mg/L	0.1023	3.845	mg/L	0.1023	2.66%
Ca 317.933†	3331.6	3.475	mg/L	0.1455	3.475	mg/L	0.1455	4.19%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-0.9	-0.00004	mg/L	0.000086	-0.00004	mg/L	0.000086	244.89%
Cd 228.802†	-0.1	-0.00013	mg/L	0.000846	-0.00013	mg/L	0.000846	660.04%
Ce 413.380†	-0.9	-0.00094	mg/L	0.001259	-0.00094	mg/L	0.001259	133.58%
Ce 413.764†	-6.8	-0.00678	mg/L	0.002003	-0.00678	mg/L	0.002003	29.53%
Ce 418.660†	-6.5	-0.00320	mg/L	0.008391	-0.00320	mg/L	0.008391	262.54%
Co 228.616†	1.7	0.00005	mg/L	0.000574	0.00005	mg/L	0.000574	>999.9%
Co 230.786†	-0.3	-0.00174	mg/L	0.002829	-0.00174	mg/L	0.002829	162.30%
Co 238.892†	0.1	0.00037	mg/L	0.001582	0.00037	mg/L	0.001582	428.56%
Cr 205.560†	-0.2	-0.00889	mg/L	0.010360	-0.00889	mg/L	0.010360	116.51%
Cr 267.716†	143.8	0.00625	mg/L	0.000131	0.00625	mg/L	0.000131	2.09%
Cr 283.563†	5.1	0.00611	mg/L	0.003270	0.00611	mg/L	0.003270	53.51%
Cu 224.700†	2.1	0.02338	mg/L	0.006864	0.02338	mg/L	0.006864	29.36%
Cu 324.752†	12.5	0.00328	mg/L	0.000618	0.00328	mg/L	0.000618	18.81%
Cu 327.393†	210.9	0.00411	mg/L	0.000774	0.00411	mg/L	0.000774	18.82%
Fe 238.204†	93.9	0.1478	mg/L	0.00265	0.1478	mg/L	0.00265	1.79%
Fe 239.562†	65.4	0.1486	mg/L	0.00494	0.1486	mg/L	0.00494	3.32%
Fe 259.939†	183.1	0.1483	mg/L	0.00225	0.1483	mg/L	0.00225	1.51%
Fe 273.955†	34.1	0.1631	mg/L	0.00337	0.1631	mg/L	0.00337	2.07%

K 766.490†	924.6	2.091	mg/L	0.1145	2.091	mg/L	0.1145	5.48%
Li 610.362†	13.5	0.00286	mg/L	0.013207	0.00286	mg/L	0.013207	462.04%
Li 670.784†	-141.3	-0.00361	mg/L	0.001549	-0.00361	mg/L	0.001549	42.89%
Mg 279.077†	218.2	1.117	mg/L	0.0362	1.117	mg/L	0.0362	3.25%
Mg 280.271†	34538.7	1.095	mg/L	0.0382	1.095	mg/L	0.0382	3.49%
Mg 285.213†	1015.8	1.094	mg/L	0.0219	1.094	mg/L	0.0219	2.00%
Mn 257.610†	12.6	0.00223	mg/L	0.000094	0.00223	mg/L	0.000094	4.23%
Mn 259.372†	21.9	0.00256	mg/L	0.000642	0.00256	mg/L	0.000642	25.02%
Mn 260.568†	9.2	0.00237	mg/L	0.000258	0.00237	mg/L	0.000258	10.90%
Mo 202.031†	1.3	0.04363	mg/L	0.007582	0.04363	mg/L	0.007582	17.38%
Mo 203.845†	0.9	0.05857	mg/L	0.091483	0.05857	mg/L	0.091483	156.18%
Mo 204.597†	-0.8	-0.00013	mg/L	0.000439	-0.00013	mg/L	0.000439	331.86%
Na 588.995†	181038.9	50.30	mg/L	0.207	50.30	mg/L	0.207	0.41%
Na 589.592†	200497.1	53.22	mg/L	0.244	53.22	mg/L	0.244	0.46%
Ni 221.648†	-2.3	-0.06786	mg/L	0.009615	-0.06786	mg/L	0.009615	14.17%
Ni 231.604†	40.9	0.00361	mg/L	0.000337	0.00361	mg/L	0.000337	9.33%
Ni 232.003†	0.8	0.01264	mg/L	0.010373	0.01264	mg/L	0.010373	82.09%
Pb 217.000†	-0.2	-0.01807	mg/L	0.024318	-0.01807	mg/L	0.024318	134.54%
Pb 220.353†	-1.9	-0.00082	mg/L	0.000802	-0.00082	mg/L	0.000802	97.45%
Sb 206.836†	4.4	0.00270	mg/L	0.001112	0.00270	mg/L	0.001112	41.14%
Sb 217.582†	0.0	0.00661	mg/L	0.022999	0.00661	mg/L	0.022999	347.95%
Se 196.026†	5.7	0.00653	mg/L	0.003084	0.00653	mg/L	0.003084	47.26%
Se 203.985†	-1.6	-0.00372	mg/L	0.009286	-0.00372	mg/L	0.009286	249.66%
Sn 189.927†	-0.7	-0.00061	mg/L	0.000933	-0.00061	mg/L	0.000933	153.38%
Sn 235.485†	-0.5	-0.01734	mg/L	0.006430	-0.01734	mg/L	0.006430	37.08%
Sr 407.771†	272.5	0.00271	mg/L	0.000038	0.00271	mg/L	0.000038	1.39%
Sr 421.552†	439.8	0.00273	mg/L	0.000156	0.00273	mg/L	0.000156	5.72%
Sr 460.733†	-24.5	-0.00340	mg/L	0.008380	-0.00340	mg/L	0.008380	246.57%
Ti 334.940†	50.2	0.00598	mg/L	0.000304	0.00598	mg/L	0.000304	5.08%
Ti 336.121†	36.4	0.00510	mg/L	0.000306	0.00510	mg/L	0.000306	5.99%
Ti 337.279†	12.5	0.00452	mg/L	0.000119	0.00452	mg/L	0.000119	2.64%
Tl 190.801†	2.8	0.00434	mg/L	0.001200	0.00434	mg/L	0.001200	27.66%
Tl 276.787†	69.2	0.02107	mg/L	0.002960	0.02107	mg/L	0.002960	14.05%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-4.3	-0.00447	mg/L	0.004746	-0.00447	mg/L	0.004746	106.13%
V 309.310†	0.2	0.00014	mg/L	0.000885	0.00014	mg/L	0.000885	632.65%
V 310.230†	106.7	0.00088	mg/L	0.000760	0.00088	mg/L	0.000760	86.13%
Zn 202.548†	7.1	0.03355	mg/L	0.004679	0.03355	mg/L	0.004679	13.95%
Zn 206.200†	1.5	0.01797	mg/L	0.003366	0.01797	mg/L	0.003366	18.72%
Zn 213.857†	6.5	0.01637	mg/L	0.000406	0.01637	mg/L	0.000406	2.48%

Sequence No.: 34 **Autosampler Location: 31**
Sample ID: Filter Blank 2 **Date Collected: 8/30/01 11:42:27 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Filter Blank 2

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121621.7						1981.53	1.63%
Y 360.073	2906365.3						30564.89	1.05%
Ag 328.068†	46.2	0.00029	mg/L	0.000318	0.00029	mg/L	0.000318	110.55%
Ag 338.289†	-23.2	-0.00027	mg/L	0.000237	-0.00027	mg/L	0.000237	87.11%
Al 308.215†	275.1	1.260	mg/L	0.0198	1.260	mg/L	0.0198	1.57%
Al 394.401†	583.8	1.241	mg/L	0.0285	1.241	mg/L	0.0285	2.29%
Al 396.153†	2017.4	1.220	mg/L	0.0250	1.220	mg/L	0.0250	2.05%
As 188.979†	-0.4	-0.1640	mg/L	0.71586	-0.1640	mg/L	0.71586	436.43%
As 193.696†	-1.1	-0.00159	mg/L	0.001808	-0.00159	mg/L	0.001808	113.45%
As 197.197†	0.4	0.2239	mg/L	0.22816	0.2239	mg/L	0.22816	101.92%
B 208.889†	11.0	0.4522	mg/L	0.04849	0.4522	mg/L	0.04849	10.72%
B 249.677†	114.0	0.4633	mg/L	0.02148	0.4633	mg/L	0.02148	4.64%
B 249.772†	233.2	0.4473	mg/L	0.01240	0.4473	mg/L	0.01240	2.77%
Ba 233.527†	158.7	0.2735	mg/L	0.00485	0.2735	mg/L	0.00485	1.77%
Ba 455.403†	16697.0	0.2784	mg/L	0.00506	0.2784	mg/L	0.00506	1.82%
Ba 493.408†	28060.7	0.2768	mg/L	0.00707	0.2768	mg/L	0.00707	2.55%
Be 234.861†	-251.9	-0.00092	mg/L	0.000049	-0.00092	mg/L	0.000049	5.31%
Be 313.042†	6.0	0.00026	mg/L	0.000042	0.00026	mg/L	0.000042	16.11%

Be 313.107†	6.0	0.00026 mg/L	0.000042	0.00026 mg/L	0.000042	16.11%
Ca 315.887†	3878.1	3.808 mg/L	0.0549	3.808 mg/L	0.0549	1.44%
Ca 317.933†	3352.1	3.496 mg/L	0.1043	3.496 mg/L	0.1043	2.98%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	-0.7	-0.00003 mg/L	0.000065	-0.00003 mg/L	0.000065	235.82%
Cd 228.802†	-0.0	-0.00002 mg/L	0.001280	-0.00002 mg/L	0.001280	>999.9%
Ce 413.380†	-5.1	-0.00508 mg/L	0.009622	-0.00508 mg/L	0.009622	189.52%
Ce 413.764†	-1.8	-0.00178 mg/L	0.004054	-0.00178 mg/L	0.004054	227.16%
Ce 418.660†	0.4	0.00020 mg/L	0.004962	0.00020 mg/L	0.004962	>999.9%
Co 228.616†	8.9	0.00028 mg/L	0.000234	0.00028 mg/L	0.000234	83.24%
Co 230.786†	-0.4	-0.00270 mg/L	0.001428	-0.00270 mg/L	0.001428	52.91%
Co 238.892†	0.1	0.00056 mg/L	0.001388	0.00056 mg/L	0.001388	247.85%
Cr 205.560†	0.1	0.00306 mg/L	0.008482	0.00306 mg/L	0.008482	276.92%
Cr 267.716†	143.1	0.00622 mg/L	0.000091	0.00622 mg/L	0.000091	1.46%
Cr 283.563†	6.4	0.00770 mg/L	0.001275	0.00770 mg/L	0.001275	16.56%
Cu 224.700†	1.6	0.01784 mg/L	0.017134	0.01784 mg/L	0.017134	96.04%
Cu 324.752†	-2.8	-0.00075 mg/L	0.000358	-0.00075 mg/L	0.000358	48.00%
Cu 327.393†	3.3	0.00006 mg/L	0.000351	0.00006 mg/L	0.000351	553.43%
Fe 238.204†	81.4	0.1281 mg/L	0.00383	0.1281 mg/L	0.00383	2.99%
Fe 239.562†	57.4	0.1303 mg/L	0.00330	0.1303 mg/L	0.00330	2.53%
Fe 259.939†	155.2	0.1257 mg/L	0.00106	0.1257 mg/L	0.00106	0.84%
Fe 273.955†	29.6	0.1413 mg/L	0.00989	0.1413 mg/L	0.00989	7.00%
K 766.490†	903.5	2.044 mg/L	0.0762	2.044 mg/L	0.0762	3.73%
Li 610.362†	-79.0	-0.01677 mg/L	0.007004	-0.01677 mg/L	0.007004	41.76%
Li 670.784†	-118.6	-0.00303 mg/L	0.001518	-0.00303 mg/L	0.001518	50.07%
Mg 279.077†	217.5	1.113 mg/L	0.0329	1.113 mg/L	0.0329	2.96%
Mg 280.271†	34055.6	1.079 mg/L	0.0191	1.079 mg/L	0.0191	1.77%
Mg 285.213†	989.8	1.066 mg/L	0.0134	1.066 mg/L	0.0134	1.25%
Mn 257.610†	6.3	0.00112 mg/L	0.000027	0.00112 mg/L	0.000027	2.44%
Mn 259.372†	12.8	0.00116 mg/L	0.000282	0.00116 mg/L	0.000282	24.34%
Mn 260.568†	4.8	0.00122 mg/L	0.000127	0.00122 mg/L	0.000127	10.34%
Mo 202.031†	2.7	0.08873 mg/L	0.036287	0.08873 mg/L	0.036287	40.90%
Mo 203.845†	0.1	0.00351 mg/L	0.069643	0.00351 mg/L	0.069643	>999.9%
Mo 204.597†	0.4	0.00007 mg/L	0.000573	0.00007 mg/L	0.000573	835.65%
Na 588.995†	178724.1	49.65 mg/L	0.192	49.65 mg/L	0.192	0.39%
Na 589.592†	197999.0	52.56 mg/L	0.217	52.56 mg/L	0.217	0.41%
Ni 221.648†	-2.4	-0.06996 mg/L	0.022568	-0.06996 mg/L	0.022568	32.26%
Ni 231.604†	24.2	0.00214 mg/L	0.000138	0.00214 mg/L	0.000138	6.43%
Ni 232.003†	1.2	0.01845 mg/L	0.002182	0.01845 mg/L	0.002182	11.83%
Pb 217.000†	0.3	0.03536 mg/L	0.015035	0.03536 mg/L	0.015035	42.52%
Pb 220.353†	-1.4	-0.00060 mg/L	0.000294	-0.00060 mg/L	0.000294	49.28%
Sb 206.836†	1.9	0.00117 mg/L	0.001593	0.00117 mg/L	0.001593	136.53%
Sb 217.582†	-0.2	-0.03668 mg/L	0.043476	-0.03668 mg/L	0.043476	118.52%
Se 196.026†	5.4	0.00617 mg/L	0.002559	0.00617 mg/L	0.002559	41.46%
Se 203.985†	-3.1	-0.00730 mg/L	0.006480	-0.00730 mg/L	0.006480	88.72%
Sn 189.927†	0.4	0.00036 mg/L	0.001938	0.00036 mg/L	0.001938	532.17%
Sn 235.485†	-1.6	-0.05804 mg/L	0.026839	-0.05804 mg/L	0.026839	46.25%
Sr 407.771†	274.9	0.00273 mg/L	0.000092	0.00273 mg/L	0.000092	3.37%
Sr 421.552†	436.3	0.00271 mg/L	0.000121	0.00271 mg/L	0.000121	4.45%
Sr 460.733†	-99.5	-0.01382 mg/L	0.015743	-0.01382 mg/L	0.015743	113.93%
Ti 334.940†	45.4	0.00541 mg/L	0.000374	0.00541 mg/L	0.000374	6.92%
Ti 336.121†	36.5	0.00512 mg/L	0.000432	0.00512 mg/L	0.000432	8.44%
Ti 337.279†	6.7	0.00243 mg/L	0.000859	0.00243 mg/L	0.000859	35.36%
Tl 190.801†	1.5	0.00230 mg/L	0.003956	0.00230 mg/L	0.003956	172.28%
Tl 276.787†	56.8	0.01727 mg/L	0.004721	0.01727 mg/L	0.004721	27.33%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-2.0	-0.00204 mg/L	0.001538	-0.00204 mg/L	0.001538	75.58%
V 309.310†	4.0	0.00240 mg/L	0.000826	0.00240 mg/L	0.000826	34.41%
V 310.230†	12.5	0.00010 mg/L	0.000856	0.00010 mg/L	0.000856	826.80%
Zn 202.548†	4.2	0.02010 mg/L	0.005814	0.02010 mg/L	0.005814	28.92%
Zn 206.200†	1.5	0.01829 mg/L	0.005622	0.01829 mg/L	0.005622	30.75%
Zn 213.857†	5.6	0.01408 mg/L	0.000766	0.01408 mg/L	0.000766	5.44%

Sequence No.: 35
Sample ID: Filter Blank3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 8/30/01 11:47:15 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Filter Blank3

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123857.1						1015.98	0.82%
Y 360.073	2900862.0						28418.73	0.98%
Ag 328.068†	47.5	0.00030	mg/L	0.000243	0.00030	mg/L	0.000243	82.26%
Ag 338.289†	-24.2	-0.00028	mg/L	0.000119	-0.00028	mg/L	0.000119	41.90%
Al 308.215†	274.6	1.258	mg/L	0.0009	1.258	mg/L	0.0009	0.07%
Al 394.401†	583.5	1.240	mg/L	0.0083	1.240	mg/L	0.0083	0.67%
Al 396.153†	2015.6	1.221	mg/L	0.0013	1.221	mg/L	0.0013	0.10%
As 188.979†	0.5	0.1858	mg/L	0.20207	0.1858	mg/L	0.20207	108.76%
As 193.696†	-2.3	-0.00321	mg/L	0.001908	-0.00321	mg/L	0.001908	59.46%
As 197.197†	0.0	0.01158	mg/L	0.126223	0.01158	mg/L	0.126223	>999.9%
B 208.889†	11.4	0.4670	mg/L	0.08150	0.4670	mg/L	0.08150	17.45%
B 249.677†	113.2	0.4596	mg/L	0.00267	0.4596	mg/L	0.00267	0.58%
B 249.772†	239.1	0.4588	mg/L	0.00142	0.4588	mg/L	0.00142	0.31%
Ba 233.527†	157.3	0.2711	mg/L	0.00361	0.2711	mg/L	0.00361	1.33%
Ba 455.403†	16351.4	0.2726	mg/L	0.00300	0.2726	mg/L	0.00300	1.10%
Ba 493.408†	27646.2	0.2727	mg/L	0.00334	0.2727	mg/L	0.00334	1.22%
Be 234.861†	-275.5	-0.00101	mg/L	0.000029	-0.00101	mg/L	0.000029	2.86%
Be 313.042†	9.7	0.00041	mg/L	0.000016	0.00041	mg/L	0.000016	3.87%
Be 313.107†	9.7	0.00041	mg/L	0.000016	0.00041	mg/L	0.000016	3.87%
Ca 315.887†	3849.6	3.780	mg/L	0.0154	3.780	mg/L	0.0154	0.41%
Ca 317.933†	3305.2	3.447	mg/L	0.0308	3.447	mg/L	0.0308	0.89%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-6.3	-0.00023	mg/L	0.000107	-0.00023	mg/L	0.000107	45.70%
Cd 228.802†	-0.9	-0.00145	mg/L	0.001113	-0.00145	mg/L	0.001113	76.97%
Ce 413.380†	-5.2	-0.00520	mg/L	0.006416	-0.00520	mg/L	0.006416	123.34%
Ce 413.764†	-2.0	-0.00202	mg/L	0.008517	-0.00202	mg/L	0.008517	421.82%
Ce 418.660†	12.5	0.00610	mg/L	0.006003	0.00610	mg/L	0.006003	98.34%
Co 228.616†	0.6	0.00002	mg/L	0.000167	0.00002	mg/L	0.000167	950.31%
Co 230.786†	-0.3	-0.00199	mg/L	0.004293	-0.00199	mg/L	0.004293	215.91%
Co 238.892†	0.6	0.00286	mg/L	0.002253	0.00286	mg/L	0.002253	78.72%
Cr 205.560†	0.4	0.01638	mg/L	0.008111	0.01638	mg/L	0.008111	49.52%
Cr 267.716†	155.0	0.00673	mg/L	0.000177	0.00673	mg/L	0.000177	2.64%
Cr 283.563†	4.8	0.00573	mg/L	0.000964	0.00573	mg/L	0.000964	16.82%
Cu 224.700†	1.4	0.01607	mg/L	0.014241	0.01607	mg/L	0.014241	88.64%
Cu 324.752†	-4.3	-0.00112	mg/L	0.001189	-0.00112	mg/L	0.001189	106.64%
Cu 327.393†	-7.9	-0.00015	mg/L	0.000388	-0.00015	mg/L	0.000388	251.07%
Fe 238.204†	83.0	0.1307	mg/L	0.00096	0.1307	mg/L	0.00096	0.73%
Fe 239.562†	58.7	0.1333	mg/L	0.00259	0.1333	mg/L	0.00259	1.94%
Fe 259.939†	160.0	0.1296	mg/L	0.00093	0.1296	mg/L	0.00093	0.72%
Fe 273.955†	29.9	0.1427	mg/L	0.00312	0.1427	mg/L	0.00312	2.19%
K 766.490†	898.5	2.032	mg/L	0.0289	2.032	mg/L	0.0289	1.42%
Li 610.362†	-27.2	-0.00577	mg/L	0.024318	-0.00577	mg/L	0.024318	421.64%
Li 670.784†	-68.1	-0.00174	mg/L	0.001636	-0.00174	mg/L	0.001636	93.91%
Mg 279.077†	213.5	1.093	mg/L	0.0240	1.093	mg/L	0.0240	2.19%
Mg 280.271†	33237.2	1.053	mg/L	0.0129	1.053	mg/L	0.0129	1.22%
Mg 285.213†	971.9	1.047	mg/L	0.0053	1.047	mg/L	0.0053	0.51%
Mn 257.610†	6.0	0.00105	mg/L	0.000202	0.00105	mg/L	0.000202	19.19%
Mn 259.372†	15.3	0.00174	mg/L	0.000713	0.00174	mg/L	0.000713	40.99%
Mn 260.568†	6.0	0.00153	mg/L	0.000269	0.00153	mg/L	0.000269	17.59%
Mo 202.031†	1.1	0.03691	mg/L	0.022019	0.03691	mg/L	0.022019	59.65%
Mo 203.845†	0.3	0.01854	mg/L	0.076727	0.01854	mg/L	0.076727	413.94%
Mo 204.597†	0.8	0.00013	mg/L	0.000266	0.00013	mg/L	0.000266	207.75%
Na 588.995†	181578.9	50.45	mg/L	0.131	50.45	mg/L	0.131	0.26%
Na 589.592†	201587.2	53.51	mg/L	0.128	53.51	mg/L	0.128	0.24%
Ni 221.648†	-3.2	-0.09565	mg/L	0.010017	-0.09565	mg/L	0.010017	10.47%
Ni 231.604†	21.8	0.00192	mg/L	0.000227	0.00192	mg/L	0.000227	11.82%
Ni 232.003†	0.5	0.00718	mg/L	0.021825	0.00718	mg/L	0.021825	304.14%
Pb 217.000†	0.5	0.05368	mg/L	0.067607	0.05368	mg/L	0.067607	125.94%
Pb 220.353†	-3.4	-0.00144	mg/L	0.001876	-0.00144	mg/L	0.001876	129.93%
Sb 206.836†	4.8	0.00295	mg/L	0.002205	0.00295	mg/L	0.002205	74.72%
Sb 217.582†	-0.2	-0.02556	mg/L	0.042510	-0.02556	mg/L	0.042510	166.31%
Se 196.026†	5.6	0.00632	mg/L	0.001639	0.00632	mg/L	0.001639	25.92%
Se 203.985†	-5.4	-0.01264	mg/L	0.005422	-0.01264	mg/L	0.005422	42.91%
Sn 189.927†	1.1	0.00102	mg/L	0.000986	0.00102	mg/L	0.000986	96.87%
Sn 235.485†	-1.2	-0.04465	mg/L	0.017465	-0.04465	mg/L	0.017465	39.12%
Sr 407.771†	269.3	0.00267	mg/L	0.000060	0.00267	mg/L	0.000060	2.24%

Sr 421.552†	410.7	0.00255 mg/L	0.000109	0.00255 mg/L	0.000109	4.26%
Sr 460.733†	-67.6	-0.00938 mg/L	0.004056	-0.00938 mg/L	0.004056	43.23%
Ti 334.940†	50.3	0.00599 mg/L	0.000301	0.00599 mg/L	0.000301	5.03%
Ti 336.121†	37.4	0.00525 mg/L	0.000599	0.00525 mg/L	0.000599	11.40%
Ti 337.279†	10.4	0.00376 mg/L	0.000913	0.00376 mg/L	0.000913	24.32%
Tl 190.801†	-0.3	-0.00042 mg/L	0.000970	-0.00042 mg/L	0.000970	232.53%
Tl 276.787†	46.0	0.01401 mg/L	0.001734	0.01401 mg/L	0.001734	12.38%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.7	-0.00180 mg/L	0.001295	-0.00180 mg/L	0.001295	72.11%
V 309.310†	2.2	0.00133 mg/L	0.001197	0.00133 mg/L	0.001197	90.24%
V 310.230†	204.6	0.00169 mg/L	0.000294	0.00169 mg/L	0.000294	17.40%
Zn 202.548†	6.7	0.03199 mg/L	0.008424	0.03199 mg/L	0.008424	26.33%
Zn 206.200†	1.8	0.02238 mg/L	0.004739	0.02238 mg/L	0.004739	21.17%
Zn 213.857†	8.0	0.02001 mg/L	0.002877	0.02001 mg/L	0.002877	14.38%

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Sequence No.: 36 **Autosampler Location: 33**
Sample ID: Filter Blank 3 Spike **Date Collected: 8/30/01 11:51:45 AM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Filter Blank 3 Spike

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119928.8						300.18	0.25%
Y 360.073	2848513.9						28084.25	0.99%
Ag 328.068†	4124.9	0.02569	mg/L	0.000811	0.02569	mg/L	0.000811	3.16%
Ag 338.289†	2237.3	0.02621	mg/L	0.000606	0.02621	mg/L	0.000606	2.31%
Al 308.215†	507.0	2.322	mg/L	0.0175	2.322	mg/L	0.0175	0.75%
Al 394.401†	1078.5	2.293	mg/L	0.0184	2.293	mg/L	0.0184	0.80%
Al 396.153†	3816.9	2.324	mg/L	0.0336	2.324	mg/L	0.0336	1.45%
As 188.979†	-0.5	-0.2098	mg/L	0.35800	-0.2098	mg/L	0.35800	170.67%
As 193.696†	151.9	0.2111	mg/L	0.00301	0.2111	mg/L	0.00301	1.43%
As 197.197†	0.3	0.1615	mg/L	0.22343	0.1615	mg/L	0.22343	138.32%
B 208.889†	33.7	1.384	mg/L	0.0235	1.384	mg/L	0.0235	1.70%
B 249.677†	350.2	1.423	mg/L	0.0138	1.423	mg/L	0.0138	0.97%
B 249.772†	735.8	1.412	mg/L	0.0170	1.412	mg/L	0.0170	1.20%
Ba 233.527†	272.3	0.4693	mg/L	0.00936	0.4693	mg/L	0.00936	1.99%
Ba 455.403†	28052.0	0.4677	mg/L	0.00456	0.4677	mg/L	0.00456	0.98%
Ba 493.408†	47193.9	0.4656	mg/L	0.00574	0.4656	mg/L	0.00574	1.23%
Be 234.861†	905.9	0.00332	mg/L	0.000120	0.00332	mg/L	0.000120	3.62%
Be 313.042†	250.0	0.01069	mg/L	0.000100	0.01069	mg/L	0.000100	0.93%
Be 313.107†	250.0	0.01069	mg/L	0.000100	0.01069	mg/L	0.000100	0.93%
Ca 315.887†	59364.4	58.29	mg/L	0.609	58.29	mg/L	0.609	1.04%
Ca 317.933†	50463.2	52.64	mg/L	0.454	52.64	mg/L	0.454	0.86%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	1342.4	0.05028	mg/L	0.000507	0.05028	mg/L	0.000507	1.01%
Cd 228.802†	30.4	0.05136	mg/L	0.001438	0.05136	mg/L	0.001438	2.80%
Ce 413.380†	507.2	0.5081	mg/L	0.00785	0.5081	mg/L	0.00785	1.54%
Ce 413.764†	498.5	0.4961	mg/L	0.00603	0.4961	mg/L	0.00603	1.22%
Ce 418.660†	1046.7	0.5118	mg/L	0.00457	0.5118	mg/L	0.00457	0.89%
Co 228.616†	3138.2	0.09865	mg/L	0.003377	0.09865	mg/L	0.003377	3.42%
Co 230.786†	13.5	0.09254	mg/L	0.002391	0.09254	mg/L	0.002391	2.58%
Co 238.892†	20.0	0.09220	mg/L	0.004480	0.09220	mg/L	0.004480	4.86%
Cr 205.560†	2.2	0.1013	mg/L	0.01435	0.1013	mg/L	0.01435	14.16%
Cr 267.716†	2496.2	0.1085	mg/L	0.00266	0.1085	mg/L	0.00266	2.45%
Cr 283.563†	89.9	0.1078	mg/L	0.00234	0.1078	mg/L	0.00234	2.17%
Cu 224.700†	10.6	0.1187	mg/L	0.01107	0.1187	mg/L	0.01107	9.33%
Cu 324.752†	348.2	0.09122	mg/L	0.001250	0.09122	mg/L	0.001250	1.37%
Cu 327.393†	5172.9	0.1009	mg/L	0.00139	0.1009	mg/L	0.00139	1.38%
Fe 238.204†	716.0	1.127	mg/L	0.0121	1.127	mg/L	0.0121	1.08%
Fe 239.562†	498.7	1.133	mg/L	0.0034	1.133	mg/L	0.0034	0.30%
Fe 259.939†	1399.2	1.133	mg/L	0.0073	1.133	mg/L	0.0073	0.64%
Fe 273.955†	261.0	1.247	mg/L	0.0168	1.247	mg/L	0.0168	1.35%
K 766.490†	12716.9	28.76	mg/L	0.163	28.76	mg/L	0.163	0.57%
Li 610.362†	233.6	0.04961	mg/L	0.015027	0.04961	mg/L	0.015027	30.29%
Li 670.784†	3877.7	0.09911	mg/L	0.001889	0.09911	mg/L	0.001889	1.91%
Mg 279.077†	4311.8	22.07	mg/L	0.165	22.07	mg/L	0.165	0.75%

Mg 280.271†	663231.6	21.02 mg/L	0.108	21.02 mg/L	0.108	0.51%
Mg 285.213†	19381.4	20.87 mg/L	0.233	20.87 mg/L	0.233	1.12%
Mn 257.610†	1131.9	0.1997 mg/L	0.00153	0.1997 mg/L	0.00153	0.76%
Mn 259.372†	1508.2	0.2012 mg/L	0.00155	0.2012 mg/L	0.00155	0.77%
Mn 260.568†	780.6	0.2000 mg/L	0.00071	0.2000 mg/L	0.00071	0.35%
Mo 202.031†	2.6	0.08657 mg/L	0.051263	0.08657 mg/L	0.051263	59.21%
Mo 203.845†	2.6	0.1603 mg/L	0.13339	0.1603 mg/L	0.13339	83.23%
Mo 204.597†	625.4	0.1007 mg/L	0.00139	0.1007 mg/L	0.00139	1.38%
Na 588.995†	353272.8	98.15 mg/L	0.425	98.15 mg/L	0.425	0.43%
Na 589.592†	395480.8	105.0 mg/L	0.45	105.0 mg/L	0.45	0.43%
Ni 221.648†	3.4	0.1005 mg/L	0.01944	0.1005 mg/L	0.01944	19.33%
Ni 231.604†	2302.9	0.2034 mg/L	0.00532	0.2034 mg/L	0.00532	2.62%
Ni 232.003†	12.2	0.1843 mg/L	0.01094	0.1843 mg/L	0.01094	5.94%
Pb 217.000†	4.5	0.4544 mg/L	0.08023	0.4544 mg/L	0.08023	17.66%
Pb 220.353†	1215.3	0.5152 mg/L	0.00518	0.5152 mg/L	0.00518	1.01%
Sb 206.836†	747.1	0.4615 mg/L	0.00601	0.4615 mg/L	0.00601	1.30%
Sb 217.582†	3.3	0.4909 mg/L	0.04284	0.4909 mg/L	0.04284	8.73%
Se 196.026†	452.5	0.5146 mg/L	0.00229	0.5146 mg/L	0.00229	0.44%
Se 203.985†	208.7	0.4840 mg/L	0.00350	0.4840 mg/L	0.00350	0.72%
Sn 189.927†	528.1	0.4918 mg/L	0.00337	0.4918 mg/L	0.00337	0.69%
Sn 235.485†	15.9	0.5778 mg/L	0.08194	0.5778 mg/L	0.08194	14.18%
Sr 407.771†	99587.3	0.9892 mg/L	0.00362	0.9892 mg/L	0.00362	0.37%
Sr 421.552†	162757.9	1.012 mg/L	0.0044	1.012 mg/L	0.0044	0.43%
Sr 460.733†	7084.5	0.9835 mg/L	0.01396	0.9835 mg/L	0.01396	1.42%
Ti 334.940†	900.1	0.1073 mg/L	0.00042	0.1073 mg/L	0.00042	0.39%
Ti 336.121†	759.1	0.1065 mg/L	0.00040	0.1065 mg/L	0.00040	0.38%
Ti 337.279†	291.1	0.1050 mg/L	0.00103	0.1050 mg/L	0.00103	0.98%
Tl 190.801†	333.0	0.5086 mg/L	0.00892	0.5086 mg/L	0.00892	1.75%
Tl 276.787†	2382.3	0.7249 mg/L	0.01835	0.7249 mg/L	0.01835	2.53%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	93.4	0.09687 mg/L	0.001162	0.09687 mg/L	0.001162	1.20%
V 309.310†	151.0	0.09026 mg/L	0.002762	0.09026 mg/L	0.002762	3.06%
V 310.230†	12928.1	0.1069 mg/L	0.00189	0.1069 mg/L	0.00189	1.77%
Zn 202.548†	208.1	0.9923 mg/L	0.00411	0.9923 mg/L	0.00411	0.41%
Zn 206.200†	81.0	0.9842 mg/L	0.01275	0.9842 mg/L	0.01275	1.29%
Zn 213.857†	409.3	1.025 mg/L	0.0099	1.025 mg/L	0.0099	0.97%

Sequence No.: 37
Sample ID: 2001AH01S02 Dup
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 8/30/01 11:56:17 AM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH01S02 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123225.0						1064.78	0.86%
Y 360.073	2916826.7						29237.21	1.00%
Ag 328.068†	138.7	0.00086	mg/L	0.000437	0.00086	mg/L	0.000437	50.63%
Ag 338.289†	8.7	0.00010	mg/L	0.000518	0.00010	mg/L	0.000518	506.92%
Al 308.215†	374.9	1.718	mg/L	0.0223	1.718	mg/L	0.0223	1.30%
Al 394.401†	793.7	1.687	mg/L	0.0502	1.687	mg/L	0.0502	2.97%
Al 396.153†	2774.9	1.682	mg/L	0.0508	1.682	mg/L	0.0508	3.02%
As 188.979†	0.5	0.1963	mg/L	0.17777	0.1963	mg/L	0.17777	90.55%
As 193.696†	2.9	0.00404	mg/L	0.003490	0.00404	mg/L	0.003490	86.35%
As 197.197†	-0.1	-0.05036	mg/L	0.396341	-0.05036	mg/L	0.396341	786.95%
B 208.889†	8.7	0.3584	mg/L	0.05514	0.3584	mg/L	0.05514	15.39%
B 249.677†	85.4	0.3467	mg/L	0.00984	0.3467	mg/L	0.00984	2.84%
B 249.772†	179.0	0.3433	mg/L	0.00529	0.3433	mg/L	0.00529	1.54%
Ba 233.527†	153.0	0.2638	mg/L	0.00665	0.2638	mg/L	0.00665	2.52%
Ba 455.403†	15954.7	0.2660	mg/L	0.00831	0.2660	mg/L	0.00831	3.12%
Ba 493.408†	26949.8	0.2659	mg/L	0.00810	0.2659	mg/L	0.00810	3.05%
Be 234.861†	-3071.8	-0.01126	mg/L	0.000095	-0.01126	mg/L	0.000095	0.84%
Be 313.042†	12.4	0.00053	mg/L	0.000055	0.00053	mg/L	0.000055	10.32%
Be 313.107†	12.4	0.00053	mg/L	0.000055	0.00053	mg/L	0.000055	10.32%
Ca 315.887†	7893.1	7.750	mg/L	0.2259	7.750	mg/L	0.2259	2.91%
Ca 317.933†	6757.2	7.048	mg/L	0.1863	7.048	mg/L	0.1863	2.64%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%

Cd 226.502†	23.5	0.00088	mg/L	0.000044	0.00088	mg/L	0.000044	4.99%
Cd 228.802†	0.6	0.00108	mg/L	0.001093	0.00108	mg/L	0.001093	100.89%
Ce 413.380†	-8.8	-0.00883	mg/L	0.012594	-0.00883	mg/L	0.012594	142.60%
Ce 413.764†	-0.3	-0.00026	mg/L	0.004720	-0.00026	mg/L	0.004720	>999.9%
Ce 418.660†	3.9	0.00189	mg/L	0.007986	0.00189	mg/L	0.007986	422.21%
Co 228.616†	45.7	0.00144	mg/L	0.000270	0.00144	mg/L	0.000270	18.83%
Co 230.786†	-0.2	-0.00167	mg/L	0.002343	-0.00167	mg/L	0.002343	139.98%
Co 238.892†	0.5	0.00233	mg/L	0.003615	0.00233	mg/L	0.003615	155.05%
Cr 205.560†	-0.1	-0.00417	mg/L	0.009638	-0.00417	mg/L	0.009638	231.17%
Cr 267.716†	205.4	0.00893	mg/L	0.000179	0.00893	mg/L	0.000179	2.01%
Cr 283.563†	7.2	0.00866	mg/L	0.001679	0.00866	mg/L	0.001679	19.40%
Cu 224.700†	36.4	0.4058	mg/L	0.02870	0.4058	mg/L	0.02870	7.07%
Cu 324.752†	1400.3	0.3669	mg/L	0.00861	0.3669	mg/L	0.00861	2.35%
Cu 327.393†	20102.4	0.3921	mg/L	0.00343	0.3921	mg/L	0.00343	0.87%
Fe 238.204†	1073.8	1.690	mg/L	0.0373	1.690	mg/L	0.0373	2.21%
Fe 239.562†	747.9	1.699	mg/L	0.0265	1.699	mg/L	0.0265	1.56%
Fe 259.939†	2095.7	1.698	mg/L	0.0392	1.698	mg/L	0.0392	2.31%
Fe 273.955†	394.3	1.883	mg/L	0.0310	1.883	mg/L	0.0310	1.65%
K 766.490†	1231.7	2.786	mg/L	0.0813	2.786	mg/L	0.0813	2.92%
Li 610.362†	-92.3	-0.01960	mg/L	0.008860	-0.01960	mg/L	0.008860	45.21%
Li 670.784†	-49.2	-0.00126	mg/L	0.001461	-0.00126	mg/L	0.001461	116.22%
Mg 279.077†	262.2	1.342	mg/L	0.0168	1.342	mg/L	0.0168	1.25%
Mg 280.271†	41284.8	1.308	mg/L	0.0343	1.308	mg/L	0.0343	2.62%
Mg 285.213†	1214.6	1.308	mg/L	0.0335	1.308	mg/L	0.0335	2.56%
Mn 257.610†	242.6	0.04281	mg/L	0.000497	0.04281	mg/L	0.000497	1.16%
Mn 259.372†	343.2	0.04410	mg/L	0.001108	0.04410	mg/L	0.001108	2.51%
Mn 260.568†	169.3	0.04338	mg/L	0.000934	0.04338	mg/L	0.000934	2.15%
Mo 202.031†	0.9	0.02870	mg/L	0.044248	0.02870	mg/L	0.044248	154.15%
Mo 203.845†	0.2	0.01408	mg/L	0.093268	0.01408	mg/L	0.093268	662.32%
Mo 204.597†	15.8	0.00255	mg/L	0.000351	0.00255	mg/L	0.000351	13.78%
Na 588.995†	188341.6	52.33	mg/L	0.446	52.33	mg/L	0.446	0.85%
Na 589.592†	209490.0	55.61	mg/L	0.522	55.61	mg/L	0.522	0.94%
Ni 221.648†	-1.5	-0.04572	mg/L	0.010566	-0.04572	mg/L	0.010566	23.11%
Ni 231.604†	113.4	0.01002	mg/L	0.000263	0.01002	mg/L	0.000263	2.63%
Ni 232.003†	0.1	0.00169	mg/L	0.012725	0.00169	mg/L	0.012725	754.68%
Pb 217.000†	1.0	0.09795	mg/L	0.156422	0.09795	mg/L	0.156422	159.69%
Pb 220.353†	35.8	0.01519	mg/L	0.000219	0.01519	mg/L	0.000219	1.44%
Sb 206.836†	10.0	0.00618	mg/L	0.001905	0.00618	mg/L	0.001905	30.84%
Sb 217.582†	0.0	0.00033	mg/L	0.082958	0.00033	mg/L	0.082958	>999.9%
Se 196.026†	8.9	0.01012	mg/L	0.001765	0.01012	mg/L	0.001765	17.43%
Se 203.985†	-0.7	-0.00164	mg/L	0.008553	-0.00164	mg/L	0.008553	522.98%
Sn 189.927†	2.7	0.00251	mg/L	0.001200	0.00251	mg/L	0.001200	47.80%
Sn 235.485†	3.9	0.1417	mg/L	0.06529	0.1417	mg/L	0.06529	46.08%
Sr 407.771†	1273.3	0.01265	mg/L	0.000347	0.01265	mg/L	0.000347	2.75%
Sr 421.552†	2095.3	0.01303	mg/L	0.000227	0.01303	mg/L	0.000227	1.74%
Sr 460.733†	73.7	0.01023	mg/L	0.000821	0.01023	mg/L	0.000821	8.02%
Ti 334.940†	271.2	0.03233	mg/L	0.001290	0.03233	mg/L	0.001290	3.99%
Ti 336.121†	224.7	0.03152	mg/L	0.001216	0.03152	mg/L	0.001216	3.86%
Ti 337.279†	84.7	0.03055	mg/L	0.001871	0.03055	mg/L	0.001871	6.13%
Tl 190.801†	3.1	0.00478	mg/L	0.000846	0.00478	mg/L	0.000846	17.71%
Tl 276.787†	161.8	0.04925	mg/L	0.009733	0.04925	mg/L	0.009733	19.76%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	0.1	0.00007	mg/L	0.002212	0.00007	mg/L	0.002212	>999.9%
V 309.310†	10.8	0.00647	mg/L	0.000990	0.00647	mg/L	0.000990	15.29%
V 310.230†	548.8	0.00454	mg/L	0.000519	0.00454	mg/L	0.000519	11.44%
Zn 202.548†	23.8	0.1106	mg/L	0.00638	0.1106	mg/L	0.00638	5.77%
Zn 206.200†	9.0	0.1093	mg/L	0.00487	0.1093	mg/L	0.00487	4.45%
Zn 213.857†	42.4	0.1060	mg/L	0.00501	0.1060	mg/L	0.00501	4.73%

Sequence No.: 38
Sample ID: 2001AH02S03 Dup
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 8/30/01 12:00:50 PM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH02S03 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Y 371.029	121305.1				81.86	0.07%
Y 360.073	2886875.1				24248.00	0.84%
Ag 328.068†	64.8	0.00040 mg/L	0.000362	0.00040 mg/L	0.000362	89.80%
Ag 338.289†	11.4	0.00013 mg/L	0.000718	0.00013 mg/L	0.000718	538.30%
Al 308.215†	310.1	1.421 mg/L	0.0120	1.421 mg/L	0.0120	0.84%
Al 394.401†	651.2	1.384 mg/L	0.0124	1.384 mg/L	0.0124	0.90%
Al 396.153†	2265.7	1.374 mg/L	0.0450	1.374 mg/L	0.0450	3.28%
As 188.979†	-0.3	-0.1305 mg/L	0.53704	-0.1305 mg/L	0.53704	411.66%
As 193.696†	3.4	0.00477 mg/L	0.000961	0.00477 mg/L	0.000961	20.15%
As 197.197†	0.0	0.01293 mg/L	0.108549	0.01293 mg/L	0.108549	839.24%
B 208.889†	9.2	0.3770 mg/L	0.10892	0.3770 mg/L	0.10892	28.89%
B 249.677†	67.1	0.2726 mg/L	0.00408	0.2726 mg/L	0.00408	1.50%
B 249.772†	142.7	0.2738 mg/L	0.00290	0.2738 mg/L	0.00290	1.06%
Ba 233.527†	162.0	0.2792 mg/L	0.00117	0.2792 mg/L	0.00117	0.42%
Ba 455.403†	16731.9	0.2790 mg/L	0.00714	0.2790 mg/L	0.00714	2.56%
Ba 493.408†	28297.7	0.2792 mg/L	0.00700	0.2792 mg/L	0.00700	2.51%
Be 234.861†	-1041.1	-0.00382 mg/L	0.000105	-0.00382 mg/L	0.000105	2.76%
Be 313.042†	7.7	0.00033 mg/L	0.000044	0.00033 mg/L	0.000044	13.34%
Be 313.107†	7.7	0.00033 mg/L	0.000044	0.00033 mg/L	0.000044	13.34%
Ca 315.887†	4907.8	4.819 mg/L	0.0873	4.819 mg/L	0.0873	1.81%
Ca 317.933†	4189.7	4.370 mg/L	0.0989	4.370 mg/L	0.0989	2.26%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	22.2	0.00083 mg/L	0.000084	0.00083 mg/L	0.000084	10.07%
Cd 228.802†	0.5	0.00087 mg/L	0.001102	0.00087 mg/L	0.001102	126.42%
Ce 413.380†	3.1	0.00314 mg/L	0.000850	0.00314 mg/L	0.000850	27.11%
Ce 413.764†	-7.7	-0.00761 mg/L	0.015206	-0.00761 mg/L	0.015206	199.70%
Ce 418.660†	-1.0	-0.00051 mg/L	0.003740	-0.00051 mg/L	0.003740	737.17%
Co 228.616†	16.9	0.00053 mg/L	0.000159	0.00053 mg/L	0.000159	29.91%
Co 230.786†	-0.6	-0.00415 mg/L	0.002042	-0.00415 mg/L	0.002042	49.23%
Co 238.892†	0.1	0.00038 mg/L	0.002623	0.00038 mg/L	0.002623	688.48%
Cr 205.560†	-0.3	-0.01178 mg/L	0.011504	-0.01178 mg/L	0.011504	97.66%
Cr 267.716†	316.1	0.01373 mg/L	0.000252	0.01373 mg/L	0.000252	1.83%
Cr 283.563†	11.5	0.01375 mg/L	0.001522	0.01375 mg/L	0.001522	11.07%
Cu 224.700†	14.2	0.1587 mg/L	0.00837	0.1587 mg/L	0.00837	5.28%
Cu 324.752†	540.6	0.1416 mg/L	0.00194	0.1416 mg/L	0.00194	1.37%
Cu 327.393†	7742.1	0.1510 mg/L	0.00587	0.1510 mg/L	0.00587	3.88%
Fe 238.204†	347.1	0.5462 mg/L	0.00764	0.5462 mg/L	0.00764	1.40%
Fe 239.562†	239.5	0.5439 mg/L	0.00793	0.5439 mg/L	0.00793	1.46%
Fe 259.939†	680.3	0.5511 mg/L	0.00643	0.5511 mg/L	0.00643	1.17%
Fe 273.955†	127.4	0.6086 mg/L	0.00486	0.6086 mg/L	0.00486	0.80%
K 766.490†	1055.6	2.387 mg/L	0.0317	2.387 mg/L	0.0317	1.33%
Li 610.362†	-58.3	-0.01238 mg/L	0.014396	-0.01238 mg/L	0.014396	116.30%
Li 670.784†	-71.5	-0.00183 mg/L	0.003226	-0.00183 mg/L	0.003226	176.63%
Mg 279.077†	243.2	1.245 mg/L	0.0200	1.245 mg/L	0.0200	1.60%
Mg 280.271†	38208.4	1.211 mg/L	0.0241	1.211 mg/L	0.0241	1.99%
Mg 285.213†	1108.5	1.194 mg/L	0.0078	1.194 mg/L	0.0078	0.65%
Mn 257.610†	449.8	0.07936 mg/L	0.000575	0.07936 mg/L	0.000575	0.72%
Mn 259.372†	592.2	0.07907 mg/L	0.000479	0.07907 mg/L	0.000479	0.61%
Mn 260.568†	308.6	0.07907 mg/L	0.000829	0.07907 mg/L	0.000829	1.05%
Mo 202.031†	-0.1	-0.00431 mg/L	0.006366	-0.00431 mg/L	0.006366	147.73%
Mo 203.845†	0.0	0.00146 mg/L	0.117097	0.00146 mg/L	0.117097	>999.9%
Mo 204.597†	5.9	0.00095 mg/L	0.000253	0.00095 mg/L	0.000253	26.46%
Na 588.995†	191451.7	53.19 mg/L	0.063	53.19 mg/L	0.063	0.12%
Na 589.592†	212720.0	56.47 mg/L	0.052	56.47 mg/L	0.052	0.09%
Ni 221.648†	-2.1	-0.06368 mg/L	0.011404	-0.06368 mg/L	0.011404	17.91%
Ni 231.604†	60.2	0.00531 mg/L	0.000516	0.00531 mg/L	0.000516	9.70%
Ni 232.003†	1.3	0.01989 mg/L	0.015500	0.01989 mg/L	0.015500	77.91%
Pb 217.000†	0.9	0.08905 mg/L	0.050494	0.08905 mg/L	0.050494	56.70%
Pb 220.353†	26.3	0.01114 mg/L	0.001144	0.01114 mg/L	0.001144	10.27%
Sb 206.836†	12.5	0.00774 mg/L	0.002875	0.00774 mg/L	0.002875	37.15%
Sb 217.582†	0.1	0.02036 mg/L	0.084228	0.02036 mg/L	0.084228	413.66%
Se 196.026†	113.8	0.1295 mg/L	0.00221	0.1295 mg/L	0.00221	1.70%
Se 203.985†	48.3	0.1120 mg/L	0.01198	0.1120 mg/L	0.01198	10.70%
Sn 189.927†	0.8	0.00073 mg/L	0.002302	0.00073 mg/L	0.002302	316.55%
Sn 235.485†	-0.2	-0.00638 mg/L	0.035577	-0.00638 mg/L	0.035577	557.99%
Sr 407.771†	617.1	0.00613 mg/L	0.000318	0.00613 mg/L	0.000318	5.19%
Sr 421.552†	987.5	0.00614 mg/L	0.000327	0.00614 mg/L	0.000327	5.33%
Sr 460.733†	58.2	0.00808 mg/L	0.012797	0.00808 mg/L	0.012797	158.45%
Ti 334.940†	127.4	0.01519 mg/L	0.000439	0.01519 mg/L	0.000439	2.89%
Ti 336.121†	99.8	0.01400 mg/L	0.000584	0.01400 mg/L	0.000584	4.17%

Ti 337.279†	34.0	0.01227 mg/L	0.001918	0.01227 mg/L	0.001918	15.63%
Tl 190.801†	1.1	0.00164 mg/L	0.004004	0.00164 mg/L	0.004004	244.10%
Tl 276.787†	93.4	0.02841 mg/L	0.002045	0.02841 mg/L	0.002045	7.20%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-2.5	-0.00262 mg/L	0.002040	-0.00262 mg/L	0.002040	77.94%
V 309.310†	5.2	0.00312 mg/L	0.001332	0.00312 mg/L	0.001332	42.62%
V 310.230†	609.2	0.00504 mg/L	0.000395	0.00504 mg/L	0.000395	7.84%
Zn 202.548†	46.4	0.2201 mg/L	0.01548	0.2201 mg/L	0.01548	7.03%
Zn 206.200†	18.2	0.2216 mg/L	0.00495	0.2216 mg/L	0.00495	2.23%
Zn 213.857†	89.2	0.2234 mg/L	0.00379	0.2234 mg/L	0.00379	1.70%

Sequence No.: 39
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 8/30/01 12:05:22 PM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	125109.5						1968.45	1.57%
Y 360.073	2946042.3						10553.74	0.36%
Ag 328.068†	8.9	0.00006	mg/L	0.000157	0.00006	mg/L	0.000157	283.39%
Ag 338.289†	8.9	0.00010	mg/L	0.001123	0.00010	mg/L	0.001123	>999.9%
Al 308.215†	13.6	0.06209	mg/L	0.003461	0.06209	mg/L	0.003461	5.57%
Al 394.401†	14.1	0.02998	mg/L	0.005476	0.02998	mg/L	0.005476	18.27%
Al 396.153†	41.9	0.02425	mg/L	0.004298	0.02425	mg/L	0.004298	17.72%
As 188.979†	-0.1	-0.02382	mg/L	0.444804	-0.02382	mg/L	0.444804	>999.9%
As 193.696†	3.0	0.00411	mg/L	0.002037	0.00411	mg/L	0.002037	49.56%
As 197.197†	0.3	0.1577	mg/L	0.20838	0.1577	mg/L	0.20838	132.17%
B 208.889†	0.5	0.02112	mg/L	0.059818	0.02112	mg/L	0.059818	283.25%
B 249.677†	1.5	0.00595	mg/L	0.002277	0.00595	mg/L	0.002277	38.30%
B 249.772†	-0.1	-0.00010	mg/L	0.000876	-0.00010	mg/L	0.000876	842.53%
Ba 233.527†	-0.6	-0.00096	mg/L	0.000821	-0.00096	mg/L	0.000821	85.72%
Ba 455.403†	-15.9	-0.00026	mg/L	0.000041	-0.00026	mg/L	0.000041	15.62%
Ba 493.408†	26.0	0.00026	mg/L	0.000348	0.00026	mg/L	0.000348	135.68%
Be 234.861†	-20.2	-0.00007	mg/L	0.000020	-0.00007	mg/L	0.000020	27.62%
Be 313.042†	8.9	0.00038	mg/L	0.000093	0.00038	mg/L	0.000093	24.39%
Be 313.107†	8.9	0.00038	mg/L	0.000093	0.00038	mg/L	0.000093	24.39%
Ca 315.887†	46.7	0.04586	mg/L	0.009059	0.04586	mg/L	0.009059	19.76%
Ca 317.933†	37.8	0.03939	mg/L	0.004053	0.03939	mg/L	0.004053	10.29%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	1.0	0.00004	mg/L	0.000078	0.00004	mg/L	0.000078	199.69%
Cd 228.802†	0.5	0.00086	mg/L	0.001456	0.00086	mg/L	0.001456	169.57%
Ce 413.380†	2.8	0.00276	mg/L	0.016224	0.00276	mg/L	0.016224	587.63%
Ce 413.764†	-9.3	-0.00931	mg/L	0.010923	-0.00931	mg/L	0.010923	117.38%
Ce 418.660†	13.2	0.00644	mg/L	0.006725	0.00644	mg/L	0.006725	104.41%
Co 228.616†	58.9	0.00185	mg/L	0.000262	0.00185	mg/L	0.000262	14.16%
Co 230.786†	0.0	0.00031	mg/L	0.004607	0.00031	mg/L	0.004607	>999.9%
Co 238.892†	0.8	0.00378	mg/L	0.005706	0.00378	mg/L	0.005706	150.94%
Cr 205.560†	0.0	0.00193	mg/L	0.006668	0.00193	mg/L	0.006668	345.06%
Cr 267.716†	1.0	0.00004	mg/L	0.000086	0.00004	mg/L	0.000086	200.45%
Cr 283.563†	-1.3	-0.00162	mg/L	0.002240	-0.00162	mg/L	0.002240	138.32%
Cu 224.700†	0.5	0.00526	mg/L	0.019281	0.00526	mg/L	0.019281	366.67%
Cu 324.752†	-12.3	-0.00323	mg/L	0.000169	-0.00323	mg/L	0.000169	5.22%
Cu 327.393†	-117.2	-0.00228	mg/L	0.000375	-0.00228	mg/L	0.000375	16.42%
Fe 238.204†	7.2	0.01126	mg/L	0.002115	0.01126	mg/L	0.002115	18.78%
Fe 239.562†	4.9	0.01124	mg/L	0.000454	0.01124	mg/L	0.000454	4.04%
Fe 259.939†	11.6	0.00936	mg/L	0.001213	0.00936	mg/L	0.001213	12.95%
Fe 273.955†	3.0	0.01421	mg/L	0.005890	0.01421	mg/L	0.005890	41.46%
K 766.490†	-60.4	-0.1365	mg/L	0.00803	-0.1365	mg/L	0.00803	5.88%
Li 610.362†	51.6	0.01096	mg/L	0.007847	0.01096	mg/L	0.007847	71.60%
Li 670.784†	-198.4	-0.00507	mg/L	0.001186	-0.00507	mg/L	0.001186	23.39%
Mg 279.077†	3.7	0.01882	mg/L	0.028982	0.01882	mg/L	0.028982	153.99%
Mg 280.271†	1119.0	0.03546	mg/L	0.000887	0.03546	mg/L	0.000887	2.50%
Mg 285.213†	33.8	0.03641	mg/L	0.001878	0.03641	mg/L	0.001878	5.16%
Mn 257.610†	-3.1	-0.00054	mg/L	0.000185	-0.00054	mg/L	0.000185	33.97%
Mn 259.372†	-0.2	-0.00018	mg/L	0.000652	-0.00018	mg/L	0.000652	354.99%

Mn 260.568†	-1.5	-0.00038 mg/L	0.000322	-0.00038 mg/L	0.000322	84.17%
Mo 202.031†	0.9	0.02958 mg/L	0.019143	0.02958 mg/L	0.019143	64.71%
Mo 203.845†	-0.8	-0.04921 mg/L	0.096673	-0.04921 mg/L	0.096673	196.45%
Mo 204.597†	1.8	0.00028 mg/L	0.000096	0.00028 mg/L	0.000096	33.67%
Na 588.995†	592.6	0.1646 mg/L	0.01689	0.1646 mg/L	0.01689	10.26%
Na 589.592†	516.2	0.1370 mg/L	0.01476	0.1370 mg/L	0.01476	10.77%
Ni 221.648†	0.2	0.00708 mg/L	0.021734	0.00708 mg/L	0.021734	306.86%
Ni 231.604†	18.1	0.00160 mg/L	0.000264	0.00160 mg/L	0.000264	16.56%
Ni 232.003†	-0.4	-0.00595 mg/L	0.004312	-0.00595 mg/L	0.004312	72.49%
Pb 217.000†	1.8	0.1814 mg/L	0.02779	0.1814 mg/L	0.02779	15.32%
Pb 220.353†	-1.2	-0.00050 mg/L	0.001534	-0.00050 mg/L	0.001534	307.95%
Sb 206.836†	4.6	0.00283 mg/L	0.000749	0.00283 mg/L	0.000749	26.50%
Sb 217.582†	0.1	0.01075 mg/L	0.082768	0.01075 mg/L	0.082768	769.76%
Se 196.026†	0.2	0.00027 mg/L	0.001762	0.00027 mg/L	0.001762	657.79%
Se 203.985†	2.9	0.00678 mg/L	0.004176	0.00678 mg/L	0.004176	61.62%
Sn 189.927†	0.2	0.00020 mg/L	0.000637	0.00020 mg/L	0.000637	319.55%
Sn 235.485†	-2.3	-0.08326 mg/L	0.045045	-0.08326 mg/L	0.045045	54.10%
Sr 407.771†	-4.3	-0.00004 mg/L	0.000009	-0.00004 mg/L	0.000009	21.62%
Sr 421.552†	-35.6	-0.00022 mg/L	0.000065	-0.00022 mg/L	0.000065	29.59%
Sr 460.733†	-46.6	-0.00646 mg/L	0.010938	-0.00646 mg/L	0.010938	169.25%
Ti 334.940†	2.9	0.00034 mg/L	0.000435	0.00034 mg/L	0.000435	126.60%
Ti 336.121†	-3.9	-0.00055 mg/L	0.000482	-0.00055 mg/L	0.000482	86.99%
Ti 337.279†	-4.7	-0.00170 mg/L	0.000704	-0.00170 mg/L	0.000704	41.45%
Tl 190.801†	1.9	0.00293 mg/L	0.001316	0.00293 mg/L	0.001316	44.85%
Tl 276.787†	6.1	0.00185 mg/L	0.004045	0.00185 mg/L	0.004045	218.39%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-2.7	-0.00282 mg/L	0.001759	-0.00282 mg/L	0.001759	62.41%
V 309.310†	4.8	0.00286 mg/L	0.001061	0.00286 mg/L	0.001061	37.08%
V 310.230†	212.0	0.00175 mg/L	0.000330	0.00175 mg/L	0.000330	18.85%
Zn 202.548†	1.4	0.00647 mg/L	0.002346	0.00647 mg/L	0.002346	36.26%
Zn 206.200†	0.4	0.00529 mg/L	0.003160	0.00529 mg/L	0.003160	59.70%
Zn 213.857†	-2.4	-0.00603 mg/L	0.003982	-0.00603 mg/L	0.003982	66.04%

Sequence No.: 40 **Autosampler Location: 1**
Sample ID: BLANK **Date Collected: 8/30/01 12:09:54 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	121811.2						1647.99	1.35%
Y 360.073	2916218.4						46049.29	1.58%
Ag 328.068†	44.1	0.00027	mg/L	0.000331	0.00027	mg/L	0.000331	120.35%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	15.3	0.00018	mg/L	0.000623	0.00018	mg/L	0.000623	347.78%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	3.9	0.01764	mg/L	0.004679	0.01764	mg/L	0.004679	26.52%
QC value within limits for Al 308.215 Recovery = Not calculated								
Al 394.401†	1.1	0.00244	mg/L	0.006495	0.00244	mg/L	0.006495	265.71%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	0.4	-0.00074	mg/L	0.007108	-0.00074	mg/L	0.007108	960.29%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-1.3	-0.5031	mg/L	0.15220	-0.5031	mg/L	0.15220	30.26%
QC value within limits for As 188.979 Recovery = Not calculated								
As 193.696†	-0.5	-0.00064	mg/L	0.002249	-0.00064	mg/L	0.002249	353.20%
QC value within limits for As 193.696 Recovery = Not calculated								
As 197.197†	-0.2	-0.08718	mg/L	0.295642	-0.08718	mg/L	0.295642	339.14%
QC value within limits for As 197.197 Recovery = Not calculated								
B 208.889†	-0.3	-0.01053	mg/L	0.034582	-0.01053	mg/L	0.034582	328.46%
QC value within limits for B 208.889 Recovery = Not calculated								
B 249.677†	-1.4	-0.00568	mg/L	0.010228	-0.00568	mg/L	0.010228	179.92%
QC value within limits for B 249.677 Recovery = Not calculated								
B 249.772†	4.2	0.00801	mg/L	0.001361	0.00801	mg/L	0.001361	16.98%
QC value within limits for B 249.772 Recovery = Not calculated								
Ba 233.527†	0.4	0.00065	mg/L	0.002049	0.00065	mg/L	0.002049	314.59%
QC value within limits for Ba 233.527 Recovery = Not calculated								

Ba 455.403†	-10.8	-0.00018 mg/L	0.000035	-0.00018 mg/L	0.000035	19.65%
QC value within limits for Ba 455.403 Recovery = Not calculated						
Ba 493.408†	-2.3	-0.00002 mg/L	0.000097	-0.00002 mg/L	0.000097	437.31%
QC value within limits for Ba 493.408 Recovery = Not calculated						
Be 234.861†	0.6	0.00000 mg/L	0.000042	0.00000 mg/L	0.000042	>999.9%
QC value within limits for Be 234.861 Recovery = Not calculated						
Be 313.042†	4.8	0.00021 mg/L	0.000088	0.00021 mg/L	0.000088	42.84%
QC value within limits for Be 313.042 Recovery = Not calculated						
Be 313.107†	4.8	0.00021 mg/L	0.000088	0.00021 mg/L	0.000088	42.84%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.887†	-5.1	-0.00502 mg/L	0.000751	-0.00502 mg/L	0.000751	14.98%
QC value within limits for Ca 315.887 Recovery = Not calculated						
Ca 317.933†	3.2	0.00333 mg/L	0.003852	0.00333 mg/L	0.003852	115.72%
QC value within limits for Ca 317.933 Recovery = Not calculated						
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value within limits for Cd 214.440 Recovery = Not calculated						
Cd 226.502†	-1.0	-0.00004 mg/L	0.000089	-0.00004 mg/L	0.000089	245.90%
QC value within limits for Cd 226.502 Recovery = Not calculated						
Cd 228.802†	-0.2	-0.00038 mg/L	0.001116	-0.00038 mg/L	0.001116	292.62%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Ce 413.380†	0.7	0.00068 mg/L	0.005770	0.00068 mg/L	0.005770	845.00%
QC value within limits for Ce 413.380 Recovery = Not calculated						
Ce 413.764†	-2.8	-0.00274 mg/L	0.007004	-0.00274 mg/L	0.007004	255.56%
QC value within limits for Ce 413.764 Recovery = Not calculated						
Ce 418.660†	0.6	0.00030 mg/L	0.005320	0.00030 mg/L	0.005320	>999.9%
QC value within limits for Ce 418.660 Recovery = Not calculated						
Co 228.616†	2.2	0.00007 mg/L	0.000389	0.00007 mg/L	0.000389	564.93%
QC value within limits for Co 228.616 Recovery = Not calculated						
Co 230.786†	-0.3	-0.00200 mg/L	0.003468	-0.00200 mg/L	0.003468	173.78%
QC value within limits for Co 230.786 Recovery = Not calculated						
Co 238.892†	-0.2	-0.00107 mg/L	0.006042	-0.00107 mg/L	0.006042	564.28%
QC value within limits for Co 238.892 Recovery = Not calculated						
Cr 205.560†	-0.3	-0.01242 mg/L	0.002906	-0.01242 mg/L	0.002906	23.40%
QC value within limits for Cr 205.560 Recovery = Not calculated						
Cr 267.716†	0.6	0.00003 mg/L	0.000131	0.00003 mg/L	0.000131	463.70%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cr 283.563†	0.4	0.00047 mg/L	0.000876	0.00047 mg/L	0.000876	188.04%
QC value within limits for Cr 283.563 Recovery = Not calculated						
Cu 224.700†	0.5	0.00578 mg/L	0.004099	0.00578 mg/L	0.004099	70.96%
QC value within limits for Cu 224.700 Recovery = Not calculated						
Cu 324.752†	-9.3	-0.00245 mg/L	0.001026	-0.00245 mg/L	0.001026	41.93%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Cu 327.393†	-117.2	-0.00229 mg/L	0.000172	-0.00229 mg/L	0.000172	7.52%
QC value within limits for Cu 327.393 Recovery = Not calculated						
Fe 238.204†	-0.4	-0.00060 mg/L	0.000510	-0.00060 mg/L	0.000510	84.84%
QC value within limits for Fe 238.204 Recovery = Not calculated						
Fe 239.562†	0.2	0.00041 mg/L	0.001796	0.00041 mg/L	0.001796	443.19%
QC value within limits for Fe 239.562 Recovery = Not calculated						
Fe 259.939†	-1.6	-0.00133 mg/L	0.000970	-0.00133 mg/L	0.000970	72.99%
QC value within limits for Fe 259.939 Recovery = Not calculated						
Fe 273.955†	-0.3	-0.00166 mg/L	0.008164	-0.00166 mg/L	0.008164	493.07%
QC value within limits for Fe 273.955 Recovery = Not calculated						
K 766.490†	-29.8	-0.06740 mg/L	0.060859	-0.06740 mg/L	0.060859	90.30%
QC value within limits for K 766.490 Recovery = Not calculated						
Li 610.362†	-59.5	-0.01263 mg/L	0.025684	-0.01263 mg/L	0.025684	203.29%
QC value within limits for Li 610.362 Recovery = Not calculated						
Li 670.784†	-52.2	-0.00134 mg/L	0.000364	-0.00134 mg/L	0.000364	27.27%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	0.6	0.00290 mg/L	0.024241	0.00290 mg/L	0.024241	836.53%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mg 280.271†	-52.0	-0.00165 mg/L	0.000012	-0.00165 mg/L	0.000012	0.70%
QC value within limits for Mg 280.271 Recovery = Not calculated						
Mg 285.213†	-0.5	-0.00058 mg/L	0.000141	-0.00058 mg/L	0.000141	24.15%
QC value within limits for Mg 285.213 Recovery = Not calculated						
Mn 257.610†	-2.3	-0.00040 mg/L	0.000069	-0.00040 mg/L	0.000069	17.44%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mn 259.372†	0.4	-0.00008 mg/L	0.000274	-0.00008 mg/L	0.000274	360.04%
QC value within limits for Mn 259.372 Recovery = Not calculated						
Mn 260.568†	-1.4	-0.00037 mg/L	0.000152	-0.00037 mg/L	0.000152	41.21%
QC value within limits for Mn 260.568 Recovery = Not calculated						

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Mo 202.031†                0.9     0.02857 mg/L      0.031936     0.02857 mg/L      0.031936 111.78%
   QC value within limits for Mo 202.031  Recovery = Not calculated
Mo 203.845†               -0.8    -0.04911 mg/L      0.044961    -0.04911 mg/L      0.044961  91.55%
   QC value within limits for Mo 203.845  Recovery = Not calculated
Mo 204.597†                0.8     0.00012 mg/L      0.000535     0.00012 mg/L      0.000535 430.61%
   QC value within limits for Mo 204.597  Recovery = Not calculated
Na 588.995†              529.6      0.1471 mg/L       0.00952      0.1471 mg/L       0.00952   6.47%
   QC value within limits for Na 588.995  Recovery = Not calculated
Na 589.592†              561.7      0.1491 mg/L       0.02505      0.1491 mg/L       0.02505  16.80%
   QC value within limits for Na 589.592  Recovery = Not calculated
Ni 221.648†                0.2     0.00463 mg/L      0.010433     0.00463 mg/L      0.010433 225.48%
   QC value within limits for Ni 221.648  Recovery = Not calculated
Ni 231.604†                1.9     0.00017 mg/L      0.000185     0.00017 mg/L      0.000185 107.85%
   QC value within limits for Ni 231.604  Recovery = Not calculated
Ni 232.003†               -0.1    -0.00164 mg/L      0.015546    -0.00164 mg/L      0.015546 950.18%
   QC value within limits for Ni 232.003  Recovery = Not calculated
Pb 217.000†                0.3     0.03525 mg/L      0.022057     0.03525 mg/L      0.022057  62.58%
   QC value within limits for Pb 217.000  Recovery = Not calculated
Pb 220.353†               -1.4    -0.00059 mg/L      0.002360    -0.00059 mg/L      0.002360 400.02%
   QC value within limits for Pb 220.353  Recovery = Not calculated
Sb 206.836†                4.4     0.00274 mg/L      0.001163     0.00274 mg/L      0.001163  42.38%
   QC value within limits for Sb 206.836  Recovery = Not calculated
Sb 217.582†               -0.3    -0.03805 mg/L      0.108798    -0.03805 mg/L      0.108798 285.92%
   QC value within limits for Sb 217.582  Recovery = Not calculated
Se 196.026†               -0.2    -0.00018 mg/L      0.002604    -0.00018 mg/L      0.002604 >999.9%
   QC value within limits for Se 196.026  Recovery = Not calculated
Se 203.985†                1.7     0.00385 mg/L      0.003488     0.00385 mg/L      0.003488  90.58%
   QC value within limits for Se 203.985  Recovery = Not calculated
Sn 189.927†                1.0     0.00092 mg/L      0.000350     0.00092 mg/L      0.000350  37.96%
   QC value within limits for Sn 189.927  Recovery = Not calculated
Sn 235.485†               -2.2    -0.07882 mg/L      0.006961    -0.07882 mg/L      0.006961   8.83%
   QC value within limits for Sn 235.485  Recovery = Not calculated
Sr 407.771†                3.4     0.00003 mg/L      0.000013     0.00003 mg/L      0.000013  37.88%
   QC value within limits for Sr 407.771  Recovery = Not calculated
Sr 421.552†              -11.1    -0.00007 mg/L      0.000179    -0.00007 mg/L      0.000179 259.45%
   QC value within limits for Sr 421.552  Recovery = Not calculated
Sr 460.733†              -17.3    -0.00241 mg/L      0.004965    -0.00241 mg/L      0.004965 206.40%
   QC value within limits for Sr 460.733  Recovery = Not calculated
Ti 334.940†                2.3     0.00027 mg/L      0.000326     0.00027 mg/L      0.000326 121.19%
   QC value within limits for Ti 334.940  Recovery = Not calculated
Ti 336.121†               -3.9    -0.00055 mg/L      0.000294    -0.00055 mg/L      0.000294  53.42%
   QC value within limits for Ti 336.121  Recovery = Not calculated
Ti 337.279†               -5.0    -0.00180 mg/L      0.000651    -0.00180 mg/L      0.000651  36.20%
   QC value within limits for Ti 337.279  Recovery = Not calculated
Tl 190.801†                1.4     0.00219 mg/L      0.000637     0.00219 mg/L      0.000637  29.16%
   QC value within limits for Tl 190.801  Recovery = Not calculated
Tl 276.787†               -0.7    -0.00021 mg/L      0.003153    -0.00021 mg/L      0.003153 >999.9%
   QC value within limits for Tl 276.787  Recovery = Not calculated
Tl 351.924†                0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Tl 351.924  Recovery = Not calculated
V 290.880†                -3.5    -0.00362 mg/L      0.001046    -0.00362 mg/L      0.001046  28.92%
   QC value within limits for V 290.880  Recovery = Not calculated
V 309.310†                 2.4     0.00143 mg/L      0.000514     0.00143 mg/L      0.000514  35.91%
   QC value within limits for V 309.310  Recovery = Not calculated
V 310.230†               256.3     0.00212 mg/L      0.000263     0.00212 mg/L      0.000263  12.39%
   QC value within limits for V 310.230  Recovery = Not calculated
Zn 202.548†                1.5     0.00734 mg/L      0.003520     0.00734 mg/L      0.003520  47.96%
   QC value within limits for Zn 202.548  Recovery = Not calculated
Zn 206.200†                0.5     0.00646 mg/L      0.007305     0.00646 mg/L      0.007305 113.16%
   QC value within limits for Zn 206.200  Recovery = Not calculated
Zn 213.857†               -2.2    -0.00552 mg/L      0.001158    -0.00552 mg/L      0.001158  20.96%
   QC value within limits for Zn 213.857  Recovery = Not calculated
All analytes passed QC.
```

Sequence No.: 41
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 12:14:20 PM

Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	121961.5						784.32	0.64%
Y 360.073	2918825.5						37651.17	1.29%
Ag 328.068†	27520.9	0.1714	mg/L	0.00171	0.1714	mg/L	0.00171	1.00%
Ag 338.289†	14736.8	0.1727	mg/L	0.00150	0.1727	mg/L	0.00150	0.87%
Al 308.215†	223.3	1.023	mg/L	0.0146	1.023	mg/L	0.0146	1.43%
QC value within limits for Al 308.215 Recovery = 102.27%								
Al 394.401†	463.6	0.9856	mg/L	0.00426	0.9856	mg/L	0.00426	0.43%
QC value within limits for Al 394.401 Recovery = 98.56%								
Al 396.153†	1665.5	1.007	mg/L	0.0057	1.007	mg/L	0.0057	0.56%
QC value within limits for Al 396.153 Recovery = 100.67%								
As 188.979†	5.0	1.906	mg/L	0.0865	1.906	mg/L	0.0865	4.54%
QC value within limits for As 188.979 Recovery = 95.30%								
As 193.696†	1456.9	2.025	mg/L	0.0236	2.025	mg/L	0.0236	1.16%
QC value within limits for As 193.696 Recovery = 101.24%								
As 197.197†	3.9	2.092	mg/L	0.2959	2.092	mg/L	0.2959	14.15%
QC value within limits for As 197.197 Recovery = 104.60%								
B 208.889†	23.3	0.9578	mg/L	0.02642	0.9578	mg/L	0.02642	2.76%
QC value within limits for B 208.889 Recovery = 95.78%								
B 249.677†	228.2	0.9268	mg/L	0.00649	0.9268	mg/L	0.00649	0.70%
QC value within limits for B 249.677 Recovery = 92.68%								
B 249.772†	474.0	0.9094	mg/L	0.00497	0.9094	mg/L	0.00497	0.55%
QC value within limits for B 249.772 Recovery = 90.94%								
Ba 233.527†	569.5	0.9815	mg/L	0.01683	0.9815	mg/L	0.01683	1.71%
QC value within limits for Ba 233.527 Recovery = 98.15%								
Ba 455.403†	58744.0	0.9795	mg/L	0.00531	0.9795	mg/L	0.00531	0.54%
QC value within limits for Ba 455.403 Recovery = 97.95%								
Ba 493.408†	99126.3	0.9779	mg/L	0.00498	0.9779	mg/L	0.00498	0.51%
QC value within limits for Ba 493.408 Recovery = 97.79%								
Be 234.861†	292599.6	1.072	mg/L	0.0231	1.072	mg/L	0.0231	2.15%
QC value within limits for Be 234.861 Recovery = 107.24%								
Be 313.042†	22779.0	0.9738	mg/L	0.00648	0.9738	mg/L	0.00648	0.67%
QC value within limits for Be 313.042 Recovery = 97.38%								
Be 313.107†	22779.0	0.9738	mg/L	0.00648	0.9738	mg/L	0.00648	0.67%
QC value within limits for Be 313.107 Recovery = 97.38%								
Ca 315.887†	1124.2	1.104	mg/L	0.0152	1.104	mg/L	0.0152	1.38%
QC value greater than the upper limit for Ca 315.887 Recovery = 110.39%								
Ca 317.933†	959.0	1.000	mg/L	0.0099	1.000	mg/L	0.0099	0.99%
QC value within limits for Ca 317.933 Recovery = 100.03%								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%								
Cd 226.502†	26415.8	0.9894	mg/L	0.01118	0.9894	mg/L	0.01118	1.13%
QC value within limits for Cd 226.502 Recovery = 98.94%								
Cd 228.802†	581.9	0.9835	mg/L	0.00807	0.9835	mg/L	0.00807	0.82%
QC value within limits for Cd 228.802 Recovery = 98.35%								
Ce 413.380†	979.8	0.9814	mg/L	0.02961	0.9814	mg/L	0.02961	3.02%
QC value within limits for Ce 413.380 Recovery = 98.14%								
Ce 413.764†	968.4	0.9638	mg/L	0.00737	0.9638	mg/L	0.00737	0.76%
QC value within limits for Ce 413.764 Recovery = 96.38%								
Ce 418.660†	2044.3	0.9996	mg/L	0.00183	0.9996	mg/L	0.00183	0.18%
QC value within limits for Ce 418.660 Recovery = 99.96%								
Co 228.616†	31357.2	0.9857	mg/L	0.00487	0.9857	mg/L	0.00487	0.49%
QC value within limits for Co 228.616 Recovery = 98.57%								
Co 230.786†	139.4	0.9559	mg/L	0.00112	0.9559	mg/L	0.00112	0.12%
QC value within limits for Co 230.786 Recovery = 95.59%								
Co 238.892†	209.3	0.9623	mg/L	0.00407	0.9623	mg/L	0.00407	0.42%
QC value within limits for Co 238.892 Recovery = 96.23%								
Cr 205.560†	21.3	0.9610	mg/L	0.06340	0.9610	mg/L	0.06340	6.60%
QC value within limits for Cr 205.560 Recovery = 96.10%								
Cr 267.716†	22438.3	0.9749	mg/L	0.00828	0.9749	mg/L	0.00828	0.85%
QC value within limits for Cr 267.716 Recovery = 97.49%								
Cr 283.563†	807.2	0.9684	mg/L	0.00506	0.9684	mg/L	0.00506	0.52%
QC value within limits for Cr 283.563 Recovery = 96.84%								
Cu 224.700†	85.5	0.9542	mg/L	0.01247	0.9542	mg/L	0.01247	1.31%
QC value within limits for Cu 224.700 Recovery = 95.42%								
Cu 324.752†	3601.8	0.9437	mg/L	0.01655	0.9437	mg/L	0.01655	1.75%

QC value within limits for Cu 324.752 Recovery = 94.37%

Cu 327.393†	49230.3	0.9602 mg/L	0.00903	0.9602 mg/L	0.00903	0.94%

QC value within limits for Cu 327.393 Recovery = 96.02%

Fe 238.204†	624.8	0.9833 mg/L	0.00383	0.9833 mg/L	0.00383	0.39%

QC value within limits for Fe 238.204 Recovery = 98.33%

Fe 239.562†	435.3	0.9885 mg/L	0.00848	0.9885 mg/L	0.00848	0.86%

QC value within limits for Fe 239.562 Recovery = 98.85%

Fe 259.939†	1219.7	0.9880 mg/L	0.00492	0.9880 mg/L	0.00492	0.50%

QC value within limits for Fe 259.939 Recovery = 98.80%

Fe 273.955†	228.6	1.092 mg/L	0.0063	1.092 mg/L	0.0063	0.58%

QC value within limits for Fe 273.955 Recovery = 109.21%

K 766.490†	2262.6	5.117 mg/L	0.0617	5.117 mg/L	0.0617	1.21%

QC value within limits for K 766.490 Recovery = 102.35%

Li 610.362†	4688.8	0.9958 mg/L	0.02164	0.9958 mg/L	0.02164	2.17%

QC value within limits for Li 610.362 Recovery = 99.58%

Li 670.784†	38547.6	0.9852 mg/L	0.00214	0.9852 mg/L	0.00214	0.22%

QC value within limits for Li 670.784 Recovery = 98.52%

Mg 279.077†	206.9	1.059 mg/L	0.0084	1.059 mg/L	0.0084	0.79%

QC value within limits for Mg 279.077 Recovery = 105.91%

Mg 280.271†	31673.8	1.004 mg/L	0.0052	1.004 mg/L	0.0052	0.52%

QC value within limits for Mg 280.271 Recovery = 100.37%

Mg 285.213†	930.5	1.002 mg/L	0.0082	1.002 mg/L	0.0082	0.82%

QC value within limits for Mg 285.213 Recovery = 100.21%

Mn 257.610†	5518.7	0.9738 mg/L	0.00585	0.9738 mg/L	0.00585	0.60%

QC value within limits for Mn 257.610 Recovery = 97.38%

Mn 259.372†	7286.0	0.9751 mg/L	0.00055	0.9751 mg/L	0.00055	0.06%

QC value within limits for Mn 259.372 Recovery = 97.51%

Mn 260.568†	3807.8	0.9757 mg/L	0.00996	0.9757 mg/L	0.00996	1.02%

QC value within limits for Mn 260.568 Recovery = 97.57%

Mo 202.031†	25.5	0.8516 mg/L	0.04256	0.8516 mg/L	0.04256	5.00%

QC value less than the lower limit for Mo 202.031 Recovery = 85.16%

Mo 203.845†	15.5	0.9614 mg/L	0.04728	0.9614 mg/L	0.04728	4.92%

QC value within limits for Mo 203.845 Recovery = 96.14%

Mo 204.597†	5395.9	0.8688 mg/L	0.00725	0.8688 mg/L	0.00725	0.83%

QC value less than the lower limit for Mo 204.597 Recovery = 86.88%

Na 588.995†	3903.2	1.084 mg/L	0.0065	1.084 mg/L	0.0065	0.60%
Na 589.592†	4285.5	1.138 mg/L	0.0070	1.138 mg/L	0.0070	0.62%
Ni 221.648†	32.5	0.9657 mg/L	0.04896	0.9657 mg/L	0.04896	5.07%

QC value within limits for Ni 221.648 Recovery = 96.57%

Ni 231.604†	11421.2	1.009 mg/L	0.0066	1.009 mg/L	0.0066	0.66%

QC value within limits for Ni 231.604 Recovery = 100.88%

Ni 232.003†	64.9	0.9808 mg/L	0.01819	0.9808 mg/L	0.01819	1.85%

QC value within limits for Ni 232.003 Recovery = 98.08%

Pb 217.000†	19.0	1.938 mg/L	0.0580	1.938 mg/L	0.0580	2.99%

QC value within limits for Pb 217.000 Recovery = 96.89%

Pb 220.353†	4698.2	1.992 mg/L	0.0213	1.992 mg/L	0.0213	1.07%

QC value within limits for Pb 220.353 Recovery = 99.59%

Sb 206.836†	2962.2	1.830 mg/L	0.0186	1.830 mg/L	0.0186	1.01%

QC value within limits for Sb 206.836 Recovery = 91.49%

Sb 217.582†	11.6	1.717 mg/L	0.0068	1.717 mg/L	0.0068	0.40%

QC value less than the lower limit for Sb 217.582 Recovery = 85.84%

Se 196.026†	938.1	1.067 mg/L	0.0182	1.067 mg/L	0.0182	1.70%

QC value within limits for Se 196.026 Recovery = 106.69%

Se 203.985†	475.9	1.103 mg/L	0.0177	1.103 mg/L	0.0177	1.60%

QC value greater than the upper limit for Se 203.985 Recovery = 110.35%

Sn 189.927†	4756.4	4.429 mg/L	0.0357	4.429 mg/L	0.0357	0.81%

QC value less than the lower limit for Sn 189.927 Recovery = 88.57%

Sn 235.485†	123.6	4.478 mg/L	0.0562	4.478 mg/L	0.0562	1.25%

QC value less than the lower limit for Sn 235.485 Recovery = 89.56%

Sr 407.771†	96288.9	0.9564 mg/L	0.00637	0.9564 mg/L	0.00637	0.67%

QC value within limits for Sr 407.771 Recovery = 95.64%

Sr 421.552†	158378.7	0.9846 mg/L	0.00559	0.9846 mg/L	0.00559	0.57%

QC value within limits for Sr 421.552 Recovery = 98.46%

Sr 460.733†	6868.4	0.9535 mg/L	0.00967	0.9535 mg/L	0.00967	1.01%

QC value within limits for Sr 460.733 Recovery = 95.35%

Ti 334.940†	7415.0	0.8838 mg/L	0.00688	0.8838 mg/L	0.00688	0.78%

QC value less than the lower limit for Ti 334.940 Recovery = 88.38%

Ti 336.121†	6282.8	0.8813 mg/L	0.00159	0.8813 mg/L	0.00159	0.18%

QC value less than the lower limit for Ti 336.121 Recovery = 88.13%

Ti 337.279†	2442.8	0.8813 mg/L	0.00278	0.8813 mg/L	0.00278	0.32%

QC value less than the lower limit for Ti 337.279 Recovery = 88.13%

Tl 190.801†	3317.8	5.068 mg/L	0.0573	5.068 mg/L	0.0573	1.13%
QC value within limits for Tl 190.801 Recovery = 101.35%						
Tl 276.787†	15722.9	4.785 mg/L	0.0329	4.785 mg/L	0.0329	0.69%
QC value within limits for Tl 276.787 Recovery = 95.69%						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value less than the lower limit for Tl 351.924 Recovery = 0.00%						
V 290.880†	929.0	0.9631 mg/L	0.00442	0.9631 mg/L	0.00442	0.46%
QC value within limits for V 290.880 Recovery = 96.31%						
V 309.310†	1615.9	0.9662 mg/L	0.00601	0.9662 mg/L	0.00601	0.62%
QC value within limits for V 309.310 Recovery = 96.62%						
V 310.230†	120001.2	0.9919 mg/L	0.02088	0.9919 mg/L	0.02088	2.11%
QC value within limits for V 310.230 Recovery = 99.19%						
Zn 202.548†	198.2	0.9387 mg/L	0.01427	0.9387 mg/L	0.01427	1.52%
QC value within limits for Zn 202.548 Recovery = 93.87%						
Zn 206.200†	78.8	0.9572 mg/L	0.01208	0.9572 mg/L	0.01208	1.26%
QC value within limits for Zn 206.200 Recovery = 95.72%						
Zn 213.857†	385.4	0.9607 mg/L	0.00777	0.9607 mg/L	0.00777	0.81%
QC value within limits for Zn 213.857 Recovery = 96.07%						

QC Failed. Continue with analysis.

Sequence No.: 42
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 12:19:44 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123108.0						2290.05	1.86%
Y 360.073	2912353.3						24972.36	0.86%
Ag 328.068†	7556.4	0.04706	mg/L	0.000599	0.04706	mg/L	0.000599	1.27%
QC value within limits for Ag 328.068 Recovery = 94.13%								
Ag 338.289†	4119.7	0.04827	mg/L	0.000553	0.04827	mg/L	0.000553	1.15%
QC value within limits for Ag 338.289 Recovery = 96.54%								
Al 308.215†	8.0	0.03653	mg/L	0.003170	0.03653	mg/L	0.003170	8.68%
Al 394.401†	7.8	0.01660	mg/L	0.000577	0.01660	mg/L	0.000577	3.48%
Al 396.153†	22.9	0.01235	mg/L	0.002069	0.01235	mg/L	0.002069	16.75%
As 188.979†	-0.8	-0.2934	mg/L	0.35813	-0.2934	mg/L	0.35813	122.06%
As 193.696†	1.4	0.00198	mg/L	0.000580	0.00198	mg/L	0.000580	29.26%
As 197.197†	0.4	0.1978	mg/L	0.29046	0.1978	mg/L	0.29046	146.88%
B 208.889†	1.7	0.06988	mg/L	0.041878	0.06988	mg/L	0.041878	59.93%
B 249.677†	6.7	0.02725	mg/L	0.013803	0.02725	mg/L	0.013803	50.65%
B 249.772†	11.8	0.02269	mg/L	0.001109	0.02269	mg/L	0.001109	4.89%
Ba 233.527†	0.1	0.00010	mg/L	0.000984	0.00010	mg/L	0.000984	>999.9%
Ba 455.403†	11.2	0.00019	mg/L	0.000078	0.00019	mg/L	0.000078	41.71%
Ba 493.408†	10.1	0.00010	mg/L	0.000721	0.00010	mg/L	0.000721	720.86%
Be 234.861†	18.9	0.00007	mg/L	0.000035	0.00007	mg/L	0.000035	50.82%
Be 313.042†	10.7	0.00046	mg/L	0.000124	0.00046	mg/L	0.000124	27.14%
Be 313.107†	10.7	0.00046	mg/L	0.000124	0.00046	mg/L	0.000124	27.14%
Ca 315.887†	30.9	0.03039	mg/L	0.003805	0.03039	mg/L	0.003805	12.52%
Ca 317.933†	29.8	0.03108	mg/L	0.003427	0.03108	mg/L	0.003427	11.03%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	4.9	0.00018	mg/L	0.000040	0.00018	mg/L	0.000040	21.73%
Cd 228.802†	0.6	0.00101	mg/L	0.001362	0.00101	mg/L	0.001362	134.86%
Ce 413.380†	-7.7	-0.00772	mg/L	0.010308	-0.00772	mg/L	0.010308	133.59%
Ce 413.764†	-2.2	-0.00217	mg/L	0.017204	-0.00217	mg/L	0.017204	791.02%
Ce 418.660†	12.7	0.00620	mg/L	0.004268	0.00620	mg/L	0.004268	68.80%
Co 228.616†	-4.3	-0.00013	mg/L	0.000314	-0.00013	mg/L	0.000314	233.85%
Co 230.786†	-0.6	-0.00436	mg/L	0.001200	-0.00436	mg/L	0.001200	27.50%
Co 238.892†	-0.0	-0.00007	mg/L	0.004877	-0.00007	mg/L	0.004877	>999.9%
Cr 205.560†	-0.1	-0.00672	mg/L	0.007049	-0.00672	mg/L	0.007049	104.94%
Cr 267.716†	11.6	0.00051	mg/L	0.000133	0.00051	mg/L	0.000133	26.40%
Cr 283.563†	-0.9	-0.00112	mg/L	0.000345	-0.00112	mg/L	0.000345	30.88%
Cu 224.700†	1.9	0.02109	mg/L	0.009564	0.02109	mg/L	0.009564	45.36%
Cu 324.752†	-4.3	-0.00113	mg/L	0.000691	-0.00113	mg/L	0.000691	61.41%
Cu 327.393†	-35.9	-0.00070	mg/L	0.000287	-0.00070	mg/L	0.000287	41.00%

Fe 238.204†	0.2	0.00036 mg/L	0.001765	0.00036 mg/L	0.001765	495.69%
Fe 239.562†	0.9	0.00202 mg/L	0.000536	0.00202 mg/L	0.000536	26.58%
Fe 259.939†	2.2	0.00182 mg/L	0.001282	0.00182 mg/L	0.001282	70.38%
Fe 273.955†	-0.2	-0.00091 mg/L	0.003181	-0.00091 mg/L	0.003181	349.29%
K 766.490†	-17.9	-0.04038 mg/L	0.021486	-0.04038 mg/L	0.021486	53.21%
Li 610.362†	32.1	0.00682 mg/L	0.008565	0.00682 mg/L	0.008565	125.63%
Li 670.784†	73.2	0.00187 mg/L	0.000437	0.00187 mg/L	0.000437	23.35%
Mg 279.077†	3.3	0.01674 mg/L	0.006611	0.01674 mg/L	0.006611	39.49%
Mg 280.271†	181.9	0.00576 mg/L	0.000357	0.00576 mg/L	0.000357	6.20%
Mg 285.213†	6.6	0.00710 mg/L	0.000259	0.00710 mg/L	0.000259	3.64%
Mn 257.610†	-0.6	-0.00011 mg/L	0.000115	-0.00011 mg/L	0.000115	104.23%
Mn 259.372†	1.4	-0.00004 mg/L	0.000933	-0.00004 mg/L	0.000933	>999.9%
Mn 260.568†	1.1	0.00027 mg/L	0.000161	0.00027 mg/L	0.000161	58.98%
Mo 202.031†	1.4	0.04755 mg/L	0.057360	0.04755 mg/L	0.057360	120.64%
Mo 203.845†	0.4	0.02527 mg/L	0.024557	0.02527 mg/L	0.024557	97.18%
Mo 204.597†	12.5	0.00201 mg/L	0.000539	0.00201 mg/L	0.000539	26.79%
Na 588.995†	226.5	0.06292 mg/L	0.020578	0.06292 mg/L	0.020578	32.70%
Na 589.592†	212.2	0.05633 mg/L	0.005538	0.05633 mg/L	0.005538	9.83%
Ni 221.648†	-0.1	-0.00371 mg/L	0.021871	-0.00371 mg/L	0.021871	589.82%
Ni 231.604†	6.3	0.00055 mg/L	0.000326	0.00055 mg/L	0.000326	58.95%
Ni 232.003†	0.6	0.00862 mg/L	0.001991	0.00862 mg/L	0.001991	23.09%
Pb 217.000†	0.2	0.01985 mg/L	0.019582	0.01985 mg/L	0.019582	98.65%
Pb 220.353†	6.0	0.00253 mg/L	0.001872	0.00253 mg/L	0.001872	74.14%
Sb 206.836†	4.0	0.00248 mg/L	0.000588	0.00248 mg/L	0.000588	23.70%
Sb 217.582†	0.1	0.01703 mg/L	0.133738	0.01703 mg/L	0.133738	785.33%
Se 196.026†	4.0	0.00457 mg/L	0.002475	0.00457 mg/L	0.002475	54.18%
Se 203.985†	2.2	0.00503 mg/L	0.002790	0.00503 mg/L	0.002790	55.51%
Sn 189.927†	2.9	0.00274 mg/L	0.001071	0.00274 mg/L	0.001071	39.14%
Sn 235.485†	-1.1	-0.04082 mg/L	0.039269	-0.04082 mg/L	0.039269	96.20%
Sr 407.771†	35.3	0.00035 mg/L	0.000028	0.00035 mg/L	0.000028	8.08%
Sr 421.552†	50.6	0.00031 mg/L	0.000101	0.00031 mg/L	0.000101	32.08%
Sr 460.733†	-37.0	-0.00513 mg/L	0.006864	-0.00513 mg/L	0.006864	133.73%
Ti 334.940†	2.3	0.00027 mg/L	0.000259	0.00027 mg/L	0.000259	95.15%
Ti 336.121†	-1.8	-0.00026 mg/L	0.000480	-0.00026 mg/L	0.000480	187.68%
Ti 337.279†	-4.7	-0.00170 mg/L	0.000346	-0.00170 mg/L	0.000346	20.32%
Tl 190.801†	2.3	0.00359 mg/L	0.001203	0.00359 mg/L	0.001203	33.55%
Tl 276.787†	3.2	0.00098 mg/L	0.003773	0.00098 mg/L	0.003773	384.84%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.6	-0.00370 mg/L	0.000793	-0.00370 mg/L	0.000793	21.45%
V 309.310†	1.8	0.00105 mg/L	0.000690	0.00105 mg/L	0.000690	65.80%
V 310.230†	48.7	0.00040 mg/L	0.000627	0.00040 mg/L	0.000627	155.74%
Zn 202.548†	4.4	0.02066 mg/L	0.005774	0.02066 mg/L	0.005774	27.95%
Zn 206.200†	1.3	0.01631 mg/L	0.009038	0.01631 mg/L	0.009038	55.41%
Zn 213.857†	2.3	0.00578 mg/L	0.004102	0.00578 mg/L	0.004102	70.92%

All analytes passed QC.

Sequence No.: 43 **Autosampler Location: 4**
Sample ID: Hi AQC **Date Collected: 8/30/01 12:24:11 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120916.3						829.15	0.69%
Y 360.073	2798627.4						41957.95	1.50%
Ag 328.068†	-97.7	-0.00061	mg/L	0.000390	-0.00061	mg/L	0.000390	64.08%
Ag 338.289†	107.6	0.00126	mg/L	0.000220	0.00126	mg/L	0.000220	17.42%
Al 308.215†	20903.0	95.75	mg/L	1.111	95.75	mg/L	1.111	1.16%
QC value within limits for Al 308.215 Recovery = 95.75%								
Al 394.401†	45309.6	96.32	mg/L	1.167	96.32	mg/L	1.167	1.21%
Al 396.153†	157794.2	95.67	mg/L	0.299	95.67	mg/L	0.299	0.31%
As 188.979†	-0.2	-0.08422	mg/L	0.397844	-0.08422	mg/L	0.397844	472.38%
As 193.696†	2.6	0.00367	mg/L	0.003032	0.00367	mg/L	0.003032	82.51%
As 197.197†	-0.5	-0.2651	mg/L	0.10569	-0.2651	mg/L	0.10569	39.86%
B 208.889†	1.7	0.07159	mg/L	0.022623	0.07159	mg/L	0.022623	31.60%
B 249.677†	1.9	0.00757	mg/L	0.007495	0.00757	mg/L	0.007495	99.00%

B 249.772†	86.5	0.1660 mg/L	0.00207	0.1660 mg/L	0.00207	1.25%
Ba 233.527†	0.4	0.00077 mg/L	0.001920	0.00077 mg/L	0.001920	247.89%
Ba 455.403†	10.0	0.00017 mg/L	0.000034	0.00017 mg/L	0.000034	20.64%
Ba 493.408†	108.1	0.00107 mg/L	0.000621	0.00107 mg/L	0.000621	58.26%
Be 234.861†	-165925.0	-0.6081 mg/L	0.01437	-0.6081 mg/L	0.01437	2.36%
Be 313.042†	13.0	0.00055 mg/L	0.000027	0.00055 mg/L	0.000027	4.81%
Be 313.107†	13.0	0.00055 mg/L	0.000027	0.00055 mg/L	0.000027	4.81%
Ca 315.887†	103822.0	101.9 mg/L	1.21	101.9 mg/L	1.21	1.18%
QC value within limits for Ca 315.887 Recovery = 101.94%						
Ca 317.933†	88713.5	92.53 mg/L	0.158	92.53 mg/L	0.158	0.17%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	72.3	0.00271 mg/L	0.000040	0.00271 mg/L	0.000040	1.47%
Cd 228.802†	0.6	0.00103 mg/L	0.001103	0.00103 mg/L	0.001103	106.78%
Ce 413.380†	21.2	0.02121 mg/L	0.001335	0.02121 mg/L	0.001335	6.29%
Ce 413.764†	0.1	0.00013 mg/L	0.007707	0.00013 mg/L	0.007707	>999.9%
Ce 418.660†	38.4	0.01877 mg/L	0.005437	0.01877 mg/L	0.005437	28.96%
Co 228.616†	-51.0	-0.00160 mg/L	0.000551	-0.00160 mg/L	0.000551	34.40%
Co 230.786†	-0.6	-0.00440 mg/L	0.000721	-0.00440 mg/L	0.000721	16.38%
Co 238.892†	-16.3	-0.07482 mg/L	0.009109	-0.07482 mg/L	0.009109	12.17%
Cr 205.560†	-1.1	-0.04769 mg/L	0.024493	-0.04769 mg/L	0.024493	51.36%
Cr 267.716†	-32.7	-0.00142 mg/L	0.000063	-0.00142 mg/L	0.000063	4.47%
Cr 283.563†	26.8	0.03221 mg/L	0.001917	0.03221 mg/L	0.001917	5.95%
Cu 224.700†	0.8	0.00855 mg/L	0.009248	0.00855 mg/L	0.009248	108.22%
Cu 324.752†	0.0	0.00001 mg/L	0.000656	0.00001 mg/L	0.000656	>999.9%
Cu 327.393†	45.3	0.00088 mg/L	0.000187	0.00088 mg/L	0.000187	21.16%
Fe 238.204†	57996.2	91.27 mg/L	0.195	91.27 mg/L	0.195	0.21%
Fe 239.562†	40396.1	91.74 mg/L	0.985	91.74 mg/L	0.985	1.07%
Fe 259.939†	114113.1	92.44 mg/L	0.244	92.44 mg/L	0.244	0.26%
Fe 273.955†	21496.8	102.7 mg/L	1.29	102.7 mg/L	1.29	1.26%
QC value within limits for Fe 273.955 Recovery = 102.69%						
K 766.490†	44997.7	101.8 mg/L	1.17	101.8 mg/L	1.17	1.15%
QC value within limits for K 766.490 Recovery = 101.77%						
Li 610.362†	-268.3	-0.05698 mg/L	0.008936	-0.05698 mg/L	0.008936	15.68%
Li 670.784†	207.6	0.00531 mg/L	0.000789	0.00531 mg/L	0.000789	14.88%
Mg 279.077†	11422.1	58.46 mg/L	0.975	58.46 mg/L	0.975	1.67%
QC value within limits for Mg 279.077 Recovery = 97.43%						
Mg 280.271†	1721824.6	54.56 mg/L	0.159	54.56 mg/L	0.159	0.29%
Mg 285.213†	50530.1	54.42 mg/L	0.130	54.42 mg/L	0.130	0.24%
Mn 257.610†	18.2	0.00322 mg/L	0.000200	0.00322 mg/L	0.000200	6.23%
Mn 259.372†	782.4	-0.00015 mg/L	0.001616	-0.00015 mg/L	0.001616	>999.9%
Mn 260.568†	5.3	0.00136 mg/L	0.000381	0.00136 mg/L	0.000381	28.01%
Mo 202.031†	-1.9	-0.06453 mg/L	0.066262	-0.06453 mg/L	0.066262	102.68%
Mo 203.845†	0.7	0.04489 mg/L	0.104876	0.04489 mg/L	0.104876	233.62%
Mo 204.597†	19.0	0.00306 mg/L	0.000726	0.00306 mg/L	0.000726	23.69%
Na 588.995†	334570.5	92.95 mg/L	0.335	92.95 mg/L	0.335	0.36%
Na 589.592†	375411.5	99.65 mg/L	0.451	99.65 mg/L	0.451	0.45%
QC value within limits for Na 589.592 Recovery = 99.65%						
Ni 221.648†	0.3	0.00758 mg/L	0.014680	0.00758 mg/L	0.014680	193.71%
Ni 231.604†	22.2	0.00196 mg/L	0.000371	0.00196 mg/L	0.000371	18.97%
Ni 232.003†	-0.3	-0.00499 mg/L	0.011120	-0.00499 mg/L	0.011120	223.00%
Pb 217.000†	-0.2	-0.02476 mg/L	0.049452	-0.02476 mg/L	0.049452	199.73%
Pb 220.353†	6.1	0.00260 mg/L	0.000791	0.00260 mg/L	0.000791	30.40%
Sb 206.836†	-0.8	-0.00049 mg/L	0.001768	-0.00049 mg/L	0.001768	362.24%
Sb 217.582†	0.6	0.08719 mg/L	0.104918	0.08719 mg/L	0.104918	120.33%
Se 196.026†	-25.9	-0.02950 mg/L	0.005361	-0.02950 mg/L	0.005361	18.17%
Se 203.985†	5.7	0.01313 mg/L	0.006368	0.01313 mg/L	0.006368	48.52%
Sn 189.927†	-5.0	-0.00463 mg/L	0.000551	-0.00463 mg/L	0.000551	11.90%
Sn 235.485†	344.3	12.48 mg/L	0.453	12.48 mg/L	0.453	3.63%
Sr 407.771†	263.1	0.00261 mg/L	0.000014	0.00261 mg/L	0.000014	0.53%
Sr 421.552†	472.5	0.00294 mg/L	0.000061	0.00294 mg/L	0.000061	2.09%
Sr 460.733†	-31.4	-0.00437 mg/L	0.001907	-0.00437 mg/L	0.001907	43.68%
Ti 334.940†	7.5	0.00089 mg/L	0.000151	0.00089 mg/L	0.000151	16.88%
Ti 336.121†	4.4	0.00062 mg/L	0.000077	0.00062 mg/L	0.000077	12.40%
Ti 337.279†	-1.3	-0.00048 mg/L	0.000367	-0.00048 mg/L	0.000367	76.12%
Tl 190.801†	3.0	0.00454 mg/L	0.001948	0.00454 mg/L	0.001948	42.95%
Tl 276.787†	8222.2	2.502 mg/L	0.0533	2.502 mg/L	0.0533	2.13%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.7	-0.00389 mg/L	0.002393	-0.00389 mg/L	0.002393	61.59%
V 309.310†	5.4	0.00322 mg/L	0.008507	0.00322 mg/L	0.008507	263.96%
V 310.230†	482.3	0.00399 mg/L	0.000463	0.00399 mg/L	0.000463	11.61%

Zn 202.548†	6.2	0.02576 mg/L	0.005830	0.02576 mg/L	0.005830	22.63%
Zn 206.200†	-1.1	-0.01374 mg/L	0.004602	-0.01374 mg/L	0.004602	33.48%
Zn 213.857†	16.5	0.03238 mg/L	0.003361	0.03238 mg/L	0.003361	10.38%

All analytes passed QC.

Sequence No.: 44
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 8/30/01 12:28:50 PM

Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	123892.1						1418.71	1.15%
Y 360.073	2929860.1						17989.56	0.61%
Ag 328.068†	40.0	0.00025	mg/L	0.000151	0.00025	mg/L	0.000151	60.57%
Ag 338.289†	-7.5	-0.00009	mg/L	0.000380	-0.00009	mg/L	0.000380	433.10%
Al 308.215†	8.5	0.03916	mg/L	0.005136	0.03916	mg/L	0.005136	13.11%
Al 394.401†	10.2	0.02169	mg/L	0.000286	0.02169	mg/L	0.000286	1.32%
Al 396.153†	22.8	0.01236	mg/L	0.003906	0.01236	mg/L	0.003906	31.61%
As 188.979†	-0.4	-0.1421	mg/L	0.20720	-0.1421	mg/L	0.20720	145.86%
As 193.696†	0.1	0.00014	mg/L	0.003484	0.00014	mg/L	0.003484	>999.9%
As 197.197†	0.2	0.09601	mg/L	0.159622	0.09601	mg/L	0.159622	166.25%
B 208.889†	1.9	0.07706	mg/L	0.048785	0.07706	mg/L	0.048785	63.31%
B 249.677†	-1.6	-0.00670	mg/L	0.002756	-0.00670	mg/L	0.002756	41.16%
B 249.772†	-0.9	-0.00180	mg/L	0.001758	-0.00180	mg/L	0.001758	97.79%
Ba 233.527†	-0.1	-0.00013	mg/L	0.000993	-0.00013	mg/L	0.000993	780.90%
Ba 455.403†	-20.7	-0.00035	mg/L	0.000098	-0.00035	mg/L	0.000098	28.42%
Ba 493.408†	11.8	0.00012	mg/L	0.000093	0.00012	mg/L	0.000093	80.02%
Be 234.861†	-15.5	-0.00006	mg/L	0.000032	-0.00006	mg/L	0.000032	56.72%
Be 313.042†	5.5	0.00023	mg/L	0.000126	0.00023	mg/L	0.000126	53.54%
Be 313.107†	5.5	0.00023	mg/L	0.000126	0.00023	mg/L	0.000126	53.54%
Ca 315.887†	13.7	0.01343	mg/L	0.010784	0.01343	mg/L	0.010784	80.30%
Ca 317.933†	14.9	0.01550	mg/L	0.006203	0.01550	mg/L	0.006203	40.01%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	0.5	0.00002	mg/L	0.000116	0.00002	mg/L	0.000116	566.23%
Cd 228.802†	-0.3	-0.00044	mg/L	0.000561	-0.00044	mg/L	0.000561	126.53%
Ce 413.380†	7.7	0.00772	mg/L	0.012110	0.00772	mg/L	0.012110	156.82%
Ce 413.764†	-10.0	-0.00992	mg/L	0.009832	-0.00992	mg/L	0.009832	99.07%
Ce 418.660†	4.1	0.00201	mg/L	0.010180	0.00201	mg/L	0.010180	506.80%
Co 228.616†	-19.1	-0.00060	mg/L	0.000126	-0.00060	mg/L	0.000126	20.91%
Co 230.786†	-0.1	-0.00084	mg/L	0.001967	-0.00084	mg/L	0.001967	232.97%
Co 238.892†	0.0	0.00005	mg/L	0.001536	0.00005	mg/L	0.001536	>999.9%
Cr 205.560†	-0.0	-0.00210	mg/L	0.011053	-0.00210	mg/L	0.011053	526.83%
Cr 267.716†	-1.6	-0.00007	mg/L	0.000202	-0.00007	mg/L	0.000202	299.29%
Cr 283.563†	0.4	0.00045	mg/L	0.001492	0.00045	mg/L	0.001492	331.62%
Cu 224.700†	0.8	0.00927	mg/L	0.002222	0.00927	mg/L	0.002222	23.96%
Cu 324.752†	-12.4	-0.00324	mg/L	0.000438	-0.00324	mg/L	0.000438	13.53%
Cu 327.393†	-169.4	-0.00330	mg/L	0.000331	-0.00330	mg/L	0.000331	10.02%
Fe 238.204†	8.7	0.01371	mg/L	0.003723	0.01371	mg/L	0.003723	27.16%
Fe 239.562†	6.3	0.01433	mg/L	0.001521	0.01433	mg/L	0.001521	10.62%
Fe 259.939†	16.7	0.01352	mg/L	0.004211	0.01352	mg/L	0.004211	31.15%
Fe 273.955†	3.2	0.01533	mg/L	0.002900	0.01533	mg/L	0.002900	18.92%
K 766.490†	0.7	0.00151	mg/L	0.057447	0.00151	mg/L	0.057447	>999.9%
Li 610.362†	40.6	0.00863	mg/L	0.024784	0.00863	mg/L	0.024784	287.10%
Li 670.784†	-191.2	-0.00489	mg/L	0.000843	-0.00489	mg/L	0.000843	17.24%
Mg 279.077†	7.3	0.03715	mg/L	0.041514	0.03715	mg/L	0.041514	111.75%
Mg 280.271†	354.0	0.01122	mg/L	0.001547	0.01122	mg/L	0.001547	13.79%
Mg 285.213†	10.9	0.01169	mg/L	0.002274	0.01169	mg/L	0.002274	19.45%
Mn 257.610†	-1.2	-0.00020	mg/L	0.000130	-0.00020	mg/L	0.000130	63.42%
Mn 259.372†	3.4	0.00026	mg/L	0.000602	0.00026	mg/L	0.000602	233.05%
Mn 260.568†	0.5	0.00013	mg/L	0.000352	0.00013	mg/L	0.000352	265.04%
Mo 202.031†	1.1	0.03763	mg/L	0.025793	0.03763	mg/L	0.025793	68.54%
Mo 203.845†	-0.2	-0.01336	mg/L	0.080367	-0.01336	mg/L	0.080367	601.48%
Mo 204.597†	3.4	0.00055	mg/L	0.000520	0.00055	mg/L	0.000520	95.27%
Na 588.995†	288.2	0.08007	mg/L	0.018280	0.08007	mg/L	0.018280	22.83%
Na 589.592†	167.1	0.04437	mg/L	0.012990	0.04437	mg/L	0.012990	29.28%

Ni 221.648†	1.0	0.02911 mg/L	0.008403	0.02911 mg/L	0.008403	28.86%
Ni 231.604†	10.5	0.00093 mg/L	0.000288	0.00093 mg/L	0.000288	30.91%
Ni 232.003†	0.6	0.00897 mg/L	0.006004	0.00897 mg/L	0.006004	66.92%
Pb 217.000†	0.3	0.02626 mg/L	0.078850	0.02626 mg/L	0.078850	300.28%
Pb 220.353†	-1.1	-0.00045 mg/L	0.000237	-0.00045 mg/L	0.000237	52.37%
Sb 206.836†	2.5	0.00155 mg/L	0.001860	0.00155 mg/L	0.001860	120.28%
Sb 217.582†	0.1	0.01504 mg/L	0.136757	0.01504 mg/L	0.136757	909.33%
Se 196.026†	-3.0	-0.00340 mg/L	0.000711	-0.00340 mg/L	0.000711	20.92%
Se 203.985†	1.3	0.00298 mg/L	0.005184	0.00298 mg/L	0.005184	173.79%
Sn 189.927†	1.3	0.00124 mg/L	0.000936	0.00124 mg/L	0.000936	75.33%
Sn 235.485†	-3.4	-0.1228 mg/L	0.04780	-0.1228 mg/L	0.04780	38.94%
Sr 407.771†	-7.2	-0.00007 mg/L	0.000011	-0.00007 mg/L	0.000011	14.70%
Sr 421.552†	-49.9	-0.00031 mg/L	0.000094	-0.00031 mg/L	0.000094	30.24%
Sr 460.733†	7.0	0.00098 mg/L	0.006453	0.00098 mg/L	0.006453	659.42%
Ti 334.940†	0.9	0.00011 mg/L	0.000149	0.00011 mg/L	0.000149	138.21%
Ti 336.121†	-1.7	-0.00024 mg/L	0.000229	-0.00024 mg/L	0.000229	97.20%
Ti 337.279†	-5.8	-0.00210 mg/L	0.000581	-0.00210 mg/L	0.000581	27.63%
Tl 190.801†	0.7	0.00100 mg/L	0.003071	0.00100 mg/L	0.003071	308.46%
Tl 276.787†	5.9	0.00181 mg/L	0.003389	0.00181 mg/L	0.003389	187.49%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.7	-0.00172 mg/L	0.002389	-0.00172 mg/L	0.002389	139.24%
V 309.310†	1.4	0.00084 mg/L	0.000402	0.00084 mg/L	0.000402	47.78%
V 310.230†	130.0	0.00107 mg/L	0.000959	0.00107 mg/L	0.000959	89.28%
Zn 202.548†	0.7	0.00304 mg/L	0.005320	0.00304 mg/L	0.005320	175.27%
Zn 206.200†	0.1	0.00094 mg/L	0.002108	0.00094 mg/L	0.002108	223.93%
Zn 213.857†	-4.3	-0.01071 mg/L	0.006178	-0.01071 mg/L	0.006178	57.69%

Sequence No.: 45 **Autosampler Location: 36**
Sample ID: 2001AH03S01 **Date Collected: 8/30/01 12:33:23 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 2001AH03S01

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119710.7						1304.47	1.09%
Y 360.073	2852935.0						73997.89	2.59%
Ag 328.068†	131.8	0.00082	mg/L	0.000229	0.00082	mg/L	0.000229	27.94%
Ag 338.289†	22.6	0.00027	mg/L	0.000525	0.00027	mg/L	0.000525	197.94%
Al 308.215†	390.2	1.788	mg/L	0.0342	1.788	mg/L	0.0342	1.91%
Al 394.401†	838.6	1.783	mg/L	0.0269	1.783	mg/L	0.0269	1.51%
Al 396.153†	2908.0	1.762	mg/L	0.0200	1.762	mg/L	0.0200	1.13%
As 188.979†	-0.8	-0.3255	mg/L	0.64707	-0.3255	mg/L	0.64707	198.81%
As 193.696†	1.4	0.00193	mg/L	0.001002	0.00193	mg/L	0.001002	51.95%
As 197.197†	0.1	0.05142	mg/L	0.168125	0.05142	mg/L	0.168125	326.95%
B 208.889†	10.1	0.4142	mg/L	0.06234	0.4142	mg/L	0.06234	15.05%
B 249.677†	83.6	0.3397	mg/L	0.00919	0.3397	mg/L	0.00919	2.70%
B 249.772†	171.4	0.3288	mg/L	0.00845	0.3288	mg/L	0.00845	2.57%
Ba 233.527†	153.6	0.2647	mg/L	0.00665	0.2647	mg/L	0.00665	2.51%
Ba 455.403†	16050.0	0.2676	mg/L	0.00356	0.2676	mg/L	0.00356	1.33%
Ba 493.408†	27068.4	0.2670	mg/L	0.00415	0.2670	mg/L	0.00415	1.55%
Be 234.861†	-2913.6	-0.01068	mg/L	0.000361	-0.01068	mg/L	0.000361	3.38%
Be 313.042†	4.5	0.00019	mg/L	0.000095	0.00019	mg/L	0.000095	49.74%
Be 313.107†	4.5	0.00019	mg/L	0.000095	0.00019	mg/L	0.000095	49.74%
Ca 315.887†	8122.9	7.976	mg/L	0.1216	7.976	mg/L	0.1216	1.52%
Ca 317.933†	6929.4	7.228	mg/L	0.1246	7.228	mg/L	0.1246	1.72%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	44.8	0.00168	mg/L	0.000038	0.00168	mg/L	0.000038	2.27%
Cd 228.802†	0.4	0.00068	mg/L	0.000671	0.00068	mg/L	0.000671	98.84%
Ce 413.380†	-6.3	-0.00630	mg/L	0.007836	-0.00630	mg/L	0.007836	124.44%
Ce 413.764†	0.9	0.00088	mg/L	0.012981	0.00088	mg/L	0.012981	>999.9%
Ce 418.660†	7.6	0.00371	mg/L	0.007244	0.00371	mg/L	0.007244	195.12%
Co 228.616†	42.0	0.00132	mg/L	0.000371	0.00132	mg/L	0.000371	28.12%
Co 230.786†	-0.4	-0.00278	mg/L	0.002893	-0.00278	mg/L	0.002893	104.04%
Co 238.892†	1.1	0.00500	mg/L	0.001099	0.00500	mg/L	0.001099	21.97%
Cr 205.560†	-0.1	-0.00308	mg/L	0.001739	-0.00308	mg/L	0.001739	56.46%
Cr 267.716†	200.4	0.00871	mg/L	0.000163	0.00871	mg/L	0.000163	1.87%

Cr 283.563†	8.0	0.00961 mg/L	0.001004	0.00961 mg/L	0.001004	10.45%
Cu 224.700†	146.9	1.639 mg/L	0.0430	1.639 mg/L	0.0430	2.62%
Cu 324.752†	6267.7	1.642 mg/L	0.0356	1.642 mg/L	0.0356	2.17%
Cu 327.393†	90353.9	1.762 mg/L	0.0571	1.762 mg/L	0.0571	3.24%
Fe 238.204†	975.5	1.535 mg/L	0.0239	1.535 mg/L	0.0239	1.56%
Fe 239.562†	679.1	1.542 mg/L	0.0303	1.542 mg/L	0.0303	1.97%
Fe 259.939†	1917.9	1.554 mg/L	0.0338	1.554 mg/L	0.0338	2.17%
Fe 273.955†	360.7	1.723 mg/L	0.0323	1.723 mg/L	0.0323	1.87%
K 766.490†	1040.9	2.354 mg/L	0.0342	2.354 mg/L	0.0342	1.45%
Li 610.362†	-64.1	-0.01361 mg/L	0.011741	-0.01361 mg/L	0.011741	86.28%
Li 670.784†	-66.6	-0.00170 mg/L	0.000210	-0.00170 mg/L	0.000210	12.34%
Mg 279.077†	263.8	1.350 mg/L	0.0491	1.350 mg/L	0.0491	3.64%
Mg 280.271†	41772.3	1.324 mg/L	0.0191	1.324 mg/L	0.0191	1.45%
Mg 285.213†	1225.8	1.320 mg/L	0.0204	1.320 mg/L	0.0204	1.54%
Mn 257.610†	224.3	0.03958 mg/L	0.000496	0.03958 mg/L	0.000496	1.25%
Mn 259.372†	306.8	0.03932 mg/L	0.000782	0.03932 mg/L	0.000782	1.99%
Mn 260.568†	154.5	0.03958 mg/L	0.000878	0.03958 mg/L	0.000878	2.22%
Mo 202.031†	1.0	0.03462 mg/L	0.063275	0.03462 mg/L	0.063275	182.75%
Mo 203.845†	0.6	0.03467 mg/L	0.068144	0.03467 mg/L	0.068144	196.55%
Mo 204.597†	14.7	0.00237 mg/L	0.000271	0.00237 mg/L	0.000271	11.43%
Na 588.995†	174507.4	48.48 mg/L	0.085	48.48 mg/L	0.085	0.17%
Na 589.592†	194497.9	51.63 mg/L	0.073	51.63 mg/L	0.073	0.14%
Ni 221.648†	-2.1	-0.06347 mg/L	0.001644	-0.06347 mg/L	0.001644	2.59%
Ni 231.604†	78.0	0.00689 mg/L	0.000488	0.00689 mg/L	0.000488	7.08%
Ni 232.003†	0.8	0.01223 mg/L	0.013434	0.01223 mg/L	0.013434	109.84%
Pb 217.000†	0.2	0.02247 mg/L	0.095140	0.02247 mg/L	0.095140	423.47%
Pb 220.353†	77.9	0.03304 mg/L	0.002249	0.03304 mg/L	0.002249	6.81%
Sb 206.836†	2.6	0.00159 mg/L	0.001077	0.00159 mg/L	0.001077	67.76%
Sb 217.582†	0.1	0.01309 mg/L	0.063875	0.01309 mg/L	0.063875	487.80%
Se 196.026†	11.6	0.01318 mg/L	0.000298	0.01318 mg/L	0.000298	2.26%
Se 203.985†	4.0	0.00930 mg/L	0.006100	0.00930 mg/L	0.006100	65.59%
Sn 189.927†	4.3	0.00398 mg/L	0.001104	0.00398 mg/L	0.001104	27.74%
Sn 235.485†	3.2	0.1160 mg/L	0.06297	0.1160 mg/L	0.06297	54.28%
Sr 407.771†	1197.3	0.01189 mg/L	0.000270	0.01189 mg/L	0.000270	2.27%
Sr 421.552†	1960.6	0.01219 mg/L	0.000132	0.01219 mg/L	0.000132	1.09%
Sr 460.733†	39.9	0.00553 mg/L	0.006081	0.00553 mg/L	0.006081	109.92%
Ti 334.940†	207.9	0.02478 mg/L	0.000529	0.02478 mg/L	0.000529	2.14%
Ti 336.121†	172.0	0.02413 mg/L	0.000415	0.02413 mg/L	0.000415	1.72%
Ti 337.279†	65.6	0.02366 mg/L	0.000681	0.02366 mg/L	0.000681	2.88%
Tl 190.801†	-0.3	-0.00044 mg/L	0.001521	-0.00044 mg/L	0.001521	348.75%
Tl 276.787†	180.1	0.05482 mg/L	0.003199	0.05482 mg/L	0.003199	5.84%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	0.8	0.00085 mg/L	0.002704	0.00085 mg/L	0.002704	318.34%
V 309.310†	9.2	0.00552 mg/L	0.001709	0.00552 mg/L	0.001709	30.97%
V 310.230†	836.6	0.00692 mg/L	0.001389	0.00692 mg/L	0.001389	20.09%
Zn 202.548†	25.2	0.1080 mg/L	0.00308	0.1080 mg/L	0.00308	2.85%
Zn 206.200†	8.1	0.09848 mg/L	0.001487	0.09848 mg/L	0.001487	1.51%
Zn 213.857†	39.2	0.09724 mg/L	0.007158	0.09724 mg/L	0.007158	7.36%

Sequence No.: 46 **Autosampler Location: 37**
Sample ID: 2001AH03S01 Dup **Date Collected: 8/30/01 12:37:56 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 2001AH03S01 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	118714.5						931.81	0.78%
Y 360.073	2881931.7						13933.92	0.48%
Ag 328.068†	185.1	0.00115	mg/L	0.000181	0.00115	mg/L	0.000181	15.66%
Ag 338.289†	21.0	0.00025	mg/L	0.000353	0.00025	mg/L	0.000353	143.74%
Al 308.215†	419.5	1.921	mg/L	0.0436	1.921	mg/L	0.0436	2.27%
Al 394.401†	898.0	1.909	mg/L	0.0337	1.909	mg/L	0.0337	1.76%
Al 396.153†	3118.8	1.890	mg/L	0.0076	1.890	mg/L	0.0076	0.40%
As 188.979†	-0.1	-0.02188	mg/L	0.235425	-0.02188	mg/L	0.235425	>999.9%
As 193.696†	3.1	0.00427	mg/L	0.003077	0.00427	mg/L	0.003077	72.03%
As 197.197†	0.3	0.1703	mg/L	0.57033	0.1703	mg/L	0.57033	334.88%

B 208.889†	10.5	0.4310 mg/L	0.06414	0.4310 mg/L	0.06414	14.88%
B 249.677†	86.2	0.3501 mg/L	0.02137	0.3501 mg/L	0.02137	6.10%
B 249.772†	182.3	0.3497 mg/L	0.00626	0.3497 mg/L	0.00626	1.79%
Ba 233.527†	163.9	0.2825 mg/L	0.00639	0.2825 mg/L	0.00639	2.26%
Ba 455.403†	17136.5	0.2857 mg/L	0.00167	0.2857 mg/L	0.00167	0.59%
Ba 493.408†	28847.3	0.2846 mg/L	0.00165	0.2846 mg/L	0.00165	0.58%
Be 234.861†	-3101.9	-0.01137 mg/L	0.000152	-0.01137 mg/L	0.000152	1.34%
Be 313.042†	3.7	0.00016 mg/L	0.000099	0.00016 mg/L	0.000099	62.52%
Be 313.107†	3.7	0.00016 mg/L	0.000099	0.00016 mg/L	0.000099	62.52%
Ca 315.887†	8866.1	8.706 mg/L	0.0369	8.706 mg/L	0.0369	0.42%
Ca 317.933†	7552.3	7.877 mg/L	0.0431	7.877 mg/L	0.0431	0.55%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	42.0	0.00157 mg/L	0.000154	0.00157 mg/L	0.000154	9.79%
Cd 228.802†	0.8	0.00131 mg/L	0.001860	0.00131 mg/L	0.001860	141.89%
Ce 413.380†	1.3	0.00134 mg/L	0.006535	0.00134 mg/L	0.006535	486.66%
Ce 413.764†	0.9	0.00092 mg/L	0.003364	0.00092 mg/L	0.003364	364.63%
Ce 418.660†	10.5	0.00514 mg/L	0.008816	0.00514 mg/L	0.008816	171.38%
Co 228.616†	26.6	0.00084 mg/L	0.000295	0.00084 mg/L	0.000295	35.25%
Co 230.786†	0.1	0.00099 mg/L	0.001872	0.00099 mg/L	0.001872	189.89%
Co 238.892†	0.0	0.00008 mg/L	0.003468	0.00008 mg/L	0.003468	>999.9%
Cr 205.560†	0.1	0.00596 mg/L	0.027852	0.00596 mg/L	0.027852	467.34%
Cr 267.716†	211.2	0.00917 mg/L	0.000309	0.00917 mg/L	0.000309	3.37%
Cr 283.563†	7.7	0.00922 mg/L	0.001135	0.00922 mg/L	0.001135	12.30%
Cu 224.700†	176.9	1.974 mg/L	0.0320	1.974 mg/L	0.0320	1.62%
Cu 324.752†	7477.2	1.959 mg/L	0.0077	1.959 mg/L	0.0077	0.39%
Cu 327.393†	104938.6	2.047 mg/L	0.0099	2.047 mg/L	0.0099	0.49%
Fe 238.204†	1074.1	1.690 mg/L	0.0270	1.690 mg/L	0.0270	1.60%
Fe 239.562†	744.9	1.692 mg/L	0.0229	1.692 mg/L	0.0229	1.35%
Fe 259.939†	2095.4	1.697 mg/L	0.0287	1.697 mg/L	0.0287	1.69%
Fe 273.955†	395.8	1.891 mg/L	0.0316	1.891 mg/L	0.0316	1.67%
K 766.490†	1114.5	2.521 mg/L	0.0286	2.521 mg/L	0.0286	1.13%
Li 610.362†	-41.4	-0.00879 mg/L	0.018598	-0.00879 mg/L	0.018598	211.58%
Li 670.784†	-84.7	-0.00217 mg/L	0.000409	-0.00217 mg/L	0.000409	18.89%
Mg 279.077†	282.3	1.445 mg/L	0.0228	1.445 mg/L	0.0228	1.58%
Mg 280.271†	45271.2	1.435 mg/L	0.0088	1.435 mg/L	0.0088	0.62%
Mg 285.213†	1318.6	1.420 mg/L	0.0222	1.420 mg/L	0.0222	1.56%
Mn 257.610†	247.6	0.04368 mg/L	0.000758	0.04368 mg/L	0.000758	1.73%
Mn 259.372†	341.5	0.04384 mg/L	0.000992	0.04384 mg/L	0.000992	2.26%
Mn 260.568†	170.3	0.04363 mg/L	0.000535	0.04363 mg/L	0.000535	1.23%
Mo 202.031†	0.9	0.03052 mg/L	0.041309	0.03052 mg/L	0.041309	135.36%
Mo 203.845†	0.1	0.00562 mg/L	0.034048	0.00562 mg/L	0.034048	605.46%
Mo 204.597†	17.0	0.00273 mg/L	0.000498	0.00273 mg/L	0.000498	18.24%
Na 588.995†	184332.1	51.21 mg/L	0.465	51.21 mg/L	0.465	0.91%
Na 589.592†	205852.2	54.64 mg/L	0.488	54.64 mg/L	0.488	0.89%
Ni 221.648†	-2.7	-0.08091 mg/L	0.013285	-0.08091 mg/L	0.013285	16.42%
Ni 231.604†	75.4	0.00666 mg/L	0.000372	0.00666 mg/L	0.000372	5.58%
Ni 232.003†	0.1	0.00181 mg/L	0.009551	0.00181 mg/L	0.009551	528.78%
Pb 217.000†	-0.0	-0.00206 mg/L	0.074872	-0.00206 mg/L	0.074872	>999.9%
Pb 220.353†	77.8	0.03299 mg/L	0.001212	0.03299 mg/L	0.001212	3.67%
Sb 206.836†	5.7	0.00351 mg/L	0.002447	0.00351 mg/L	0.002447	69.79%
Sb 217.582†	-0.5	-0.06929 mg/L	0.082455	-0.06929 mg/L	0.082455	119.00%
Se 196.026†	15.4	0.01746 mg/L	0.003126	0.01746 mg/L	0.003126	17.90%
Se 203.985†	0.2	0.00052 mg/L	0.005162	0.00052 mg/L	0.005162	991.44%
Sn 189.927†	3.7	0.00347 mg/L	0.000734	0.00347 mg/L	0.000734	21.16%
Sn 235.485†	6.8	0.2477 mg/L	0.01079	0.2477 mg/L	0.01079	4.35%
Sr 407.771†	1283.6	0.01275 mg/L	0.000092	0.01275 mg/L	0.000092	0.72%
Sr 421.552†	2103.3	0.01308 mg/L	0.000118	0.01308 mg/L	0.000118	0.90%
Sr 460.733†	57.8	0.00802 mg/L	0.012575	0.00802 mg/L	0.012575	156.74%
Ti 334.940†	222.3	0.02650 mg/L	0.000850	0.02650 mg/L	0.000850	3.21%
Ti 336.121†	181.1	0.02540 mg/L	0.000678	0.02540 mg/L	0.000678	2.67%
Ti 337.279†	68.8	0.02482 mg/L	0.000832	0.02482 mg/L	0.000832	3.35%
Tl 190.801†	1.7	0.00264 mg/L	0.004606	0.00264 mg/L	0.004606	174.25%
Tl 276.787†	176.7	0.05376 mg/L	0.004778	0.05376 mg/L	0.004778	8.89%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	2.4	0.00244 mg/L	0.001248	0.00244 mg/L	0.001248	51.19%
V 309.310†	9.7	0.00581 mg/L	0.000871	0.00581 mg/L	0.000871	14.98%
V 310.230†	930.6	0.00769 mg/L	0.001064	0.00769 mg/L	0.001064	13.83%
Zn 202.548†	24.6	0.1025 mg/L	0.00591	0.1025 mg/L	0.00591	5.76%
Zn 206.200†	6.9	0.08421 mg/L	0.004291	0.08421 mg/L	0.004291	5.10%
Zn 213.857†	36.1	0.08925 mg/L	0.001150	0.08925 mg/L	0.001150	1.29%

Sequence No.: 47
Sample ID: 2001AH03D01
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 8/30/01 12:42:31 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03D01

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119247.1						1735.48	1.46%
Y 360.073	2881020.4						24724.27	0.86%
Ag 328.068†	154.3	0.00096	mg/L	0.000275	0.00096	mg/L	0.000275	28.65%
Ag 338.289†	75.3	0.00088	mg/L	0.000790	0.00088	mg/L	0.000790	89.61%
Al 308.215†	393.5	1.803	mg/L	0.0170	1.803	mg/L	0.0170	0.94%
Al 394.401†	846.6	1.800	mg/L	0.0218	1.800	mg/L	0.0218	1.21%
Al 396.153†	2951.8	1.789	mg/L	0.0269	1.789	mg/L	0.0269	1.50%
As 188.979†	-0.0	-0.01662	mg/L	0.413166	-0.01662	mg/L	0.413166	>999.9%
As 193.696†	3.5	0.00489	mg/L	0.001864	0.00489	mg/L	0.001864	38.13%
As 197.197†	-0.2	-0.1216	mg/L	0.21446	-0.1216	mg/L	0.21446	176.42%
B 208.889†	9.9	0.4066	mg/L	0.03616	0.4066	mg/L	0.03616	8.89%
B 249.677†	95.0	0.3859	mg/L	0.01329	0.3859	mg/L	0.01329	3.44%
B 249.772†	198.7	0.3812	mg/L	0.00432	0.3812	mg/L	0.00432	1.13%
Ba 233.527†	167.9	0.2893	mg/L	0.00170	0.2893	mg/L	0.00170	0.59%
Ba 455.403†	17545.1	0.2925	mg/L	0.00614	0.2925	mg/L	0.00614	2.10%
Ba 493.408†	29549.7	0.2915	mg/L	0.00675	0.2915	mg/L	0.00675	2.32%
Be 234.861†	-2562.4	-0.00939	mg/L	0.000348	-0.00939	mg/L	0.000348	3.71%
Be 313.042†	1.4	0.00006	mg/L	0.000141	0.00006	mg/L	0.000141	242.78%
Be 313.107†	1.4	0.00006	mg/L	0.000141	0.00006	mg/L	0.000141	242.78%
Ca 315.887†	6200.7	6.088	mg/L	0.1029	6.088	mg/L	0.1029	1.69%
Ca 317.933†	5254.1	5.480	mg/L	0.1036	5.480	mg/L	0.1036	1.89%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	24.5	0.00092	mg/L	0.000095	0.00092	mg/L	0.000095	10.40%
Cd 228.802†	0.1	0.00022	mg/L	0.000537	0.00022	mg/L	0.000537	241.03%
Ce 413.380†	0.9	0.00089	mg/L	0.001936	0.00089	mg/L	0.001936	218.22%
Ce 413.764†	0.7	0.00069	mg/L	0.003191	0.00069	mg/L	0.003191	464.38%
Ce 418.660†	20.3	0.00993	mg/L	0.001572	0.00993	mg/L	0.001572	15.82%
Co 228.616†	21.2	0.00067	mg/L	0.000393	0.00067	mg/L	0.000393	58.84%
Co 230.786†	-0.4	-0.00253	mg/L	0.001673	-0.00253	mg/L	0.001673	66.20%
Co 238.892†	0.8	0.00375	mg/L	0.003632	0.00375	mg/L	0.003632	96.90%
Cr 205.560†	-0.0	-0.00115	mg/L	0.021170	-0.00115	mg/L	0.021170	>999.9%
Cr 267.716†	201.9	0.00877	mg/L	0.000074	0.00877	mg/L	0.000074	0.85%
Cr 283.563†	8.7	0.01041	mg/L	0.002217	0.01041	mg/L	0.002217	21.30%
Cu 224.700†	117.0	1.305	mg/L	0.0180	1.305	mg/L	0.0180	1.38%
Cu 324.752†	5024.0	1.316	mg/L	0.0260	1.316	mg/L	0.0260	1.98%
Cu 327.393†	70897.7	1.383	mg/L	0.0324	1.383	mg/L	0.0324	2.34%
Fe 238.204†	920.4	1.448	mg/L	0.0165	1.448	mg/L	0.0165	1.14%
Fe 239.562†	638.6	1.450	mg/L	0.0097	1.450	mg/L	0.0097	0.67%
Fe 259.939†	1799.5	1.458	mg/L	0.0175	1.458	mg/L	0.0175	1.20%
Fe 273.955†	338.0	1.615	mg/L	0.0155	1.615	mg/L	0.0155	0.96%
K 766.490†	1211.0	2.739	mg/L	0.0599	2.739	mg/L	0.0599	2.19%
Li 610.362†	0.0	0.00000	mg/L	0.007927	0.00000	mg/L	0.007927	>999.9%
Li 670.784†	-46.8	-0.00120	mg/L	0.002188	-0.00120	mg/L	0.002188	183.02%
Mg 279.077†	279.5	1.430	mg/L	0.0069	1.430	mg/L	0.0069	0.48%
Mg 280.271†	43350.1	1.374	mg/L	0.0256	1.374	mg/L	0.0256	1.87%
Mg 285.213†	1270.9	1.369	mg/L	0.0101	1.369	mg/L	0.0101	0.74%
Mn 257.610†	425.6	0.07509	mg/L	0.000752	0.07509	mg/L	0.000752	1.00%
Mn 259.372†	571.2	0.07508	mg/L	0.000888	0.07508	mg/L	0.000888	1.18%
Mn 260.568†	294.7	0.07550	mg/L	0.000546	0.07550	mg/L	0.000546	0.72%
Mo 202.031†	0.6	0.02088	mg/L	0.019545	0.02088	mg/L	0.019545	93.58%
Mo 203.845†	0.1	0.00324	mg/L	0.073956	0.00324	mg/L	0.073956	>999.9%
Mo 204.597†	10.6	0.00171	mg/L	0.000323	0.00171	mg/L	0.000323	18.87%
Na 588.995†	191424.3	53.18	mg/L	0.239	53.18	mg/L	0.239	0.45%
Na 589.592†	214218.3	56.87	mg/L	0.229	56.87	mg/L	0.229	0.40%
Ni 221.648†	-2.0	-0.05959	mg/L	0.004599	-0.05959	mg/L	0.004599	7.72%
Ni 231.604†	66.0	0.00583	mg/L	0.000543	0.00583	mg/L	0.000543	9.30%
Ni 232.003†	-0.0	-0.00011	mg/L	0.015575	-0.00011	mg/L	0.015575	>999.9%
Pb 217.000†	0.3	0.03053	mg/L	0.065568	0.03053	mg/L	0.065568	214.73%

Pb 220.353†	39.6	0.01678 mg/L	0.001466	0.01678 mg/L	0.001466	8.74%
Sb 206.836†	10.9	0.00676 mg/L	0.000535	0.00676 mg/L	0.000535	7.92%
Sb 217.582†	0.2	0.02879 mg/L	0.084666	0.02879 mg/L	0.084666	294.11%
Se 196.026†	16.7	0.01896 mg/L	0.002417	0.01896 mg/L	0.002417	12.75%
Se 203.985†	5.8	0.01344 mg/L	0.006658	0.01344 mg/L	0.006658	49.55%
Sn 189.927†	0.4	0.00040 mg/L	0.000403	0.00040 mg/L	0.000403	100.55%
Sn 235.485†	3.6	0.1315 mg/L	0.04766	0.1315 mg/L	0.04766	36.24%
Sr 407.771†	831.1	0.00825 mg/L	0.000118	0.00825 mg/L	0.000118	1.43%
Sr 421.552†	1379.1	0.00857 mg/L	0.000373	0.00857 mg/L	0.000373	4.35%
Sr 460.733†	73.2	0.01016 mg/L	0.002642	0.01016 mg/L	0.002642	25.99%
Ti 334.940†	169.4	0.02020 mg/L	0.001024	0.02020 mg/L	0.001024	5.07%
Ti 336.121†	138.4	0.01942 mg/L	0.001146	0.01942 mg/L	0.001146	5.90%
Ti 337.279†	53.0	0.01911 mg/L	0.000318	0.01911 mg/L	0.000318	1.66%
Tl 190.801†	1.3	0.00202 mg/L	0.002474	0.00202 mg/L	0.002474	122.33%
Tl 276.787†	140.8	0.04284 mg/L	0.009673	0.04284 mg/L	0.009673	22.58%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	2.8	0.00292 mg/L	0.001457	0.00292 mg/L	0.001457	49.90%
V 309.310†	10.5	0.00625 mg/L	0.001383	0.00625 mg/L	0.001383	22.12%
V 310.230†	747.0	0.00617 mg/L	0.000527	0.00617 mg/L	0.000527	8.54%
Zn 202.548†	30.3	0.1347 mg/L	0.00437	0.1347 mg/L	0.00437	3.25%
Zn 206.200†	10.9	0.1326 mg/L	0.00143	0.1326 mg/L	0.00143	1.08%
Zn 213.857†	53.5	0.1332 mg/L	0.00015	0.1332 mg/L	0.00015	0.11%

Sequence No.: 48
Sample ID: 2001AH03S02
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 8/30/01 12:46:58 PM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S02

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121420.9						1243.67	1.02%
Y 360.073	2882721.6						47468.09	1.65%
Ag 328.068†	73.0	0.00045	mg/L	0.000243	0.00045	mg/L	0.000243	53.41%
Ag 338.289†	2.4	0.00003	mg/L	0.000533	0.00003	mg/L	0.000533	>999.9%
Al 308.215†	424.2	1.943	mg/L	0.0261	1.943	mg/L	0.0261	1.34%
Al 394.401†	902.3	1.918	mg/L	0.0219	1.918	mg/L	0.0219	1.14%
Al 396.153†	3167.6	1.919	mg/L	0.0139	1.919	mg/L	0.0139	0.72%
As 188.979†	0.3	0.1308	mg/L	0.21111	0.1308	mg/L	0.21111	161.39%
As 193.696†	5.3	0.00740	mg/L	0.001278	0.00740	mg/L	0.001278	17.27%
As 197.197†	-0.3	-0.1823	mg/L	0.23835	-0.1823	mg/L	0.23835	130.76%
B 208.889†	11.9	0.4904	mg/L	0.12531	0.4904	mg/L	0.12531	25.55%
B 249.677†	111.6	0.4532	mg/L	0.01650	0.4532	mg/L	0.01650	3.64%
B 249.772†	234.2	0.4492	mg/L	0.00537	0.4492	mg/L	0.00537	1.19%
Ba 233.527†	182.5	0.3146	mg/L	0.00508	0.3146	mg/L	0.00508	1.62%
Ba 455.403†	19079.0	0.3181	mg/L	0.00269	0.3181	mg/L	0.00269	0.85%
Ba 493.408†	32201.3	0.3177	mg/L	0.00181	0.3177	mg/L	0.00181	0.57%
Be 234.861†	-1385.9	-0.00508	mg/L	0.000165	-0.00508	mg/L	0.000165	3.24%
Be 313.042†	7.7	0.00033	mg/L	0.000125	0.00033	mg/L	0.000125	38.06%
Be 313.107†	7.7	0.00033	mg/L	0.000125	0.00033	mg/L	0.000125	38.06%
Ca 315.887†	6789.6	6.667	mg/L	0.0561	6.667	mg/L	0.0561	0.84%
Ca 317.933†	5769.1	6.017	mg/L	0.0594	6.017	mg/L	0.0594	0.99%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	19.6	0.00073	mg/L	0.000034	0.00073	mg/L	0.000034	4.63%
Cd 228.802†	0.4	0.00060	mg/L	0.000409	0.00060	mg/L	0.000409	68.68%
Ce 413.380†	-6.1	-0.00609	mg/L	0.011603	-0.00609	mg/L	0.011603	190.43%
Ce 413.764†	-0.2	-0.00016	mg/L	0.005837	-0.00016	mg/L	0.005837	>999.9%
Ce 418.660†	22.8	0.01112	mg/L	0.006778	0.01112	mg/L	0.006778	60.93%
Co 228.616†	17.4	0.00055	mg/L	0.000049	0.00055	mg/L	0.000049	9.02%
Co 230.786†	0.1	0.00040	mg/L	0.003366	0.00040	mg/L	0.003366	834.18%
Co 238.892†	0.3	0.00157	mg/L	0.001415	0.00157	mg/L	0.001415	90.21%
Cr 205.560†	-0.2	-0.00737	mg/L	0.006453	-0.00737	mg/L	0.006453	87.51%
Cr 267.716†	200.7	0.00872	mg/L	0.000323	0.00872	mg/L	0.000323	3.71%
Cr 283.563†	8.3	0.00995	mg/L	0.002262	0.00995	mg/L	0.002262	22.73%
Cu 224.700†	24.2	0.2700	mg/L	0.00774	0.2700	mg/L	0.00774	2.87%
Cu 324.752†	979.8	0.2567	mg/L	0.00228	0.2567	mg/L	0.00228	0.89%
Cu 327.393†	13933.6	0.2718	mg/L	0.00476	0.2718	mg/L	0.00476	1.75%

Fe 238.204†	476.8	0.7503 mg/L	0.00851	0.7503 mg/L	0.00851	1.13%
Fe 239.562†	333.1	0.7564 mg/L	0.00171	0.7564 mg/L	0.00171	0.23%
Fe 259.939†	933.4	0.7561 mg/L	0.00312	0.7561 mg/L	0.00312	0.41%
Fe 273.955†	176.5	0.8430 mg/L	0.00797	0.8430 mg/L	0.00797	0.95%
K 766.490†	1314.1	2.972 mg/L	0.0171	2.972 mg/L	0.0171	0.57%
Li 610.362†	-92.4	-0.01963 mg/L	0.017014	-0.01963 mg/L	0.017014	86.68%
Li 670.784†	-63.7	-0.00163 mg/L	0.002035	-0.00163 mg/L	0.002035	124.94%
Mg 279.077†	302.3	1.547 mg/L	0.0395	1.547 mg/L	0.0395	2.55%
Mg 280.271†	48389.9	1.533 mg/L	0.0109	1.533 mg/L	0.0109	0.71%
Mg 285.213†	1413.9	1.523 mg/L	0.0083	1.523 mg/L	0.0083	0.55%
Mn 257.610†	297.9	0.05256 mg/L	0.000311	0.05256 mg/L	0.000311	0.59%
Mn 259.372†	398.0	0.05249 mg/L	0.000249	0.05249 mg/L	0.000249	0.47%
Mn 260.568†	205.6	0.05269 mg/L	0.000869	0.05269 mg/L	0.000869	1.65%
Mo 202.031†	1.2	0.03933 mg/L	0.063321	0.03933 mg/L	0.063321	160.99%
Mo 203.845†	-0.8	-0.04643 mg/L	0.077658	-0.04643 mg/L	0.077658	167.25%
Mo 204.597†	7.9	0.00127 mg/L	0.000223	0.00127 mg/L	0.000223	17.55%
Na 588.995†	206105.0	57.26 mg/L	0.374	57.26 mg/L	0.374	0.65%
Na 589.592†	230037.4	61.06 mg/L	0.409	61.06 mg/L	0.409	0.67%
Ni 221.648†	-2.7	-0.07913 mg/L	0.010702	-0.07913 mg/L	0.010702	13.52%
Ni 231.604†	71.4	0.00630 mg/L	0.000142	0.00630 mg/L	0.000142	2.25%
Ni 232.003†	0.8	0.01262 mg/L	0.010922	0.01262 mg/L	0.010922	86.56%
Pb 217.000†	1.2	0.1210 mg/L	0.08941	0.1210 mg/L	0.08941	73.90%
Pb 220.353†	309.6	0.1313 mg/L	0.00292	0.1313 mg/L	0.00292	2.22%
Sb 206.836†	26.6	0.01644 mg/L	0.000590	0.01644 mg/L	0.000590	3.59%
Sb 217.582†	0.0	0.00700 mg/L	0.162272	0.00700 mg/L	0.162272	>999.9%
Se 196.026†	28.6	0.03254 mg/L	0.001938	0.03254 mg/L	0.001938	5.96%
Se 203.985†	8.4	0.01937 mg/L	0.007719	0.01937 mg/L	0.007719	39.85%
Sn 189.927†	3.0	0.00275 mg/L	0.001169	0.00275 mg/L	0.001169	42.53%
Sn 235.485†	-0.1	-0.00424 mg/L	0.030357	-0.00424 mg/L	0.030357	715.77%
Sr 407.771†	951.8	0.00945 mg/L	0.000145	0.00945 mg/L	0.000145	1.53%
Sr 421.552†	1629.8	0.01013 mg/L	0.000172	0.01013 mg/L	0.000172	1.70%
Sr 460.733†	57.7	0.00801 mg/L	0.006490	0.00801 mg/L	0.006490	81.02%
Ti 334.940†	198.3	0.02363 mg/L	0.000843	0.02363 mg/L	0.000843	3.57%
Ti 336.121†	163.9	0.02299 mg/L	0.001110	0.02299 mg/L	0.001110	4.83%
Ti 337.279†	58.3	0.02105 mg/L	0.001051	0.02105 mg/L	0.001051	4.99%
Tl 190.801†	1.1	0.00162 mg/L	0.003395	0.00162 mg/L	0.003395	209.95%
Tl 276.787†	114.7	0.03492 mg/L	0.008664	0.03492 mg/L	0.008664	24.81%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	1.3	0.00135 mg/L	0.001778	0.00135 mg/L	0.001778	131.50%
V 309.310†	11.3	0.00674 mg/L	0.000549	0.00674 mg/L	0.000549	8.15%
V 310.230†	937.4	0.00775 mg/L	0.000272	0.00775 mg/L	0.000272	3.51%
Zn 202.548†	26.0	0.1219 mg/L	0.00384	0.1219 mg/L	0.00384	3.15%
Zn 206.200†	10.4	0.1260 mg/L	0.00120	0.1260 mg/L	0.00120	0.95%
Zn 213.857†	48.9	0.1225 mg/L	0.00282	0.1225 mg/L	0.00282	2.30%

Sequence No.: 49 **Autosampler Location: 40**
Sample ID: 2001AH03S03 **Date Collected: 8/30/01 12:51:25 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 2001AH03S03

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	122255.0						1477.60	1.21%
Y 360.073	2885169.6						42893.41	1.49%
Ag 328.068†	39.6	0.00025	mg/L	0.000133	0.00025	mg/L	0.000133	53.99%
Ag 338.289†	8.4	0.00010	mg/L	0.000663	0.00010	mg/L	0.000663	670.78%
Al 308.215†	346.6	1.588	mg/L	0.0200	1.588	mg/L	0.0200	1.26%
Al 394.401†	736.6	1.566	mg/L	0.0279	1.566	mg/L	0.0279	1.78%
Al 396.153†	2614.2	1.583	mg/L	0.0630	1.583	mg/L	0.0630	3.98%
As 188.979†	0.0	0.01541	mg/L	0.412037	0.01541	mg/L	0.412037	>999.9%
As 193.696†	2.6	0.00361	mg/L	0.001424	0.00361	mg/L	0.001424	39.47%
As 197.197†	0.2	0.1051	mg/L	0.08180	0.1051	mg/L	0.08180	77.83%
B 208.889†	10.0	0.4120	mg/L	0.05060	0.4120	mg/L	0.05060	12.28%
B 249.677†	93.0	0.3779	mg/L	0.00612	0.3779	mg/L	0.00612	1.62%
B 249.772†	191.9	0.3682	mg/L	0.00721	0.3682	mg/L	0.00721	1.96%
Ba 233.527†	159.8	0.2754	mg/L	0.00622	0.2754	mg/L	0.00622	2.26%

Ba 455.403†	16790.2	0.2800 mg/L	0.00809	0.2800 mg/L	0.00809	2.89%
Ba 493.408†	28231.9	0.2785 mg/L	0.00876	0.2785 mg/L	0.00876	3.15%
Be 234.861†	-1081.1	-0.00396 mg/L	0.000186	-0.00396 mg/L	0.000186	4.70%
Be 313.042†	10.0	0.00043 mg/L	0.000081	0.00043 mg/L	0.000081	18.92%
Be 313.107†	10.0	0.00043 mg/L	0.000081	0.00043 mg/L	0.000081	18.92%
Ca 315.887†	5483.1	5.384 mg/L	0.1934	5.384 mg/L	0.1934	3.59%
Ca 317.933†	4694.6	4.897 mg/L	0.1085	4.897 mg/L	0.1085	2.22%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	17.5	0.00066 mg/L	0.000075	0.00066 mg/L	0.000075	11.39%
Cd 228.802†	-0.6	-0.00098 mg/L	0.000865	-0.00098 mg/L	0.000865	88.64%
Ce 413.380†	-12.8	-0.01286 mg/L	0.012235	-0.01286 mg/L	0.012235	95.15%
Ce 413.764†	-2.5	-0.00250 mg/L	0.009284	-0.00250 mg/L	0.009284	370.70%
Ce 418.660†	11.8	0.00576 mg/L	0.013213	0.00576 mg/L	0.013213	229.31%
Co 228.616†	13.6	0.00043 mg/L	0.000211	0.00043 mg/L	0.000211	49.62%
Co 230.786†	-0.2	-0.00119 mg/L	0.001679	-0.00119 mg/L	0.001679	141.00%
Co 238.892†	-0.3	-0.00138 mg/L	0.002646	-0.00138 mg/L	0.002646	192.08%
Cr 205.560†	-0.1	-0.00574 mg/L	0.026132	-0.00574 mg/L	0.026132	454.86%
Cr 267.716†	220.9	0.00960 mg/L	0.000070	0.00960 mg/L	0.000070	0.73%
Cr 283.563†	7.9	0.00944 mg/L	0.001931	0.00944 mg/L	0.001931	20.45%
Cu 224.700†	15.7	0.1756 mg/L	0.01373	0.1756 mg/L	0.01373	7.82%
Cu 324.752†	594.3	0.1557 mg/L	0.00357	0.1557 mg/L	0.00357	2.30%
Cu 327.393†	8684.6	0.1694 mg/L	0.00294	0.1694 mg/L	0.00294	1.74%
Fe 238.204†	355.9	0.5600 mg/L	0.01352	0.5600 mg/L	0.01352	2.41%
Fe 239.562†	248.3	0.5640 mg/L	0.01022	0.5640 mg/L	0.01022	1.81%
Fe 259.939†	695.3	0.5632 mg/L	0.01029	0.5632 mg/L	0.01029	1.83%
Fe 273.955†	131.8	0.6298 mg/L	0.00619	0.6298 mg/L	0.00619	0.98%
K 766.490†	1161.6	2.627 mg/L	0.0664	2.627 mg/L	0.0664	2.53%
Li 610.362†	-60.8	-0.01291 mg/L	0.003748	-0.01291 mg/L	0.003748	29.04%
Li 670.784†	-184.3	-0.00471 mg/L	0.001101	-0.00471 mg/L	0.001101	23.36%
Mg 279.077†	260.0	1.331 mg/L	0.0237	1.331 mg/L	0.0237	1.78%
Mg 280.271†	40889.9	1.296 mg/L	0.0334	1.296 mg/L	0.0334	2.58%
Mg 285.213†	1187.5	1.279 mg/L	0.0237	1.279 mg/L	0.0237	1.85%
Mn 257.610†	222.7	0.03930 mg/L	0.000764	0.03930 mg/L	0.000764	1.94%
Mn 259.372†	296.8	0.03901 mg/L	0.001051	0.03901 mg/L	0.001051	2.69%
Mn 260.568†	153.6	0.03935 mg/L	0.000961	0.03935 mg/L	0.000961	2.44%
Mo 202.031†	1.7	0.05757 mg/L	0.007284	0.05757 mg/L	0.007284	12.65%
Mo 203.845†	-1.0	-0.06055 mg/L	0.062623	-0.06055 mg/L	0.062623	103.42%
Mo 204.597†	8.3	0.00134 mg/L	0.000574	0.00134 mg/L	0.000574	42.89%
Na 588.995†	180481.2	50.14 mg/L	0.327	50.14 mg/L	0.327	0.65%
Na 589.592†	201193.0	53.41 mg/L	0.310	53.41 mg/L	0.310	0.58%
Ni 221.648†	-2.0	-0.06068 mg/L	0.016979	-0.06068 mg/L	0.016979	27.98%
Ni 231.604†	62.5	0.00552 mg/L	0.000475	0.00552 mg/L	0.000475	8.61%
Ni 232.003†	0.3	0.00487 mg/L	0.007819	0.00487 mg/L	0.007819	160.71%
Pb 217.000†	-0.1	-0.01415 mg/L	0.121740	-0.01415 mg/L	0.121740	860.38%
Pb 220.353†	35.9	0.01524 mg/L	0.002299	0.01524 mg/L	0.002299	15.09%
Sb 206.836†	14.3	0.00886 mg/L	0.002444	0.00886 mg/L	0.002444	27.58%
Sb 217.582†	-0.1	-0.01050 mg/L	0.057371	-0.01050 mg/L	0.057371	546.37%
Se 196.026†	34.3	0.03897 mg/L	0.002689	0.03897 mg/L	0.002689	6.90%
Se 203.985†	9.7	0.02248 mg/L	0.005759	0.02248 mg/L	0.005759	25.62%
Sn 189.927†	0.7	0.00063 mg/L	0.000738	0.00063 mg/L	0.000738	117.33%
Sn 235.485†	0.3	0.01066 mg/L	0.040464	0.01066 mg/L	0.040464	379.42%
Sr 407.771†	726.7	0.00722 mg/L	0.000162	0.00722 mg/L	0.000162	2.24%
Sr 421.552†	1205.3	0.00749 mg/L	0.000233	0.00749 mg/L	0.000233	3.11%
Sr 460.733†	44.8	0.00622 mg/L	0.009756	0.00622 mg/L	0.009756	156.82%
Ti 334.940†	148.1	0.01765 mg/L	0.001085	0.01765 mg/L	0.001085	6.15%
Ti 336.121†	123.2	0.01728 mg/L	0.001115	0.01728 mg/L	0.001115	6.45%
Ti 337.279†	42.7	0.01539 mg/L	0.000648	0.01539 mg/L	0.000648	4.21%
Tl 190.801†	0.8	0.00128 mg/L	0.001308	0.00128 mg/L	0.001308	102.16%
Tl 276.787†	94.4	0.02871 mg/L	0.006995	0.02871 mg/L	0.006995	24.36%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-0.3	-0.00033 mg/L	0.000671	-0.00033 mg/L	0.000671	202.75%
V 309.310†	8.0	0.00477 mg/L	0.001194	0.00477 mg/L	0.001194	25.03%
V 310.230†	821.7	0.00679 mg/L	0.000693	0.00679 mg/L	0.000693	10.21%
Zn 202.548†	25.3	0.1195 mg/L	0.00493	0.1195 mg/L	0.00493	4.13%
Zn 206.200†	8.8	0.1067 mg/L	0.00675	0.1067 mg/L	0.00675	6.33%
Zn 213.857†	39.7	0.09937 mg/L	0.003211	0.09937 mg/L	0.003211	3.23%

Sequence No.: 50 Autosampler Location: 41
Sample ID: 2001AH03S04 Date Collected: 8/30/01 12:55:54 PM

Analyst:
Sample Wt:
Dilution:

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S04

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120155.1						784.20	0.65%
Y 360.073	2882184.9						12708.53	0.44%
Ag 328.068†	181.9	0.00113	mg/L	0.000234	0.00113	mg/L	0.000234	20.69%
Ag 338.289†	83.9	0.00098	mg/L	0.000227	0.00098	mg/L	0.000227	23.12%
Al 308.215†	383.7	1.758	mg/L	0.0342	1.758	mg/L	0.0342	1.95%
Al 394.401†	816.4	1.736	mg/L	0.0348	1.736	mg/L	0.0348	2.00%
Al 396.153†	2855.4	1.730	mg/L	0.0304	1.730	mg/L	0.0304	1.76%
As 188.979†	-1.0	-0.3996	mg/L	0.34060	-0.3996	mg/L	0.34060	85.24%
As 193.696†	1.6	0.00222	mg/L	0.004174	0.00222	mg/L	0.004174	187.79%
As 197.197†	0.2	0.1014	mg/L	0.43841	0.1014	mg/L	0.43841	432.32%
B 208.889†	10.2	0.4183	mg/L	0.04975	0.4183	mg/L	0.04975	11.89%
B 249.677†	96.2	0.3906	mg/L	0.00972	0.3906	mg/L	0.00972	2.49%
B 249.772†	207.1	0.3974	mg/L	0.00658	0.3974	mg/L	0.00658	1.66%
Ba 233.527†	186.6	0.3215	mg/L	0.00824	0.3215	mg/L	0.00824	2.56%
Ba 455.403†	19714.4	0.3287	mg/L	0.00533	0.3287	mg/L	0.00533	1.62%
Ba 493.408†	33284.6	0.3284	mg/L	0.00661	0.3284	mg/L	0.00661	2.01%
Be 234.861†	-994.6	-0.00365	mg/L	0.000117	-0.00365	mg/L	0.000117	3.22%
Be 313.042†	7.3	0.00031	mg/L	0.000054	0.00031	mg/L	0.000054	17.48%
Be 313.107†	7.3	0.00031	mg/L	0.000054	0.00031	mg/L	0.000054	17.48%
Ca 315.887†	5871.9	5.766	mg/L	0.0760	5.766	mg/L	0.0760	1.32%
Ca 317.933†	5020.1	5.236	mg/L	0.1025	5.236	mg/L	0.1025	1.96%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	12.5	0.00047	mg/L	0.000113	0.00047	mg/L	0.000113	24.11%
Cd 228.802†	-0.2	-0.00028	mg/L	0.002769	-0.00028	mg/L	0.002769	973.81%
Ce 413.380†	6.9	0.00687	mg/L	0.006491	0.00687	mg/L	0.006491	94.49%
Ce 413.764†	-6.8	-0.00680	mg/L	0.002861	-0.00680	mg/L	0.002861	42.06%
Ce 418.660†	14.4	0.00703	mg/L	0.006943	0.00703	mg/L	0.006943	98.74%
Co 228.616†	27.3	0.00086	mg/L	0.000296	0.00086	mg/L	0.000296	34.45%
Co 230.786†	-0.4	-0.00247	mg/L	0.001754	-0.00247	mg/L	0.001754	70.92%
Co 238.892†	0.9	0.00437	mg/L	0.002290	0.00437	mg/L	0.002290	52.45%
Cr 205.560†	-0.1	-0.00267	mg/L	0.010753	-0.00267	mg/L	0.010753	402.85%
Cr 267.716†	187.8	0.00816	mg/L	0.000071	0.00816	mg/L	0.000071	0.87%
Cr 283.563†	9.1	0.01090	mg/L	0.002381	0.01090	mg/L	0.002381	21.85%
Cu 224.700†	200.5	2.237	mg/L	0.0217	2.237	mg/L	0.0217	0.97%
Cu 324.752†	8492.4	2.225	mg/L	0.0393	2.225	mg/L	0.0393	1.77%
Cu 327.393†	115862.4	2.260	mg/L	0.0199	2.260	mg/L	0.0199	0.88%
Fe 238.204†	342.0	0.5382	mg/L	0.00622	0.5382	mg/L	0.00622	1.15%
Fe 239.562†	238.5	0.5416	mg/L	0.00894	0.5416	mg/L	0.00894	1.65%
Fe 259.939†	670.9	0.5434	mg/L	0.01247	0.5434	mg/L	0.01247	2.30%
Fe 273.955†	125.6	0.6000	mg/L	0.00972	0.6000	mg/L	0.00972	1.62%
K 766.490†	1352.1	3.058	mg/L	0.0134	3.058	mg/L	0.0134	0.44%
Li 610.362†	-98.8	-0.02098	mg/L	0.011726	-0.02098	mg/L	0.011726	55.89%
Li 670.784†	-91.5	-0.00234	mg/L	0.002720	-0.00234	mg/L	0.002720	116.24%
Mg 279.077†	283.9	1.453	mg/L	0.0382	1.453	mg/L	0.0382	2.63%
Mg 280.271†	45352.0	1.437	mg/L	0.0247	1.437	mg/L	0.0247	1.72%
Mg 285.213†	1317.0	1.418	mg/L	0.0265	1.418	mg/L	0.0265	1.87%
Mn 257.610†	863.6	0.1524	mg/L	0.00260	0.1524	mg/L	0.00260	1.71%
Mn 259.372†	1145.1	0.1533	mg/L	0.00232	0.1533	mg/L	0.00232	1.51%
Mn 260.568†	595.3	0.1526	mg/L	0.00262	0.1526	mg/L	0.00262	1.72%
Mo 202.031†	0.7	0.02278	mg/L	0.018800	0.02278	mg/L	0.018800	82.54%
Mo 203.845†	-0.1	-0.00313	mg/L	0.109850	-0.00313	mg/L	0.109850	>999.9%
Mo 204.597†	0.2	0.00004	mg/L	0.000340	0.00004	mg/L	0.000340	951.91%
Na 588.995†	224520.9	62.38	mg/L	0.827	62.38	mg/L	0.827	1.33%
Na 589.592†	250757.5	66.56	mg/L	0.819	66.56	mg/L	0.819	1.23%
Ni 221.648†	-2.8	-0.08465	mg/L	0.027084	-0.08465	mg/L	0.027084	31.99%
Ni 231.604†	88.8	0.00785	mg/L	0.000133	0.00785	mg/L	0.000133	1.69%
Ni 232.003†	1.3	0.01985	mg/L	0.007733	0.01985	mg/L	0.007733	38.96%
Pb 217.000†	1.0	0.1029	mg/L	0.07745	0.1029	mg/L	0.07745	75.25%
Pb 220.353†	53.1	0.02251	mg/L	0.000421	0.02251	mg/L	0.000421	1.87%
Sb 206.836†	3.6	0.00223	mg/L	0.001737	0.00223	mg/L	0.001737	78.00%
Sb 217.582†	0.5	0.07625	mg/L	0.068243	0.07625	mg/L	0.068243	89.50%
Se 196.026†	17.5	0.01993	mg/L	0.005074	0.01993	mg/L	0.005074	25.46%

Se 203.985†	3.9	0.00910 mg/L	0.005717	0.00910 mg/L	0.005717	62.85%
Sn 189.927†	2.6	0.00238 mg/L	0.000983	0.00238 mg/L	0.000983	41.32%
Sn 235.485†	1.8	0.06473 mg/L	0.027158	0.06473 mg/L	0.027158	41.95%
Sr 407.771†	711.6	0.00707 mg/L	0.000230	0.00707 mg/L	0.000230	3.25%
Sr 421.552†	1174.6	0.00730 mg/L	0.000279	0.00730 mg/L	0.000279	3.81%
Sr 460.733†	-23.6	-0.00327 mg/L	0.003629	-0.00327 mg/L	0.003629	110.90%
Ti 334.940†	150.6	0.01795 mg/L	0.000300	0.01795 mg/L	0.000300	1.67%
Ti 336.121†	123.2	0.01728 mg/L	0.000242	0.01728 mg/L	0.000242	1.40%
Ti 337.279†	43.2	0.01559 mg/L	0.000482	0.01559 mg/L	0.000482	3.09%
Tl 190.801†	-0.1	-0.00009 mg/L	0.001329	-0.00009 mg/L	0.001329	>999.9%
Tl 276.787†	62.3	0.01895 mg/L	0.012572	0.01895 mg/L	0.012572	66.35%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	0.2	0.00022 mg/L	0.002769	0.00022 mg/L	0.002769	>999.9%
V 309.310†	8.6	0.00516 mg/L	0.002074	0.00516 mg/L	0.002074	40.22%
V 310.230†	744.8	0.00616 mg/L	0.000243	0.00616 mg/L	0.000243	3.94%
Zn 202.548†	29.9	0.1263 mg/L	0.00374	0.1263 mg/L	0.00374	2.96%
Zn 206.200†	10.1	0.1221 mg/L	0.00265	0.1221 mg/L	0.00265	2.17%
Zn 213.857†	47.9	0.1187 mg/L	0.00318	0.1187 mg/L	0.00318	2.68%

Sequence No.: 51 **Autosampler Location: 42**
Sample ID: 2001AH03D02 **Date Collected: 8/30/01 1:00:23 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 2001AH03D02

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	122019.3						3150.54	2.58%
Y 360.073	2896693.5						19363.46	0.67%
Ag 328.068†	155.6	0.00097	mg/L	0.000337	0.00097	mg/L	0.000337	34.78%
Ag 338.289†	64.1	0.00075	mg/L	0.000492	0.00075	mg/L	0.000492	65.42%
Al 308.215†	363.6	1.665	mg/L	0.0533	1.665	mg/L	0.0533	3.20%
Al 394.401†	770.6	1.638	mg/L	0.0399	1.638	mg/L	0.0399	2.44%
Al 396.153†	2690.9	1.630	mg/L	0.0328	1.630	mg/L	0.0328	2.01%
As 188.979†	0.3	0.1120	mg/L	0.23408	0.1120	mg/L	0.23408	208.95%
As 193.696†	2.4	0.00330	mg/L	0.001135	0.00330	mg/L	0.001135	34.44%
As 197.197†	0.0	0.00912	mg/L	0.055809	0.00912	mg/L	0.055809	612.23%
B 208.889†	11.6	0.4775	mg/L	0.04677	0.4775	mg/L	0.04677	9.79%
B 249.677†	87.5	0.3554	mg/L	0.01832	0.3554	mg/L	0.01832	5.16%
B 249.772†	191.5	0.3674	mg/L	0.00944	0.3674	mg/L	0.00944	2.57%
Ba 233.527†	176.8	0.3047	mg/L	0.00887	0.3047	mg/L	0.00887	2.91%
Ba 455.403†	18482.3	0.3082	mg/L	0.00763	0.3082	mg/L	0.00763	2.48%
Ba 493.408†	31093.5	0.3067	mg/L	0.00746	0.3067	mg/L	0.00746	2.43%
Be 234.861†	-1018.8	-0.00373	mg/L	0.000180	-0.00373	mg/L	0.000180	4.81%
Be 313.042†	8.2	0.00035	mg/L	0.000206	0.00035	mg/L	0.000206	58.72%
Be 313.107†	8.2	0.00035	mg/L	0.000206	0.00035	mg/L	0.000206	58.72%
Ca 315.887†	6005.8	5.897	mg/L	0.1270	5.897	mg/L	0.1270	2.15%
Ca 317.933†	5114.7	5.335	mg/L	0.1030	5.335	mg/L	0.1030	1.93%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	11.6	0.00043	mg/L	0.000077	0.00043	mg/L	0.000077	17.72%
Cd 228.802†	-0.8	-0.00134	mg/L	0.001050	-0.00134	mg/L	0.001050	78.30%
Ce 413.380†	-3.0	-0.00304	mg/L	0.006047	-0.00304	mg/L	0.006047	198.64%
Ce 413.764†	-2.4	-0.00242	mg/L	0.009562	-0.00242	mg/L	0.009562	394.51%
Ce 418.660†	16.5	0.00806	mg/L	0.002436	0.00806	mg/L	0.002436	30.24%
Co 228.616†	25.0	0.00079	mg/L	0.000593	0.00079	mg/L	0.000593	75.50%
Co 230.786†	0.4	0.00250	mg/L	0.004438	0.00250	mg/L	0.004438	177.36%
Co 238.892†	-0.3	-0.00118	mg/L	0.002307	-0.00118	mg/L	0.002307	195.67%
Cr 205.560†	-0.1	-0.00546	mg/L	0.046605	-0.00546	mg/L	0.046605	853.36%
Cr 267.716†	181.1	0.00787	mg/L	0.000274	0.00787	mg/L	0.000274	3.49%
Cr 283.563†	7.3	0.00876	mg/L	0.001069	0.00876	mg/L	0.001069	12.20%
Cu 224.700†	95.0	1.060	mg/L	0.0095	1.060	mg/L	0.0095	0.90%
Cu 324.752†	4035.6	1.057	mg/L	0.0268	1.057	mg/L	0.0268	2.53%
Cu 327.393†	55201.7	1.077	mg/L	0.0127	1.077	mg/L	0.0127	1.18%
Fe 238.204†	344.0	0.5414	mg/L	0.01460	0.5414	mg/L	0.01460	2.70%
Fe 239.562†	241.8	0.5491	mg/L	0.01650	0.5491	mg/L	0.01650	3.01%
Fe 259.939†	676.1	0.5477	mg/L	0.01355	0.5477	mg/L	0.01355	2.47%
Fe 273.955†	127.0	0.6067	mg/L	0.01666	0.6067	mg/L	0.01666	2.75%

K 766.490†	1209.6	2.736	mg/L	0.1234	2.736 mg/L	0.1234	4.51%
Li 610.362†	-90.4	-0.01919	mg/L	0.012835	-0.01919 mg/L	0.012835	66.88%
Li 670.784†	-64.4	-0.00164	mg/L	0.001586	-0.00164 mg/L	0.001586	96.43%
Mg 279.077†	286.2	1.465	mg/L	0.0528	1.465 mg/L	0.0528	3.61%
Mg 280.271†	44621.7	1.414	mg/L	0.0366	1.414 mg/L	0.0366	2.59%
Mg 285.213†	1291.5	1.391	mg/L	0.0340	1.391 mg/L	0.0340	2.45%
Mn 257.610†	757.8	0.1337	mg/L	0.00319	0.1337 mg/L	0.00319	2.39%
Mn 259.372†	1001.2	0.1339	mg/L	0.00347	0.1339 mg/L	0.00347	2.59%
Mn 260.568†	523.2	0.1341	mg/L	0.00334	0.1341 mg/L	0.00334	2.49%
Mo 202.031†	1.0	0.03400	mg/L	0.053022	0.03400 mg/L	0.053022	155.93%
Mo 203.845†	-0.8	-0.05253	mg/L	0.021315	-0.05253 mg/L	0.021315	40.57%
Mo 204.597†	4.2	0.00067	mg/L	0.000450	0.00067 mg/L	0.000450	67.23%
Na 588.995†	192601.5	53.51	mg/L	0.501	53.51 mg/L	0.501	0.94%
Na 589.592†	214945.2	57.06	mg/L	0.439	57.06 mg/L	0.439	0.77%
Ni 221.648†	-2.0	-0.05892	mg/L	0.006004	-0.05892 mg/L	0.006004	10.19%
Ni 231.604†	66.6	0.00588	mg/L	0.000320	0.00588 mg/L	0.000320	5.44%
Ni 232.003†	0.5	0.00807	mg/L	0.015629	0.00807 mg/L	0.015629	193.78%
Pb 217.000†	0.6	0.05849	mg/L	0.123395	0.05849 mg/L	0.123395	210.96%
Pb 220.353†	39.4	0.01669	mg/L	0.001135	0.01669 mg/L	0.001135	6.80%
Sb 206.836†	1.4	0.00086	mg/L	0.002165	0.00086 mg/L	0.002165	252.24%
Sb 217.582†	-0.5	-0.08093	mg/L	0.147808	-0.08093 mg/L	0.147808	182.65%
Se 196.026†	16.8	0.01914	mg/L	0.003565	0.01914 mg/L	0.003565	18.63%
Se 203.985†	1.5	0.00337	mg/L	0.005237	0.00337 mg/L	0.005237	155.21%
Sn 189.927†	-0.1	-0.00011	mg/L	0.001222	-0.00011 mg/L	0.001222	>999.9%
Sn 235.485†	1.1	0.04055	mg/L	0.082851	0.04055 mg/L	0.082851	204.29%
Sr 407.771†	733.1	0.00728	mg/L	0.000180	0.00728 mg/L	0.000180	2.47%
Sr 421.552†	1172.8	0.00729	mg/L	0.000401	0.00729 mg/L	0.000401	5.49%
Sr 460.733†	2.4	0.00033	mg/L	0.007371	0.00033 mg/L	0.007371	>999.9%
Ti 334.940†	142.3	0.01696	mg/L	0.000609	0.01696 mg/L	0.000609	3.59%
Ti 336.121†	115.6	0.01622	mg/L	0.000253	0.01622 mg/L	0.000253	1.56%
Ti 337.279†	40.4	0.01456	mg/L	0.000591	0.01456 mg/L	0.000591	4.06%
Tl 190.801†	1.7	0.00263	mg/L	0.000707	0.00263 mg/L	0.000707	26.83%
Tl 276.787†	76.5	0.02328	mg/L	0.012491	0.02328 mg/L	0.012491	53.66%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.1	-0.00324	mg/L	0.002672	-0.00324 mg/L	0.002672	82.45%
V 309.310†	7.2	0.00429	mg/L	0.002024	0.00429 mg/L	0.002024	47.16%
V 310.230†	713.9	0.00590	mg/L	0.000952	0.00590 mg/L	0.000952	16.13%
Zn 202.548†	64.1	0.2981	mg/L	0.00761	0.2981 mg/L	0.00761	2.55%
Zn 206.200†	23.4	0.2840	mg/L	0.01350	0.2840 mg/L	0.01350	4.75%
Zn 213.857†	117.9	0.2949	mg/L	0.00597	0.2949 mg/L	0.00597	2.02%

Sequence No.: 52
Sample ID: 2001AH03S05
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 8/30/01 1:04:54 PM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S05

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121729.9						1091.81	0.90%
Y 360.073	2947391.7						26083.77	0.88%
Ag 328.068†	88.9	0.00055	mg/L	0.000027	0.00055	mg/L	0.000027	4.92%
Ag 338.289†	44.2	0.00052	mg/L	0.000531	0.00052	mg/L	0.000531	102.58%
Al 308.215†	400.7	1.836	mg/L	0.0286	1.836	mg/L	0.0286	1.56%
Al 394.401†	852.9	1.813	mg/L	0.0268	1.813	mg/L	0.0268	1.48%
Al 396.153†	2977.9	1.804	mg/L	0.0377	1.804	mg/L	0.0377	2.09%
As 188.979†	0.1	0.04008	mg/L	0.223503	0.04008	mg/L	0.223503	557.58%
As 193.696†	2.1	0.00298	mg/L	0.002357	0.00298	mg/L	0.002357	79.16%
As 197.197†	0.1	0.07791	mg/L	0.074813	0.07791	mg/L	0.074813	96.03%
B 208.889†	12.5	0.5134	mg/L	0.06931	0.5134	mg/L	0.06931	13.50%
B 249.677†	118.0	0.4792	mg/L	0.01129	0.4792	mg/L	0.01129	2.36%
B 249.772†	245.1	0.4702	mg/L	0.01028	0.4702	mg/L	0.01028	2.19%
Ba 233.527†	193.1	0.3328	mg/L	0.00528	0.3328	mg/L	0.00528	1.59%
Ba 455.403†	19905.0	0.3319	mg/L	0.00897	0.3319	mg/L	0.00897	2.70%
Ba 493.408†	33578.6	0.3313	mg/L	0.00919	0.3313	mg/L	0.00919	2.77%
Be 234.861†	-1070.9	-0.00393	mg/L	0.000035	-0.00393	mg/L	0.000035	0.89%
Be 313.042†	9.0	0.00039	mg/L	0.000129	0.00039	mg/L	0.000129	33.35%

Be 313.107†	9.0	0.00039 mg/L	0.000129	0.00039 mg/L	0.000129	33.35%
Ca 315.887†	5934.4	5.827 mg/L	0.1562	5.827 mg/L	0.1562	2.68%
Ca 317.933†	5022.3	5.238 mg/L	0.1359	5.238 mg/L	0.1359	2.59%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	7.2	0.00027 mg/L	0.000066	0.00027 mg/L	0.000066	24.53%
Cd 228.802†	0.2	0.00026 mg/L	0.000732	0.00026 mg/L	0.000732	276.33%
Ce 413.380†	-9.5	-0.00948 mg/L	0.000444	-0.00948 mg/L	0.000444	4.69%
Ce 413.764†	-7.0	-0.00693 mg/L	0.015257	-0.00693 mg/L	0.015257	220.03%
Ce 418.660†	13.1	0.00641 mg/L	0.005988	0.00641 mg/L	0.005988	93.45%
Co 228.616†	15.7	0.00049 mg/L	0.000312	0.00049 mg/L	0.000312	63.40%
Co 230.786†	-0.1	-0.00089 mg/L	0.004432	-0.00089 mg/L	0.004432	497.07%
Co 238.892†	-0.1	-0.00040 mg/L	0.003194	-0.00040 mg/L	0.003194	788.60%
Cr 205.560†	0.2	0.00739 mg/L	0.006412	0.00739 mg/L	0.006412	86.74%
Cr 267.716†	272.1	0.01182 mg/L	0.000312	0.01182 mg/L	0.000312	2.64%
Cr 283.563†	9.6	0.01155 mg/L	0.002867	0.01155 mg/L	0.002867	24.83%
Cu 224.700†	24.8	0.2763 mg/L	0.01402	0.2763 mg/L	0.01402	5.07%
Cu 324.752†	944.6	0.2475 mg/L	0.00370	0.2475 mg/L	0.00370	1.50%
Cu 327.393†	13375.3	0.2609 mg/L	0.00813	0.2609 mg/L	0.00813	3.12%
Fe 238.204†	364.5	0.5737 mg/L	0.00919	0.5737 mg/L	0.00919	1.60%
Fe 239.562†	253.0	0.5746 mg/L	0.00658	0.5746 mg/L	0.00658	1.14%
Fe 259.939†	711.7	0.5765 mg/L	0.00990	0.5765 mg/L	0.00990	1.72%
Fe 273.955†	135.4	0.6466 mg/L	0.01575	0.6466 mg/L	0.01575	2.44%
K 766.490†	1228.9	2.779 mg/L	0.0634	2.779 mg/L	0.0634	2.28%
Li 610.362†	-100.9	-0.02142 mg/L	0.002934	-0.02142 mg/L	0.002934	13.70%
Li 670.784†	-122.7	-0.00314 mg/L	0.001955	-0.00314 mg/L	0.001955	62.32%
Mg 279.077†	300.4	1.537 mg/L	0.0210	1.537 mg/L	0.0210	1.36%
Mg 280.271†	47355.7	1.501 mg/L	0.0391	1.501 mg/L	0.0391	2.60%
Mg 285.213†	1381.1	1.487 mg/L	0.0227	1.487 mg/L	0.0227	1.52%
Mn 257.610†	548.5	0.09677 mg/L	0.001223	0.09677 mg/L	0.001223	1.26%
Mn 259.372†	734.6	0.09805 mg/L	0.002113	0.09805 mg/L	0.002113	2.15%
Mn 260.568†	380.9	0.09760 mg/L	0.001525	0.09760 mg/L	0.001525	1.56%
Mo 202.031†	0.8	0.02525 mg/L	0.037721	0.02525 mg/L	0.037721	149.41%
Mo 203.845†	0.7	0.04253 mg/L	0.048008	0.04253 mg/L	0.048008	112.87%
Mo 204.597†	4.5	0.00073 mg/L	0.000391	0.00073 mg/L	0.000391	53.61%
Na 588.995†	200965.5	55.83 mg/L	0.109	55.83 mg/L	0.109	0.20%
Na 589.592†	223815.3	59.41 mg/L	0.127	59.41 mg/L	0.127	0.21%
Ni 221.648†	-2.3	-0.06856 mg/L	0.032653	-0.06856 mg/L	0.032653	47.63%
Ni 231.604†	56.6	0.00500 mg/L	0.000046	0.00500 mg/L	0.000046	0.92%
Ni 232.003†	0.3	0.00472 mg/L	0.005226	0.00472 mg/L	0.005226	110.76%
Pb 217.000†	0.4	0.04553 mg/L	0.048709	0.04553 mg/L	0.048709	106.98%
Pb 220.353†	29.9	0.01269 mg/L	0.000902	0.01269 mg/L	0.000902	7.10%
Sb 206.836†	-0.4	-0.00027 mg/L	0.001462	-0.00027 mg/L	0.001462	541.93%
Sb 217.582†	-0.1	-0.01332 mg/L	0.068835	-0.01332 mg/L	0.068835	516.62%
Se 196.026†	19.6	0.02228 mg/L	0.003040	0.02228 mg/L	0.003040	13.64%
Se 203.985†	2.2	0.00521 mg/L	0.007145	0.00521 mg/L	0.007145	137.15%
Sn 189.927†	1.2	0.00115 mg/L	0.000462	0.00115 mg/L	0.000462	40.29%
Sn 235.485†	1.0	0.03716 mg/L	0.049190	0.03716 mg/L	0.049190	132.36%
Sr 407.771†	739.7	0.00735 mg/L	0.000353	0.00735 mg/L	0.000353	4.80%
Sr 421.552†	1213.7	0.00755 mg/L	0.000383	0.00755 mg/L	0.000383	5.07%
Sr 460.733†	20.2	0.00281 mg/L	0.009760	0.00281 mg/L	0.009760	347.64%
Ti 334.940†	184.2	0.02196 mg/L	0.000067	0.02196 mg/L	0.000067	0.31%
Ti 336.121†	150.5	0.02111 mg/L	0.000140	0.02111 mg/L	0.000140	0.66%
Ti 337.279†	55.2	0.01991 mg/L	0.000923	0.01991 mg/L	0.000923	4.63%
Tl 190.801†	-0.0	-0.00005 mg/L	0.004399	-0.00005 mg/L	0.004399	>999.9%
Tl 276.787†	83.5	0.02542 mg/L	0.008724	0.02542 mg/L	0.008724	34.32%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.0	-0.00310 mg/L	0.002676	-0.00310 mg/L	0.002676	86.45%
V 309.310†	8.0	0.00477 mg/L	0.000833	0.00477 mg/L	0.000833	17.48%
V 310.230†	557.0	0.00460 mg/L	0.000331	0.00460 mg/L	0.000331	7.20%
Zn 202.548†	20.8	0.09715 mg/L	0.006575	0.09715 mg/L	0.006575	6.77%
Zn 206.200†	7.3	0.08859 mg/L	0.001498	0.08859 mg/L	0.001498	1.69%
Zn 213.857†	37.5	0.09393 mg/L	0.003859	0.09393 mg/L	0.003859	4.11%

Sequence No.: 53
Sample ID: 2001AH03S05 Dup
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 8/30/01 1:09:25 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S05 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121575.6						1274.63	1.05%
Y 360.073	2893522.5						3673.70	0.13%
Ag 328.068†	127.5	0.00079	mg/L	0.000177	0.00079	mg/L	0.000177	22.30%
Ag 338.289†	22.9	0.00027	mg/L	0.000707	0.00027	mg/L	0.000707	263.39%
Al 308.215†	431.8	1.978	mg/L	0.0340	1.978	mg/L	0.0340	1.72%
Al 394.401†	911.7	1.938	mg/L	0.0368	1.938	mg/L	0.0368	1.90%
Al 396.153†	3208.1	1.943	mg/L	0.0676	1.943	mg/L	0.0676	3.48%
As 188.979†	-0.1	-0.04834	mg/L	0.202803	-0.04834	mg/L	0.202803	419.57%
As 193.696†	3.5	0.00481	mg/L	0.001278	0.00481	mg/L	0.001278	26.60%
As 197.197†	0.1	0.06446	mg/L	0.194160	0.06446	mg/L	0.194160	301.21%
B 208.889†	12.8	0.5260	mg/L	0.01211	0.5260	mg/L	0.01211	2.30%
B 249.677†	122.7	0.4983	mg/L	0.01530	0.4983	mg/L	0.01530	3.07%
B 249.772†	253.9	0.4870	mg/L	0.00489	0.4870	mg/L	0.00489	1.00%
Ba 233.527†	204.2	0.3520	mg/L	0.00641	0.3520	mg/L	0.00641	1.82%
Ba 455.403†	21332.2	0.3557	mg/L	0.00861	0.3557	mg/L	0.00861	2.42%
Ba 493.408†	36072.3	0.3559	mg/L	0.00964	0.3559	mg/L	0.00964	2.71%
Be 234.861†	-1162.5	-0.00426	mg/L	0.000033	-0.00426	mg/L	0.000033	0.79%
Be 313.042†	9.7	0.00042	mg/L	0.000039	0.00042	mg/L	0.000039	9.32%
Be 313.107†	9.7	0.00042	mg/L	0.000039	0.00042	mg/L	0.000039	9.32%
Ca 315.887†	6341.9	6.227	mg/L	0.1555	6.227	mg/L	0.1555	2.50%
Ca 317.933†	5445.1	5.680	mg/L	0.1667	5.680	mg/L	0.1667	2.93%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	9.1	0.00034	mg/L	0.000092	0.00034	mg/L	0.000092	26.97%
Cd 228.802†	-0.1	-0.00024	mg/L	0.001634	-0.00024	mg/L	0.001634	692.22%
Ce 413.380†	-4.0	-0.00401	mg/L	0.011784	-0.00401	mg/L	0.011784	293.63%
Ce 413.764†	-4.6	-0.00457	mg/L	0.005886	-0.00457	mg/L	0.005886	128.87%
Ce 418.660†	10.7	0.00523	mg/L	0.007941	0.00523	mg/L	0.007941	151.91%
Co 228.616†	24.5	0.00077	mg/L	0.000329	0.00077	mg/L	0.000329	42.85%
Co 230.786†	-0.7	-0.00447	mg/L	0.002818	-0.00447	mg/L	0.002818	63.10%
Co 238.892†	0.3	0.00132	mg/L	0.002950	0.00132	mg/L	0.002950	224.13%
Cr 205.560†	0.2	0.00738	mg/L	0.014528	0.00738	mg/L	0.014528	196.86%
Cr 267.716†	326.5	0.01419	mg/L	0.000157	0.01419	mg/L	0.000157	1.11%
Cr 283.563†	11.9	0.01431	mg/L	0.002669	0.01431	mg/L	0.002669	18.65%
Cu 224.700†	24.7	0.2754	mg/L	0.00642	0.2754	mg/L	0.00642	2.33%
Cu 324.752†	960.0	0.2515	mg/L	0.00413	0.2515	mg/L	0.00413	1.64%
Cu 327.393†	13667.0	0.2666	mg/L	0.00476	0.2666	mg/L	0.00476	1.79%
Fe 238.204†	397.3	0.6253	mg/L	0.01088	0.6253	mg/L	0.01088	1.74%
Fe 239.562†	277.5	0.6303	mg/L	0.01418	0.6303	mg/L	0.01418	2.25%
Fe 259.939†	777.2	0.6296	mg/L	0.00885	0.6296	mg/L	0.00885	1.41%
Fe 273.955†	145.5	0.6950	mg/L	0.01382	0.6950	mg/L	0.01382	1.99%
K 766.490†	1308.6	2.960	mg/L	0.1183	2.960	mg/L	0.1183	4.00%
Li 610.362†	-93.7	-0.01990	mg/L	0.001957	-0.01990	mg/L	0.001957	9.83%
Li 670.784†	-51.8	-0.00132	mg/L	0.002327	-0.00132	mg/L	0.002327	175.69%
Mg 279.077†	329.0	1.684	mg/L	0.0126	1.684	mg/L	0.0126	0.75%
Mg 280.271†	51195.6	1.622	mg/L	0.0412	1.622	mg/L	0.0412	2.54%
Mg 285.213†	1485.5	1.600	mg/L	0.0262	1.600	mg/L	0.0262	1.64%
Mn 257.610†	604.6	0.1067	mg/L	0.00194	0.1067	mg/L	0.00194	1.82%
Mn 259.372†	806.6	0.1076	mg/L	0.00154	0.1076	mg/L	0.00154	1.43%
Mn 260.568†	414.0	0.1061	mg/L	0.00175	0.1061	mg/L	0.00175	1.65%
Mo 202.031†	1.5	0.05145	mg/L	0.016340	0.05145	mg/L	0.016340	31.76%
Mo 203.845†	0.5	0.03373	mg/L	0.069736	0.03373	mg/L	0.069736	206.72%
Mo 204.597†	3.8	0.00061	mg/L	0.000866	0.00061	mg/L	0.000866	141.48%
Na 588.995†	218072.8	60.59	mg/L	0.326	60.59	mg/L	0.326	0.54%
Na 589.592†	244046.7	64.78	mg/L	0.377	64.78	mg/L	0.377	0.58%
Ni 221.648†	-3.7	-0.1099	mg/L	0.00332	-0.1099	mg/L	0.00332	3.02%
Ni 231.604†	68.5	0.00605	mg/L	0.000381	0.00605	mg/L	0.000381	6.30%
Ni 232.003†	0.9	0.01348	mg/L	0.011673	0.01348	mg/L	0.011673	86.59%
Pb 217.000†	0.8	0.08676	mg/L	0.093834	0.08676	mg/L	0.093834	108.16%
Pb 220.353†	29.9	0.01269	mg/L	0.001538	0.01269	mg/L	0.001538	12.12%
Sb 206.836†	1.5	0.00091	mg/L	0.001293	0.00091	mg/L	0.001293	142.65%
Sb 217.582†	0.1	0.01908	mg/L	0.030384	0.01908	mg/L	0.030384	159.23%
Se 196.026†	19.0	0.02164	mg/L	0.003956	0.02164	mg/L	0.003956	18.28%
Se 203.985†	2.6	0.00613	mg/L	0.003455	0.00613	mg/L	0.003455	56.36%
Sn 189.927†	0.7	0.00065	mg/L	0.001065	0.00065	mg/L	0.001065	164.25%
Sn 235.485†	1.9	0.06915	mg/L	0.049473	0.06915	mg/L	0.049473	71.55%
Sr 407.771†	779.7	0.00774	mg/L	0.000126	0.00774	mg/L	0.000126	1.63%

Sr 421.552†	1286.2	0.00800 mg/L	0.000456	0.00800 mg/L	0.000456	5.70%
Sr 460.733†	-2.3	-0.00032 mg/L	0.009384	-0.00032 mg/L	0.009384	>999.9%
Ti 334.940†	191.1	0.02277 mg/L	0.000290	0.02277 mg/L	0.000290	1.27%
Ti 336.121†	154.1	0.02161 mg/L	0.000320	0.02161 mg/L	0.000320	1.48%
Ti 337.279†	58.0	0.02092 mg/L	0.000979	0.02092 mg/L	0.000979	4.68%
Tl 190.801†	0.6	0.00089 mg/L	0.001793	0.00089 mg/L	0.001793	201.39%
Tl 276.787†	94.9	0.02889 mg/L	0.005703	0.02889 mg/L	0.005703	19.74%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.1	-0.00115 mg/L	0.000946	-0.00115 mg/L	0.000946	81.93%
V 309.310†	10.3	0.00616 mg/L	0.000772	0.00616 mg/L	0.000772	12.54%
V 310.230†	737.4	0.00610 mg/L	0.000388	0.00610 mg/L	0.000388	6.36%
Zn 202.548†	23.8	0.1114 mg/L	0.00511	0.1114 mg/L	0.00511	4.59%
Zn 206.200†	8.2	0.09941 mg/L	0.003468	0.09941 mg/L	0.003468	3.49%
Zn 213.857†	39.8	0.09959 mg/L	0.004454	0.09959 mg/L	0.004454	4.47%

Sequence No.: 54
Sample ID: 2001AH03S06
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 8/30/01 1:13:58 PM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S06

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119435.9						2930.72	2.45%
Y 360.073	2892391.4						36451.11	1.26%
Ag 328.068†	117.6	0.00073	mg/L	0.000231	0.00073	mg/L	0.000231	31.52%
Ag 338.289†	28.1	0.00033	mg/L	0.000297	0.00033	mg/L	0.000297	90.11%
Al 308.215†	388.2	1.778	mg/L	0.0378	1.778	mg/L	0.0378	2.13%
Al 394.401†	833.9	1.773	mg/L	0.0389	1.773	mg/L	0.0389	2.20%
Al 396.153†	2938.6	1.779	mg/L	0.0456	1.779	mg/L	0.0456	2.56%
As 188.979†	-0.0	-0.01775	mg/L	0.368512	-0.01775	mg/L	0.368512	>999.9%
As 193.696†	2.4	0.00330	mg/L	0.001560	0.00330	mg/L	0.001560	47.34%
As 197.197†	0.1	0.05598	mg/L	0.281719	0.05598	mg/L	0.281719	503.29%
B 208.889†	13.9	0.5714	mg/L	0.06774	0.5714	mg/L	0.06774	11.86%
B 249.677†	114.9	0.4668	mg/L	0.00638	0.4668	mg/L	0.00638	1.37%
B 249.772†	236.8	0.4543	mg/L	0.00816	0.4543	mg/L	0.00816	1.80%
Ba 233.527†	195.3	0.3366	mg/L	0.00803	0.3366	mg/L	0.00803	2.39%
Ba 455.403†	20677.3	0.3448	mg/L	0.00450	0.3448	mg/L	0.00450	1.31%
Ba 493.408†	34812.6	0.3434	mg/L	0.00515	0.3434	mg/L	0.00515	1.50%
Be 234.861†	-1059.8	-0.00388	mg/L	0.000041	-0.00388	mg/L	0.000041	1.06%
Be 313.042†	4.8	0.00021	mg/L	0.000110	0.00021	mg/L	0.000110	53.45%
Be 313.107†	4.8	0.00021	mg/L	0.000110	0.00021	mg/L	0.000110	53.45%
Ca 315.887†	6305.0	6.191	mg/L	0.1016	6.191	mg/L	0.1016	1.64%
Ca 317.933†	5383.2	5.615	mg/L	0.0933	5.615	mg/L	0.0933	1.66%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	10.2	0.00038	mg/L	0.000106	0.00038	mg/L	0.000106	27.84%
Cd 228.802†	-0.6	-0.00109	mg/L	0.001676	-0.00109	mg/L	0.001676	153.98%
Ce 413.380†	-5.5	-0.00551	mg/L	0.003678	-0.00551	mg/L	0.003678	66.78%
Ce 413.764†	-6.0	-0.00595	mg/L	0.010497	-0.00595	mg/L	0.010497	176.47%
Ce 418.660†	-3.1	-0.00151	mg/L	0.006793	-0.00151	mg/L	0.006793	449.82%
Co 228.616†	21.1	0.00066	mg/L	0.000182	0.00066	mg/L	0.000182	27.47%
Co 230.786†	-0.0	-0.00025	mg/L	0.006795	-0.00025	mg/L	0.006795	>999.9%
Co 238.892†	0.6	0.00296	mg/L	0.003471	0.00296	mg/L	0.003471	117.09%
Cr 205.560†	0.2	0.00723	mg/L	0.014128	0.00723	mg/L	0.014128	195.41%
Cr 267.716†	267.3	0.01161	mg/L	0.000078	0.01161	mg/L	0.000078	0.67%
Cr 283.563†	8.4	0.01011	mg/L	0.002619	0.01011	mg/L	0.002619	25.91%
Cu 224.700†	14.9	0.1664	mg/L	0.00750	0.1664	mg/L	0.00750	4.51%
Cu 324.752†	596.7	0.1563	mg/L	0.00279	0.1563	mg/L	0.00279	1.78%
Cu 327.393†	8548.5	0.1667	mg/L	0.00419	0.1667	mg/L	0.00419	2.51%
Fe 238.204†	355.7	0.5598	mg/L	0.01200	0.5598	mg/L	0.01200	2.14%
Fe 239.562†	246.2	0.5591	mg/L	0.01459	0.5591	mg/L	0.01459	2.61%
Fe 259.939†	696.1	0.5639	mg/L	0.01174	0.5639	mg/L	0.01174	2.08%
Fe 273.955†	130.6	0.6238	mg/L	0.01253	0.6238	mg/L	0.01253	2.01%
K 766.490†	1325.1	2.997	mg/L	0.0864	2.997	mg/L	0.0864	2.88%
Li 610.362†	-71.8	-0.01525	mg/L	0.017206	-0.01525	mg/L	0.017206	112.83%
Li 670.784†	-32.7	-0.00084	mg/L	0.000837	-0.00084	mg/L	0.000837	100.05%
Mg 279.077†	305.6	1.564	mg/L	0.0525	1.564	mg/L	0.0525	3.36%

Mg 280.271†	47534.0	1.506	mg/L	0.0271	1.506	mg/L	0.0271	1.80%
Mg 285.213†	1373.5	1.479	mg/L	0.0326	1.479	mg/L	0.0326	2.20%
Mn 257.610†	173.3	0.03059	mg/L	0.000764	0.03059	mg/L	0.000764	2.50%
Mn 259.372†	234.6	0.03057	mg/L	0.000748	0.03057	mg/L	0.000748	2.45%
Mn 260.568†	119.0	0.03049	mg/L	0.001617	0.03049	mg/L	0.001617	5.30%
Mo 202.031†	2.2	0.07494	mg/L	0.022843	0.07494	mg/L	0.022843	30.48%
Mo 203.845†	0.6	0.03476	mg/L	0.059741	0.03476	mg/L	0.059741	171.89%
Mo 204.597†	3.5	0.00057	mg/L	0.000304	0.00057	mg/L	0.000304	53.49%
Na 588.995†	206080.6	57.25	mg/L	0.162	57.25	mg/L	0.162	0.28%
Na 589.592†	230245.2	61.12	mg/L	0.205	61.12	mg/L	0.205	0.34%
Ni 221.648†	-3.2	-0.09515	mg/L	0.010593	-0.09515	mg/L	0.010593	11.13%
Ni 231.604†	64.0	0.00566	mg/L	0.000232	0.00566	mg/L	0.000232	4.10%
Ni 232.003†	0.5	0.00759	mg/L	0.016379	0.00759	mg/L	0.016379	215.91%
Pb 217.000†	-0.1	-0.00804	mg/L	0.051909	-0.00804	mg/L	0.051909	645.55%
Pb 220.353†	33.9	0.01439	mg/L	0.001216	0.01439	mg/L	0.001216	8.45%
Sb 206.836†	19.1	0.01177	mg/L	0.000838	0.01177	mg/L	0.000838	7.12%
Sb 217.582†	0.1	0.01238	mg/L	0.063088	0.01238	mg/L	0.063088	509.50%
Se 196.026†	17.2	0.01954	mg/L	0.003119	0.01954	mg/L	0.003119	15.96%
Se 203.985†	0.9	0.00210	mg/L	0.003193	0.00210	mg/L	0.003193	151.97%
Sn 189.927†	1.4	0.00130	mg/L	0.002628	0.00130	mg/L	0.002628	201.56%
Sn 235.485†	-0.7	-0.02429	mg/L	0.094558	-0.02429	mg/L	0.094558	389.29%
Sr 407.771†	639.7	0.00635	mg/L	0.000111	0.00635	mg/L	0.000111	1.75%
Sr 421.552†	1094.9	0.00681	mg/L	0.000538	0.00681	mg/L	0.000538	7.91%
Sr 460.733†	-43.5	-0.00604	mg/L	0.014785	-0.00604	mg/L	0.014785	244.59%
Ti 334.940†	128.4	0.01531	mg/L	0.000589	0.01531	mg/L	0.000589	3.85%
Ti 336.121†	103.2	0.01447	mg/L	0.000569	0.01447	mg/L	0.000569	3.93%
Ti 337.279†	36.1	0.01302	mg/L	0.000552	0.01302	mg/L	0.000552	4.24%
Tl 190.801†	0.1	0.00021	mg/L	0.001973	0.00021	mg/L	0.001973	936.84%
Tl 276.787†	69.2	0.02105	mg/L	0.006980	0.02105	mg/L	0.006980	33.16%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-1.7	-0.00176	mg/L	0.000822	-0.00176	mg/L	0.000822	46.66%
V 309.310†	6.2	0.00369	mg/L	0.000084	0.00369	mg/L	0.000084	2.26%
V 310.230†	712.3	0.00589	mg/L	0.000617	0.00589	mg/L	0.000617	10.48%
Zn 202.548†	18.0	0.08487	mg/L	0.001635	0.08487	mg/L	0.001635	1.93%
Zn 206.200†	6.9	0.08364	mg/L	0.014781	0.08364	mg/L	0.014781	17.67%
Zn 213.857†	31.1	0.07770	mg/L	0.001385	0.07770	mg/L	0.001385	1.78%

Sequence No.: 55
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 8/30/01 1:18:31 PM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123694.4						819.29	0.66%
Y 360.073	2927379.2						9244.04	0.32%
Ag 328.068†	-28.2	-0.00018	mg/L	0.000252	-0.00018	mg/L	0.000252	143.96%
Ag 338.289†	-12.1	-0.00014	mg/L	0.000920	-0.00014	mg/L	0.000920	648.35%
Al 308.215†	12.1	0.05564	mg/L	0.006466	0.05564	mg/L	0.006466	11.62%
Al 394.401†	16.9	0.03583	mg/L	0.006435	0.03583	mg/L	0.006435	17.96%
Al 396.153†	47.1	0.02715	mg/L	0.002913	0.02715	mg/L	0.002913	10.73%
As 188.979†	-0.3	-0.1067	mg/L	0.30163	-0.1067	mg/L	0.30163	282.59%
As 193.696†	2.4	0.00328	mg/L	0.003474	0.00328	mg/L	0.003474	106.00%
As 197.197†	0.0	0.00358	mg/L	0.300854	0.00358	mg/L	0.300854	>999.9%
B 208.889†	1.5	0.06155	mg/L	0.081211	0.06155	mg/L	0.081211	131.94%
B 249.677†	1.9	0.00783	mg/L	0.001054	0.00783	mg/L	0.001054	13.46%
B 249.772†	2.3	0.00436	mg/L	0.003480	0.00436	mg/L	0.003480	79.90%
Ba 233.527†	0.3	0.00051	mg/L	0.001522	0.00051	mg/L	0.001522	296.49%
Ba 455.403†	-16.8	-0.00028	mg/L	0.000062	-0.00028	mg/L	0.000062	22.09%
Ba 493.408†	9.5	0.00009	mg/L	0.000170	0.00009	mg/L	0.000170	180.64%
Be 234.861†	-25.3	-0.00009	mg/L	0.000028	-0.00009	mg/L	0.000028	30.41%
Be 313.042†	7.3	0.00031	mg/L	0.000030	0.00031	mg/L	0.000030	9.52%
Be 313.107†	7.3	0.00031	mg/L	0.000030	0.00031	mg/L	0.000030	9.52%
Ca 315.887†	38.7	0.03802	mg/L	0.007060	0.03802	mg/L	0.007060	18.57%
Ca 317.933†	38.6	0.04023	mg/L	0.002782	0.04023	mg/L	0.002782	6.92%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%

Cd 226.502†	-2.6	-0.00010	mg/L	0.000109	-0.00010	mg/L	0.000109 114.07%
Cd 228.802†	-0.5	-0.00082	mg/L	0.000905	-0.00082	mg/L	0.000905 110.99%
Ce 413.380†	4.6	0.00464	mg/L	0.007099	0.00464	mg/L	0.007099 152.99%
Ce 413.764†	-11.5	-0.01142	mg/L	0.006826	-0.01142	mg/L	0.006826 59.77%
Ce 418.660†	-0.8	-0.00040	mg/L	0.008152	-0.00040	mg/L	0.008152 >999.9%
Co 228.616†	47.4	0.00149	mg/L	0.000150	0.00149	mg/L	0.000150 10.08%
Co 230.786†	0.2	0.00148	mg/L	0.003992	0.00148	mg/L	0.003992 270.50%
Co 238.892†	0.1	0.00043	mg/L	0.004042	0.00043	mg/L	0.004042 944.70%
Cr 205.560†	-0.3	-0.01300	mg/L	0.005377	-0.01300	mg/L	0.005377 41.37%
Cr 267.716†	-2.1	-0.00009	mg/L	0.000075	-0.00009	mg/L	0.000075 81.50%
Cr 283.563†	-1.1	-0.00133	mg/L	0.004478	-0.00133	mg/L	0.004478 336.16%
Cu 224.700†	0.9	0.00985	mg/L	0.004268	0.00985	mg/L	0.004268 43.32%
Cu 324.752†	-12.8	-0.00336	mg/L	0.000328	-0.00336	mg/L	0.000328 9.76%
Cu 327.393†	-121.6	-0.00237	mg/L	0.000774	-0.00237	mg/L	0.000774 32.65%
Fe 238.204†	6.2	0.00975	mg/L	0.001175	0.00975	mg/L	0.001175 12.05%
Fe 239.562†	4.7	0.01071	mg/L	0.001388	0.01071	mg/L	0.001388 12.96%
Fe 259.939†	12.2	0.00992	mg/L	0.001106	0.00992	mg/L	0.001106 11.15%
Fe 273.955†	1.7	0.00793	mg/L	0.000956	0.00793	mg/L	0.000956 12.07%
K 766.490†	-84.0	-0.1900	mg/L	0.00936	-0.1900	mg/L	0.00936 4.93%
Li 610.362†	17.5	0.00372	mg/L	0.015152	0.00372	mg/L	0.015152 407.50%
Li 670.784†	-248.3	-0.00635	mg/L	0.001160	-0.00635	mg/L	0.001160 18.28%
Mg 279.077†	5.8	0.02982	mg/L	0.003677	0.02982	mg/L	0.003677 12.33%
Mg 280.271†	1119.2	0.03547	mg/L	0.000420	0.03547	mg/L	0.000420 1.18%
Mg 285.213†	33.7	0.03630	mg/L	0.001296	0.03630	mg/L	0.001296 3.57%
Mn 257.610†	-3.4	-0.00059	mg/L	0.000188	-0.00059	mg/L	0.000188 31.64%
Mn 259.372†	2.4	0.00014	mg/L	0.000122	0.00014	mg/L	0.000122 84.88%
Mn 260.568†	-0.6	-0.00016	mg/L	0.000262	-0.00016	mg/L	0.000262 158.77%
Mo 202.031†	1.1	0.03596	mg/L	0.025088	0.03596	mg/L	0.025088 69.77%
Mo 203.845†	0.3	0.01979	mg/L	0.053508	0.01979	mg/L	0.053508 270.42%
Mo 204.597†	1.4	0.00022	mg/L	0.000779	0.00022	mg/L	0.000779 346.60%
Na 588.995†	639.7	0.1777	mg/L	0.01839	0.1777	mg/L	0.01839 10.35%
Na 589.592†	658.0	0.1747	mg/L	0.01131	0.1747	mg/L	0.01131 6.47%
Ni 221.648†	-0.0	-0.00124	mg/L	0.037972	-0.00124	mg/L	0.037972 >999.9%
Ni 231.604†	15.0	0.00132	mg/L	0.000519	0.00132	mg/L	0.000519 39.20%
Ni 232.003†	0.8	0.01255	mg/L	0.010606	0.01255	mg/L	0.010606 84.50%
Pb 217.000†	0.1	0.00713	mg/L	0.109558	0.00713	mg/L	0.109558 >999.9%
Pb 220.353†	1.5	0.00063	mg/L	0.000837	0.00063	mg/L	0.000837 132.85%
Sb 206.836†	2.4	0.00150	mg/L	0.001507	0.00150	mg/L	0.001507 100.78%
Sb 217.582†	-0.0	-0.00058	mg/L	0.048620	-0.00058	mg/L	0.048620 >999.9%
Se 196.026†	3.9	0.00444	mg/L	0.001798	0.00444	mg/L	0.001798 40.51%
Se 203.985†	1.3	0.00295	mg/L	0.002790	0.00295	mg/L	0.002790 94.48%
Sn 189.927†	0.9	0.00088	mg/L	0.001388	0.00088	mg/L	0.001388 157.47%
Sn 235.485†	-1.0	-0.03755	mg/L	0.026779	-0.03755	mg/L	0.026779 71.31%
Sr 407.771†	-4.9	-0.00005	mg/L	0.000029	-0.00005	mg/L	0.000029 58.62%
Sr 421.552†	-27.8	-0.00017	mg/L	0.000205	-0.00017	mg/L	0.000205 118.43%
Sr 460.733†	-46.4	-0.00644	mg/L	0.004092	-0.00644	mg/L	0.004092 63.54%
Ti 334.940†	0.8	0.00010	mg/L	0.000245	0.00010	mg/L	0.000245 249.57%
Ti 336.121†	-3.7	-0.00052	mg/L	0.000206	-0.00052	mg/L	0.000206 39.66%
Ti 337.279†	-7.9	-0.00286	mg/L	0.000988	-0.00286	mg/L	0.000988 34.51%
Tl 190.801†	2.3	0.00345	mg/L	0.001003	0.00345	mg/L	0.001003 29.03%
Tl 276.787†	-1.9	-0.00057	mg/L	0.003246	-0.00057	mg/L	0.003246 566.21%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000 0.00%
V 290.880†	-1.9	-0.00197	mg/L	0.000813	-0.00197	mg/L	0.000813 41.24%
V 309.310†	5.5	0.00330	mg/L	0.000781	0.00330	mg/L	0.000781 23.66%
V 310.230†	191.2	0.00158	mg/L	0.000185	0.00158	mg/L	0.000185 11.68%
Zn 202.548†	1.5	0.00714	mg/L	0.009987	0.00714	mg/L	0.009987 139.95%
Zn 206.200†	-0.1	-0.00123	mg/L	0.008561	-0.00123	mg/L	0.008561 697.36%
Zn 213.857†	-2.6	-0.00648	mg/L	0.001871	-0.00648	mg/L	0.001871 28.89%

Sequence No.: 56
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 1:23:02 PM

Sample Prep Volume:
Data Type: Original

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

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Y 371.029            121851.9                                                          1054.81   0.87%
Y 360.073           2899466.1                                                         24604.32   0.85%
Ag 328.068†                6.0     0.00004 mg/L      0.000125     0.00004 mg/L      0.000125 335.21%
   QC value within limits for Ag 328.068  Recovery = Not calculated
Ag 338.289†              -19.1    -0.00022 mg/L      0.001196    -0.00022 mg/L      0.001196 533.49%
   QC value within limits for Ag 338.289  Recovery = Not calculated
Al 308.215†                5.1     0.02345 mg/L      0.006048     0.02345 mg/L      0.006048  25.79%
   QC value within limits for Al 308.215  Recovery = Not calculated
Al 394.401†                3.5     0.00743 mg/L      0.011697     0.00743 mg/L      0.011697 157.37%
   QC value within limits for Al 394.401  Recovery = Not calculated
Al 396.153†                3.5     0.00123 mg/L      0.003951     0.00123 mg/L      0.003951 321.87%
   QC value within limits for Al 396.153  Recovery = Not calculated
As 188.979†               -0.1    -0.05350 mg/L      0.272179    -0.05350 mg/L      0.272179 508.77%
   QC value within limits for As 188.979  Recovery = Not calculated
As 193.696†                0.9     0.00126 mg/L      0.002217     0.00126 mg/L      0.002217 175.96%
   QC value within limits for As 193.696  Recovery = Not calculated
As 197.197†               -0.4    -0.2070 mg/L       0.35857     -0.2070 mg/L       0.35857 173.18%
   QC value within limits for As 197.197  Recovery = Not calculated
B 208.889†                 0.9     0.03549 mg/L      0.074085     0.03549 mg/L      0.074085 208.78%
   QC value within limits for B 208.889  Recovery = Not calculated
B 249.677†                -0.1    -0.00027 mg/L      0.010537    -0.00027 mg/L      0.010537 >999.9%
   QC value within limits for B 249.677  Recovery = Not calculated
B 249.772†                 3.4     0.00659 mg/L      0.002157     0.00659 mg/L      0.002157  32.73%
   QC value within limits for B 249.772  Recovery = Not calculated
Ba 233.527†               -0.2    -0.00032 mg/L      0.001079    -0.00032 mg/L      0.001079 341.54%
   QC value within limits for Ba 233.527  Recovery = Not calculated
Ba 455.403†              -12.7    -0.00021 mg/L      0.000026    -0.00021 mg/L      0.000026  12.07%
   QC value within limits for Ba 455.403  Recovery = Not calculated
Ba 493.408†               34.5     0.00034 mg/L      0.000429     0.00034 mg/L      0.000429 125.92%
   QC value within limits for Ba 493.408  Recovery = Not calculated
Be 234.861†              -21.9    -0.00008 mg/L      0.000060    -0.00008 mg/L      0.000060  74.85%
   QC value within limits for Be 234.861  Recovery = Not calculated
Be 313.042†                6.3     0.00027 mg/L      0.000080     0.00027 mg/L      0.000080  29.67%
   QC value within limits for Be 313.042  Recovery = Not calculated
Be 313.107†                6.3     0.00027 mg/L      0.000080     0.00027 mg/L      0.000080  29.67%
   QC value within limits for Be 313.107  Recovery = Not calculated
Ca 315.887†               -2.2    -0.00221 mg/L      0.005472    -0.00221 mg/L      0.005472 247.98%
   QC value within limits for Ca 315.887  Recovery = Not calculated
Ca 317.933†                3.0     0.00313 mg/L      0.002989     0.00313 mg/L      0.002989  95.65%
   QC value within limits for Ca 317.933  Recovery = Not calculated
Cd 214.440†                0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Cd 214.440  Recovery = Not calculated
Cd 226.502†                1.8     0.00007 mg/L      0.000044     0.00007 mg/L      0.000044  65.99%
   QC value within limits for Cd 226.502  Recovery = Not calculated
Cd 228.802†                0.3     0.00059 mg/L      0.001921     0.00059 mg/L      0.001921 325.43%
   QC value within limits for Cd 228.802  Recovery = Not calculated
Ce 413.380†               -4.2    -0.00419 mg/L      0.002724    -0.00419 mg/L      0.002724  65.08%
   QC value within limits for Ce 413.380  Recovery = Not calculated
Ce 413.764†               -9.6    -0.00958 mg/L      0.009663    -0.00958 mg/L      0.009663 100.87%
   QC value within limits for Ce 413.764  Recovery = Not calculated
Ce 418.660†               13.8     0.00676 mg/L      0.010178     0.00676 mg/L      0.010178 150.54%
   QC value within limits for Ce 418.660  Recovery = Not calculated
Co 228.616†               -8.4    -0.00026 mg/L      0.000179    -0.00026 mg/L      0.000179  67.54%
   QC value within limits for Co 228.616  Recovery = Not calculated
Co 230.786†               -0.2    -0.00119 mg/L      0.001501    -0.00119 mg/L      0.001501 125.78%
   QC value within limits for Co 230.786  Recovery = Not calculated
Co 238.892†                0.6     0.00254 mg/L      0.002170     0.00254 mg/L      0.002170  85.29%
   QC value within limits for Co 238.892  Recovery = Not calculated
Cr 205.560†               -0.2    -0.00699 mg/L      0.013332    -0.00699 mg/L      0.013332 190.60%
   QC value within limits for Cr 205.560  Recovery = Not calculated
Cr 267.716†               -2.8    -0.00012 mg/L      0.000031    -0.00012 mg/L      0.000031  25.74%
   QC value within limits for Cr 267.716  Recovery = Not calculated
Cr 283.563†               -0.4    -0.00045 mg/L      0.001812    -0.00045 mg/L      0.001812 399.59%
   QC value within limits for Cr 283.563  Recovery = Not calculated
Cu 224.700†                1.1     0.01206 mg/L      0.019751     0.01206 mg/L      0.019751 163.71%
   QC value within limits for Cu 224.700  Recovery = Not calculated
Cu 324.752†              -12.0    -0.00314 mg/L      0.000097    -0.00314 mg/L      0.000097   3.10%
   QC value within limits for Cu 324.752  Recovery = Not calculated
Cu 327.393†              -90.7    -0.00177 mg/L      0.000386    -0.00177 mg/L      0.000386  21.83%
   QC value within limits for Cu 327.393  Recovery = Not calculated
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Fe 238.204†                -0.1    -0.00017 mg/L      0.001199    -0.00017 mg/L      0.001199 709.51%
   QC value within limits for Fe 238.204  Recovery = Not calculated
Fe 239.562†                 0.6     0.00142 mg/L      0.001064     0.00142 mg/L      0.001064  74.67%
   QC value within limits for Fe 239.562  Recovery = Not calculated
Fe 259.939†                -0.5    -0.00039 mg/L      0.000931    -0.00039 mg/L      0.000931 237.77%
   QC value within limits for Fe 259.939  Recovery = Not calculated
Fe 273.955†                 0.1     0.00043 mg/L      0.004977     0.00043 mg/L      0.004977 >999.9%
   QC value within limits for Fe 273.955  Recovery = Not calculated
K 766.490†                -39.7    -0.08980 mg/L      0.007638    -0.08980 mg/L      0.007638   8.51%
   QC value within limits for K 766.490  Recovery = Not calculated
Li 610.362†               -76.5    -0.01625 mg/L      0.012151    -0.01625 mg/L      0.012151  74.78%
   QC value within limits for Li 610.362  Recovery = Not calculated
Li 670.784†               -37.9    -0.00097 mg/L      0.000936    -0.00097 mg/L      0.000936  96.75%
   QC value within limits for Li 670.784  Recovery = Not calculated
Mg 279.077†                -0.1    -0.00032 mg/L      0.038773    -0.00032 mg/L      0.038773 >999.9%
   QC value within limits for Mg 279.077  Recovery = Not calculated
Mg 280.271†               -67.0    -0.00212 mg/L      0.000020    -0.00212 mg/L      0.000020   0.95%
   QC value within limits for Mg 280.271  Recovery = Not calculated
Mg 285.213†                -0.7    -0.00075 mg/L      0.000216    -0.00075 mg/L      0.000216  28.91%
   QC value within limits for Mg 285.213  Recovery = Not calculated
Mn 257.610†                -2.9    -0.00050 mg/L      0.000261    -0.00050 mg/L      0.000261  51.87%
   QC value within limits for Mn 257.610  Recovery = Not calculated
Mn 259.372†                -1.3    -0.00028 mg/L      0.000799    -0.00028 mg/L      0.000799 290.47%
   QC value within limits for Mn 259.372  Recovery = Not calculated
Mn 260.568†                -0.3    -0.00007 mg/L      0.000036    -0.00007 mg/L      0.000036  53.04%
   QC value within limits for Mn 260.568  Recovery = Not calculated
Mo 202.031†                 0.6     0.02075 mg/L      0.009561     0.02075 mg/L      0.009561  46.07%
   QC value within limits for Mo 202.031  Recovery = Not calculated
Mo 203.845†                 0.6     0.03616 mg/L      0.073881     0.03616 mg/L      0.073881 204.34%
   QC value within limits for Mo 203.845  Recovery = Not calculated
Mo 204.597†                 2.3     0.00037 mg/L      0.000368     0.00037 mg/L      0.000368 100.68%
   QC value within limits for Mo 204.597  Recovery = Not calculated
Na 588.995†               962.7      0.2675 mg/L       0.00904      0.2675 mg/L       0.00904   3.38%
   QC value within limits for Na 588.995  Recovery = Not calculated
Na 589.592†              1036.0      0.2750 mg/L       0.01870      0.2750 mg/L       0.01870   6.80%
   QC value within limits for Na 589.592  Recovery = Not calculated
Ni 221.648†                 0.2     0.00479 mg/L      0.009893     0.00479 mg/L      0.009893 206.38%
   QC value within limits for Ni 221.648  Recovery = Not calculated
Ni 231.604†                -1.0    -0.00009 mg/L      0.000179    -0.00009 mg/L      0.000179 203.19%
   QC value within limits for Ni 231.604  Recovery = Not calculated
Ni 232.003†                -0.2    -0.00307 mg/L      0.007657    -0.00307 mg/L      0.007657 249.17%
   QC value within limits for Ni 232.003  Recovery = Not calculated
Pb 217.000†                 0.1     0.01030 mg/L      0.094332     0.01030 mg/L      0.094332 915.73%
   QC value within limits for Pb 217.000  Recovery = Not calculated
Pb 220.353†                 1.0     0.00044 mg/L      0.000575     0.00044 mg/L      0.000575 130.27%
   QC value within limits for Pb 220.353  Recovery = Not calculated
Sb 206.836†                 0.6     0.00035 mg/L      0.000969     0.00035 mg/L      0.000969 275.97%
   QC value within limits for Sb 206.836  Recovery = Not calculated
Sb 217.582†                -0.0    -0.00036 mg/L      0.098672    -0.00036 mg/L      0.098672 >999.9%
   QC value within limits for Sb 217.582  Recovery = Not calculated
Se 196.026†                -0.8    -0.00086 mg/L      0.001073    -0.00086 mg/L      0.001073 124.79%
   QC value within limits for Se 196.026  Recovery = Not calculated
Se 203.985†                 2.1     0.00481 mg/L      0.002040     0.00481 mg/L      0.002040  42.44%
   QC value within limits for Se 203.985  Recovery = Not calculated
Sn 189.927†                 1.5     0.00140 mg/L      0.001088     0.00140 mg/L      0.001088  77.56%
   QC value within limits for Sn 189.927  Recovery = Not calculated
Sn 235.485†                -2.3    -0.08214 mg/L      0.036815    -0.08214 mg/L      0.036815  44.82%
   QC value within limits for Sn 235.485  Recovery = Not calculated
Sr 407.771†                -2.0    -0.00002 mg/L      0.000017    -0.00002 mg/L      0.000017  86.16%
   QC value within limits for Sr 407.771  Recovery = Not calculated
Sr 421.552†               -13.4    -0.00008 mg/L      0.000070    -0.00008 mg/L      0.000070  84.22%
   QC value within limits for Sr 421.552  Recovery = Not calculated
Sr 460.733†              -109.8    -0.01524 mg/L      0.014106    -0.01524 mg/L      0.014106  92.57%
   QC value within limits for Sr 460.733  Recovery = Not calculated
Ti 334.940†                 0.5     0.00006 mg/L      0.000035     0.00006 mg/L      0.000035  54.04%
   QC value within limits for Ti 334.940  Recovery = Not calculated
Ti 336.121†                -4.8    -0.00067 mg/L      0.000406    -0.00067 mg/L      0.000406  60.77%
   QC value within limits for Ti 336.121  Recovery = Not calculated
Ti 337.279†                -6.1    -0.00222 mg/L      0.000836    -0.00222 mg/L      0.000836  37.71%
   QC value within limits for Ti 337.279  Recovery = Not calculated
```

Tl 190.801†	2.8	0.00429 mg/L	0.002665	0.00429 mg/L	0.002665	62.17%
QC value within limits for Tl 190.801 Recovery = Not calculated						
Tl 276.787†	4.7	0.00142 mg/L	0.000849	0.00142 mg/L	0.000849	59.74%
QC value within limits for Tl 276.787 Recovery = Not calculated						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value within limits for Tl 351.924 Recovery = Not calculated						
V 290.880†	-2.5	-0.00255 mg/L	0.001640	-0.00255 mg/L	0.001640	64.20%
QC value within limits for V 290.880 Recovery = Not calculated						
V 309.310†	2.9	0.00175 mg/L	0.000808	0.00175 mg/L	0.000808	46.25%
QC value within limits for V 309.310 Recovery = Not calculated						
V 310.230†	367.5	0.00304 mg/L	0.000592	0.00304 mg/L	0.000592	19.49%
QC value within limits for V 310.230 Recovery = Not calculated						
Zn 202.548†	-0.5	-0.00253 mg/L	0.003868	-0.00253 mg/L	0.003868	153.08%
QC value within limits for Zn 202.548 Recovery = Not calculated						
Zn 206.200†	0.2	0.00236 mg/L	0.004317	0.00236 mg/L	0.004317	182.59%
QC value within limits for Zn 206.200 Recovery = Not calculated						
Zn 213.857†	-3.3	-0.00827 mg/L	0.003380	-0.00827 mg/L	0.003380	40.88%
QC value within limits for Zn 213.857 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 57
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 1:27:28 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	122461.8						2207.06	1.80%
Y 360.073	2906082.2						31619.20	1.09%
Ag 328.068†	27765.4	0.1729	mg/L	0.00191	0.1729	mg/L	0.00191	1.11%
Ag 338.289†	14828.5	0.1737	mg/L	0.00251	0.1737	mg/L	0.00251	1.44%
Al 308.215†	222.0	1.017	mg/L	0.0166	1.017	mg/L	0.0166	1.64%
QC value within limits for Al 308.215 Recovery = 101.69%								
Al 394.401†	460.5	0.9791	mg/L	0.02727	0.9791	mg/L	0.02727	2.79%
QC value within limits for Al 394.401 Recovery = 97.91%								
Al 396.153†	1654.2	0.9982	mg/L	0.01970	0.9982	mg/L	0.01970	1.97%
QC value within limits for Al 396.153 Recovery = 99.82%								
As 188.979†	5.4	2.088	mg/L	0.3123	2.088	mg/L	0.3123	14.96%
QC value within limits for As 188.979 Recovery = 104.41%								
As 193.696†	1454.5	2.021	mg/L	0.0122	2.021	mg/L	0.0122	0.60%
QC value within limits for As 193.696 Recovery = 101.07%								
As 197.197†	4.1	2.176	mg/L	0.2835	2.176	mg/L	0.2835	13.03%
QC value within limits for As 197.197 Recovery = 108.79%								
B 208.889†	23.7	0.9728	mg/L	0.04441	0.9728	mg/L	0.04441	4.56%
QC value within limits for B 208.889 Recovery = 97.28%								
B 249.677†	227.1	0.9226	mg/L	0.02430	0.9226	mg/L	0.02430	2.63%
QC value within limits for B 249.677 Recovery = 92.26%								
B 249.772†	474.4	0.9101	mg/L	0.02184	0.9101	mg/L	0.02184	2.40%
QC value within limits for B 249.772 Recovery = 91.01%								
Ba 233.527†	561.1	0.9670	mg/L	0.02106	0.9670	mg/L	0.02106	2.18%
QC value within limits for Ba 233.527 Recovery = 96.70%								
Ba 455.403†	59058.3	0.9847	mg/L	0.00540	0.9847	mg/L	0.00540	0.55%
QC value within limits for Ba 455.403 Recovery = 98.47%								
Ba 493.408†	99904.8	0.9856	mg/L	0.00503	0.9856	mg/L	0.00503	0.51%
QC value within limits for Ba 493.408 Recovery = 98.56%								
Be 234.861†	289024.7	1.059	mg/L	0.0131	1.059	mg/L	0.0131	1.23%
QC value within limits for Be 234.861 Recovery = 105.93%								
Be 313.042†	22863.5	0.9774	mg/L	0.00680	0.9774	mg/L	0.00680	0.70%
QC value within limits for Be 313.042 Recovery = 97.74%								
Be 313.107†	22863.5	0.9774	mg/L	0.00680	0.9774	mg/L	0.00680	0.70%
QC value within limits for Be 313.107 Recovery = 97.74%								
Ca 315.887†	1117.8	1.098	mg/L	0.0255	1.098	mg/L	0.0255	2.32%
QC value within limits for Ca 315.887 Recovery = 109.76%								
Ca 317.933†	953.7	0.9948	mg/L	0.02521	0.9948	mg/L	0.02521	2.53%
QC value within limits for Ca 317.933 Recovery = 99.48%								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%

QC value less than the lower limit for Cd 214.440 Recovery = 0.00%

Cd 226.502†	26625.7	0.9973 mg/L	0.01509	0.9973 mg/L	0.01509	1.51%
QC value within limits for Cd 226.502 Recovery = 99.73%						
Cd 228.802†	572.4	0.9674 mg/L	0.02122	0.9674 mg/L	0.02122	2.19%
QC value within limits for Cd 228.802 Recovery = 96.74%						
Ce 413.380†	982.4	0.9840 mg/L	0.03265	0.9840 mg/L	0.03265	3.32%
QC value within limits for Ce 413.380 Recovery = 98.40%						
Ce 413.764†	955.5	0.9510 mg/L	0.02209	0.9510 mg/L	0.02209	2.32%
QC value within limits for Ce 413.764 Recovery = 95.10%						
Ce 418.660†	2022.2	0.9888 mg/L	0.00748	0.9888 mg/L	0.00748	0.76%
QC value within limits for Ce 418.660 Recovery = 98.88%						
Co 228.616†	31511.8	0.9906 mg/L	0.01465	0.9906 mg/L	0.01465	1.48%
QC value within limits for Co 228.616 Recovery = 99.06%						
Co 230.786†	136.9	0.9392 mg/L	0.01910	0.9392 mg/L	0.01910	2.03%
QC value within limits for Co 230.786 Recovery = 93.92%						
Co 238.892†	206.4	0.9492 mg/L	0.02825	0.9492 mg/L	0.02825	2.98%
QC value within limits for Co 238.892 Recovery = 94.92%						
Cr 205.560†	22.0	0.9941 mg/L	0.03712	0.9941 mg/L	0.03712	3.73%
QC value within limits for Cr 205.560 Recovery = 99.41%						
Cr 267.716†	22554.8	0.9799 mg/L	0.01350	0.9799 mg/L	0.01350	1.38%
QC value within limits for Cr 267.716 Recovery = 97.99%						
Cr 283.563†	792.6	0.9509 mg/L	0.02302	0.9509 mg/L	0.02302	2.42%
QC value within limits for Cr 283.563 Recovery = 95.09%						
Cu 224.700†	86.7	0.9677 mg/L	0.03670	0.9677 mg/L	0.03670	3.79%
QC value within limits for Cu 224.700 Recovery = 96.77%						
Cu 324.752†	3623.6	0.9494 mg/L	0.00025	0.9494 mg/L	0.00025	0.03%
QC value within limits for Cu 324.752 Recovery = 94.94%						
Cu 327.393†	49634.6	0.9681 mg/L	0.01630	0.9681 mg/L	0.01630	1.68%
QC value within limits for Cu 327.393 Recovery = 96.81%						
Fe 238.204†	615.2	0.9681 mg/L	0.01925	0.9681 mg/L	0.01925	1.99%
QC value within limits for Fe 238.204 Recovery = 96.81%						
Fe 239.562†	431.1	0.9790 mg/L	0.01595	0.9790 mg/L	0.01595	1.63%
QC value within limits for Fe 239.562 Recovery = 97.90%						
Fe 259.939†	1205.1	0.9762 mg/L	0.01562	0.9762 mg/L	0.01562	1.60%
QC value within limits for Fe 259.939 Recovery = 97.62%						
Fe 273.955†	225.8	1.079 mg/L	0.0189	1.079 mg/L	0.0189	1.75%
QC value within limits for Fe 273.955 Recovery = 107.85%						
K 766.490†	2243.2	5.074 mg/L	0.0086	5.074 mg/L	0.0086	0.17%
QC value within limits for K 766.490 Recovery = 101.47%						
Li 610.362†	4726.6	1.004 mg/L	0.0202	1.004 mg/L	0.0202	2.01%
QC value within limits for Li 610.362 Recovery = 100.38%						
Li 670.784†	38854.1	0.9931 mg/L	0.00543	0.9931 mg/L	0.00543	0.55%
QC value within limits for Li 670.784 Recovery = 99.31%						
Mg 279.077†	201.3	1.030 mg/L	0.0421	1.030 mg/L	0.0421	4.09%
QC value within limits for Mg 279.077 Recovery = 103.00%						
Mg 280.271†	31861.3	1.010 mg/L	0.0038	1.010 mg/L	0.0038	0.38%
QC value within limits for Mg 280.271 Recovery = 100.97%						
Mg 285.213†	922.8	0.9938 mg/L	0.02177	0.9938 mg/L	0.02177	2.19%
QC value within limits for Mg 285.213 Recovery = 99.38%						
Mn 257.610†	5529.9	0.9757 mg/L	0.01060	0.9757 mg/L	0.01060	1.09%
QC value within limits for Mn 257.610 Recovery = 97.57%						
Mn 259.372†	7295.9	0.9762 mg/L	0.00699	0.9762 mg/L	0.00699	0.72%
QC value within limits for Mn 259.372 Recovery = 97.62%						
Mn 260.568†	3814.6	0.9774 mg/L	0.00764	0.9774 mg/L	0.00764	0.78%
QC value within limits for Mn 260.568 Recovery = 97.74%						
Mo 202.031†	26.8	0.8940 mg/L	0.00714	0.8940 mg/L	0.00714	0.80%
QC value less than the lower limit for Mo 202.031 Recovery = 89.40%						
Mo 203.845†	13.8	0.8519 mg/L	0.03812	0.8519 mg/L	0.03812	4.47%
QC value less than the lower limit for Mo 203.845 Recovery = 85.19%						
Mo 204.597†	5444.0	0.8766 mg/L	0.01424	0.8766 mg/L	0.01424	1.62%
QC value less than the lower limit for Mo 204.597 Recovery = 87.66%						
Na 588.995†	4100.9	1.139 mg/L	0.0223	1.139 mg/L	0.0223	1.96%
Na 589.592†	4512.2	1.198 mg/L	0.0245	1.198 mg/L	0.0245	2.04%
Ni 221.648†	31.4	0.9325 mg/L	0.04072	0.9325 mg/L	0.04072	4.37%
QC value within limits for Ni 221.648 Recovery = 93.25%						
Ni 231.604†	11352.5	1.003 mg/L	0.0139	1.003 mg/L	0.0139	1.38%
QC value within limits for Ni 231.604 Recovery = 100.27%						
Ni 232.003†	64.4	0.9730 mg/L	0.03949	0.9730 mg/L	0.03949	4.06%
QC value within limits for Ni 232.003 Recovery = 97.30%						
Pb 217.000†	19.1	1.952 mg/L	0.0649	1.952 mg/L	0.0649	3.32%

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   QC value within limits for Pb 217.000  Recovery = 97.60%
Pb 220.353†            4752.9      2.015 mg/L       0.0328      2.015 mg/L       0.0328   1.63%
   QC value within limits for Pb 220.353  Recovery = 100.75%
Sb 206.836†            2978.4      1.840 mg/L       0.0197      1.840 mg/L       0.0197   1.07%
   QC value within limits for Sb 206.836  Recovery = 91.99%
Sb 217.582†              11.8      1.749 mg/L       0.1041      1.749 mg/L       0.1041   5.95%
   QC value less than the lower limit for Sb 217.582  Recovery = 87.47%
Se 196.026†             942.3      1.072 mg/L       0.0078      1.072 mg/L       0.0078   0.72%
   QC value within limits for Se 196.026  Recovery = 107.17%
Se 203.985†             476.4      1.105 mg/L       0.0119      1.105 mg/L       0.0119   1.07%
   QC value greater than the upper limit for Se 203.985  Recovery = 110.47%
Sn 189.927†            4741.6      4.415 mg/L       0.0448      4.415 mg/L       0.0448   1.01%
   QC value less than the lower limit for Sn 189.927  Recovery = 88.30%
Sn 235.485†             124.3      4.504 mg/L       0.0732      4.504 mg/L       0.0732   1.63%
   QC value within limits for Sn 235.485  Recovery = 90.08%
Sr 407.771†           96336.9      0.9569 mg/L      0.00580     0.9569 mg/L      0.00580   0.61%
   QC value within limits for Sr 407.771  Recovery = 95.69%
Sr 421.552†          159437.8      0.9912 mg/L      0.00680     0.9912 mg/L      0.00680   0.69%
   QC value within limits for Sr 421.552  Recovery = 99.12%
Sr 460.733†            6922.2      0.9610 mg/L      0.01379     0.9610 mg/L      0.01379   1.44%
   QC value within limits for Sr 460.733  Recovery = 96.10%
Ti 334.940†            7455.6      0.8886 mg/L      0.00572     0.8886 mg/L      0.00572   0.64%
   QC value less than the lower limit for Ti 334.940  Recovery = 88.86%
Ti 336.121†            6292.2      0.8826 mg/L      0.00831     0.8826 mg/L      0.00831   0.94%
   QC value less than the lower limit for Ti 336.121  Recovery = 88.26%
Ti 337.279†            2452.4      0.8848 mg/L      0.01391     0.8848 mg/L      0.01391   1.57%
   QC value less than the lower limit for Ti 337.279  Recovery = 88.48%
Tl 190.801†            3321.7      5.074 mg/L       0.0375      5.074 mg/L       0.0375   0.74%
   QC value within limits for Tl 190.801  Recovery = 101.48%
Tl 276.787†           15777.1      4.801 mg/L       0.0847      4.801 mg/L       0.0847   1.76%
   QC value within limits for Tl 276.787  Recovery = 96.02%
Tl 351.924†               0.0      0.00000 mg/L     0.000000    0.00000 mg/L     0.000000  0.00%
   QC value less than the lower limit for Tl 351.924  Recovery = 0.00%
V 290.880†             922.7      0.9566 mg/L      0.01364     0.9566 mg/L      0.01364   1.43%
   QC value within limits for V 290.880  Recovery = 95.66%
V 309.310†            1596.1      0.9544 mg/L      0.01517     0.9544 mg/L      0.01517   1.59%
   QC value within limits for V 309.310  Recovery = 95.44%
V 310.230†          119541.0      0.9881 mg/L      0.01342     0.9881 mg/L      0.01342   1.36%
   QC value within limits for V 310.230  Recovery = 98.81%
Zn 202.548†             199.0      0.9421 mg/L      0.00859     0.9421 mg/L      0.00859   0.91%
   QC value within limits for Zn 202.548  Recovery = 94.21%
Zn 206.200†              76.5      0.9289 mg/L      0.03290     0.9289 mg/L      0.03290   3.54%
   QC value within limits for Zn 206.200  Recovery = 92.89%
Zn 213.857†             375.9      0.9370 mg/L      0.03738     0.9370 mg/L      0.03738   3.99%
   QC value within limits for Zn 213.857  Recovery = 93.70%
QC Failed.  Continue with analysis.
```

Sequence No.: 58
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 1:31:59 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120538.5						1550.41	1.29%
Y 360.073	2915737.8						7698.01	0.26%
Ag 328.068†	7661.9	0.04772	mg/L	0.000175	0.04772	mg/L	0.000175	0.37%
QC value within limits for Ag 328.068 Recovery = 95.44%								
Ag 338.289†	4035.7	0.04729	mg/L	0.000870	0.04729	mg/L	0.000870	1.84%
QC value within limits for Ag 338.289 Recovery = 94.57%								
Al 308.215†	7.7	0.03520	mg/L	0.004577	0.03520	mg/L	0.004577	13.00%
Al 394.401†	5.8	0.01240	mg/L	0.006700	0.01240	mg/L	0.006700	54.05%
Al 396.153†	17.1	0.00845	mg/L	0.003992	0.00845	mg/L	0.003992	47.27%
As 188.979†	-0.2	-0.07364	mg/L	0.318038	-0.07364	mg/L	0.318038	431.89%
As 193.696†	1.0	0.00141	mg/L	0.003265	0.00141	mg/L	0.003265	230.76%
As 197.197†	-0.1	-0.07553	mg/L	0.096752	-0.07553	mg/L	0.096752	128.10%

B 208.889†	3.4	0.1383 mg/L	0.08721	0.1383 mg/L	0.08721	63.05%
B 249.677†	4.9	0.02010 mg/L	0.004627	0.02010 mg/L	0.004627	23.03%
B 249.772†	13.8	0.02655 mg/L	0.001721	0.02655 mg/L	0.001721	6.48%
Ba 233.527†	0.2	0.00032 mg/L	0.001483	0.00032 mg/L	0.001483	461.55%
Ba 455.403†	9.1	0.00015 mg/L	0.000048	0.00015 mg/L	0.000048	31.38%
Ba 493.408†	74.1	0.00073 mg/L	0.000521	0.00073 mg/L	0.000521	71.31%
Be 234.861†	15.6	0.00006 mg/L	0.000061	0.00006 mg/L	0.000061	107.40%
Be 313.042†	7.6	0.00032 mg/L	0.000074	0.00032 mg/L	0.000074	22.72%
Be 313.107†	7.6	0.00032 mg/L	0.000074	0.00032 mg/L	0.000074	22.72%
Ca 315.887†	35.5	0.03491 mg/L	0.011441	0.03491 mg/L	0.011441	32.78%
Ca 317.933†	32.5	0.03385 mg/L	0.002618	0.03385 mg/L	0.002618	7.73%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	6.7	0.00025 mg/L	0.000195	0.00025 mg/L	0.000195	78.14%
Cd 228.802†	0.3	0.00045 mg/L	0.000441	0.00045 mg/L	0.000441	97.96%
Ce 413.380†	-4.2	-0.00425 mg/L	0.010445	-0.00425 mg/L	0.010445	246.02%
Ce 413.764†	-5.3	-0.00526 mg/L	0.008168	-0.00526 mg/L	0.008168	155.19%
Ce 418.660†	2.3	0.00112 mg/L	0.005933	0.00112 mg/L	0.005933	530.06%
Co 228.616†	-10.6	-0.00033 mg/L	0.000534	-0.00033 mg/L	0.000534	161.00%
Co 230.786†	-0.6	-0.00446 mg/L	0.005609	-0.00446 mg/L	0.005609	125.86%
Co 238.892†	-0.2	-0.00085 mg/L	0.002048	-0.00085 mg/L	0.002048	240.88%
Cr 205.560†	-0.4	-0.01757 mg/L	0.014889	-0.01757 mg/L	0.014889	84.72%
Cr 267.716†	10.4	0.00045 mg/L	0.000216	0.00045 mg/L	0.000216	47.75%
Cr 283.563†	-0.1	-0.00009 mg/L	0.001293	-0.00009 mg/L	0.001293	>999.9%
Cu 224.700†	1.4	0.01618 mg/L	0.010292	0.01618 mg/L	0.010292	63.62%
Cu 324.752†	-3.0	-0.00077 mg/L	0.000972	-0.00077 mg/L	0.000972	125.59%
Cu 327.393†	-36.4	-0.00071 mg/L	0.000429	-0.00071 mg/L	0.000429	60.41%
Fe 238.204†	1.3	0.00199 mg/L	0.001107	0.00199 mg/L	0.001107	55.66%
Fe 239.562†	1.4	0.00328 mg/L	0.001771	0.00328 mg/L	0.001771	53.91%
Fe 259.939†	0.8	0.00066 mg/L	0.000752	0.00066 mg/L	0.000752	113.19%
Fe 273.955†	-0.5	-0.00251 mg/L	0.004640	-0.00251 mg/L	0.004640	185.07%
K 766.490†	-6.0	-0.01356 mg/L	0.027501	-0.01356 mg/L	0.027501	202.76%
Li 610.362†	-121.1	-0.02571 mg/L	0.007455	-0.02571 mg/L	0.007455	28.99%
Li 670.784†	94.6	0.00242 mg/L	0.001011	0.00242 mg/L	0.001011	41.80%
Mg 279.077†	1.3	0.00661 mg/L	0.031160	0.00661 mg/L	0.031160	471.28%
Mg 280.271†	188.1	0.00596 mg/L	0.000015	0.00596 mg/L	0.000015	0.26%
Mg 285.213†	5.6	0.00607 mg/L	0.000176	0.00607 mg/L	0.000176	2.89%
Mn 257.610†	-0.1	-0.00002 mg/L	0.000085	-0.00002 mg/L	0.000085	481.97%
Mn 259.372†	4.0	0.00027 mg/L	0.000546	0.00027 mg/L	0.000546	202.99%
Mn 260.568†	0.0	0.00000 mg/L	0.000402	0.00000 mg/L	0.000402	>999.9%
Mo 202.031†	1.7	0.05687 mg/L	0.036736	0.05687 mg/L	0.036736	64.60%
Mo 203.845†	-0.1	-0.00498 mg/L	0.101134	-0.00498 mg/L	0.101134	>999.9%
Mo 204.597†	14.6	0.00235 mg/L	0.000685	0.00235 mg/L	0.000685	29.21%
Na 588.995†	418.5	0.1163 mg/L	0.01224	0.1163 mg/L	0.01224	10.53%
Na 589.592†	514.3	0.1365 mg/L	0.00552	0.1365 mg/L	0.00552	4.04%
Ni 221.648†	0.1	0.00172 mg/L	0.011791	0.00172 mg/L	0.011791	684.11%
Ni 231.604†	8.1	0.00071 mg/L	0.000396	0.00071 mg/L	0.000396	55.56%
Ni 232.003†	0.4	0.00617 mg/L	0.005456	0.00617 mg/L	0.005456	88.37%
Pb 217.000†	0.6	0.06336 mg/L	0.063329	0.06336 mg/L	0.063329	99.95%
Pb 220.353†	1.9	0.00082 mg/L	0.002607	0.00082 mg/L	0.002607	318.84%
Sb 206.836†	1.5	0.00095 mg/L	0.001492	0.00095 mg/L	0.001492	157.26%
Sb 217.582†	0.2	0.02636 mg/L	0.101900	0.02636 mg/L	0.101900	386.52%
Se 196.026†	2.2	0.00253 mg/L	0.000817	0.00253 mg/L	0.000817	32.30%
Se 203.985†	3.1	0.00722 mg/L	0.003989	0.00722 mg/L	0.003989	55.24%
Sn 189.927†	3.6	0.00332 mg/L	0.001503	0.00332 mg/L	0.001503	45.35%
Sn 235.485†	-2.1	-0.07727 mg/L	0.050118	-0.07727 mg/L	0.050118	64.86%
Sr 407.771†	30.9	0.00031 mg/L	0.000043	0.00031 mg/L	0.000043	14.04%
Sr 421.552†	44.4	0.00028 mg/L	0.000181	0.00028 mg/L	0.000181	65.53%
Sr 460.733†	-80.9	-0.01124 mg/L	0.014847	-0.01124 mg/L	0.014847	132.12%
Ti 334.940†	4.1	0.00049 mg/L	0.000376	0.00049 mg/L	0.000376	76.98%
Ti 336.121†	-2.5	-0.00035 mg/L	0.000454	-0.00035 mg/L	0.000454	130.01%
Ti 337.279†	-3.4	-0.00122 mg/L	0.000629	-0.00122 mg/L	0.000629	51.63%
Tl 190.801†	2.3	0.00346 mg/L	0.001306	0.00346 mg/L	0.001306	37.75%
Tl 276.787†	6.6	0.00199 mg/L	0.001669	0.00199 mg/L	0.001669	83.72%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-0.9	-0.00095 mg/L	0.002971	-0.00095 mg/L	0.002971	313.47%
V 309.310†	2.8	0.00169 mg/L	0.001464	0.00169 mg/L	0.001464	86.90%
V 310.230†	46.0	0.00038 mg/L	0.000806	0.00038 mg/L	0.000806	212.13%
Zn 202.548†	2.9	0.01382 mg/L	0.006846	0.01382 mg/L	0.006846	49.54%
Zn 206.200†	0.5	0.00656 mg/L	0.004816	0.00656 mg/L	0.004816	73.38%
Zn 213.857†	1.1	0.00282 mg/L	0.002513	0.00282 mg/L	0.002513	89.01%

All analytes passed QC.

Sequence No.: 59
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 1:36:27 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	118992.6						1209.85	1.02%
Y 360.073	2785725.3						26224.74	0.94%
Ag 328.068†	-116.1	-0.00072	mg/L	0.000277	-0.00072	mg/L	0.000277	38.30%
Ag 338.289†	94.7	0.00111	mg/L	0.000118	0.00111	mg/L	0.000118	10.62%
Al 308.215†	21141.4	96.85	mg/L	2.079	96.85	mg/L	2.079	2.15%
QC value within limits for Al 308.215 Recovery = 96.85%								
Al 394.401†	45767.5	97.30	mg/L	2.235	97.30	mg/L	2.235	2.30%
Al 396.153†	157750.6	95.64	mg/L	0.350	95.64	mg/L	0.350	0.37%
As 188.979†	2.0	0.7577	mg/L	0.78887	0.7577	mg/L	0.78887	104.11%
As 193.696†	2.5	0.00345	mg/L	0.003090	0.00345	mg/L	0.003090	89.49%
As 197.197†	-0.3	-0.1760	mg/L	0.24508	-0.1760	mg/L	0.24508	139.26%
B 208.889†	1.2	0.05057	mg/L	0.031329	0.05057	mg/L	0.031329	61.96%
B 249.677†	3.4	0.01384	mg/L	0.006619	0.01384	mg/L	0.006619	47.84%
B 249.772†	84.8	0.1626	mg/L	0.00818	0.1626	mg/L	0.00818	5.03%
Ba 233.527†	0.8	0.00140	mg/L	0.001444	0.00140	mg/L	0.001444	103.11%
Ba 455.403†	11.3	0.00019	mg/L	0.000049	0.00019	mg/L	0.000049	26.23%
Ba 493.408†	128.0	0.00126	mg/L	0.000258	0.00126	mg/L	0.000258	20.42%
Be 234.861†	-168802.8	-0.6187	mg/L	0.01062	-0.6187	mg/L	0.01062	1.72%
Be 313.042†	10.0	0.00043	mg/L	0.000090	0.00043	mg/L	0.000090	20.94%
Be 313.107†	10.0	0.00043	mg/L	0.000090	0.00043	mg/L	0.000090	20.94%
Ca 315.887†	104720.8	102.8	mg/L	2.33	102.8	mg/L	2.33	2.27%
QC value within limits for Ca 315.887 Recovery = 102.83%								
Ca 317.933†	88574.4	92.39	mg/L	0.318	92.39	mg/L	0.318	0.34%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	74.4	0.00279	mg/L	0.000174	0.00279	mg/L	0.000174	6.24%
Cd 228.802†	-0.3	-0.00051	mg/L	0.001213	-0.00051	mg/L	0.001213	238.90%
Ce 413.380†	24.3	0.02430	mg/L	0.019942	0.02430	mg/L	0.019942	82.06%
Ce 413.764†	-1.0	-0.00100	mg/L	0.004511	-0.00100	mg/L	0.004511	452.94%
Ce 418.660†	35.3	0.01724	mg/L	0.004217	0.01724	mg/L	0.004217	24.46%
Co 228.616†	-60.2	-0.00189	mg/L	0.000431	-0.00189	mg/L	0.000431	22.75%
Co 230.786†	-0.7	-0.00496	mg/L	0.004684	-0.00496	mg/L	0.004684	94.53%
Co 238.892†	-18.6	-0.08536	mg/L	0.010262	-0.08536	mg/L	0.010262	12.02%
Cr 205.560†	-0.9	-0.04202	mg/L	0.008366	-0.04202	mg/L	0.008366	19.91%
Cr 267.716†	-32.3	-0.00140	mg/L	0.000053	-0.00140	mg/L	0.000053	3.77%
Cr 283.563†	22.8	0.02734	mg/L	0.004477	0.02734	mg/L	0.004477	16.38%
Cu 224.700†	1.9	0.02137	mg/L	0.010302	0.02137	mg/L	0.010302	48.21%
Cu 324.752†	0.6	0.00014	mg/L	0.001745	0.00014	mg/L	0.001745	>999.9%
Cu 327.393†	98.0	0.00191	mg/L	0.000608	0.00191	mg/L	0.000608	31.78%
Fe 238.204†	57940.7	91.18	mg/L	0.264	91.18	mg/L	0.264	0.29%
Fe 239.562†	40689.7	92.41	mg/L	1.981	92.41	mg/L	1.981	2.14%
Fe 259.939†	114022.0	92.36	mg/L	0.380	92.36	mg/L	0.380	0.41%
Fe 273.955†	21678.2	103.6	mg/L	2.42	103.6	mg/L	2.42	2.34%
QC value within limits for Fe 273.955 Recovery = 103.56%								
K 766.490†	45556.3	103.0	mg/L	2.55	103.0	mg/L	2.55	2.48%
QC value within limits for K 766.490 Recovery = 103.03%								
Li 610.362†	-223.1	-0.04739	mg/L	0.018045	-0.04739	mg/L	0.018045	38.08%
Li 670.784†	248.6	0.00636	mg/L	0.002049	0.00636	mg/L	0.002049	32.24%
Mg 279.077†	11550.6	59.12	mg/L	1.272	59.12	mg/L	1.272	2.15%
QC value within limits for Mg 279.077 Recovery = 98.53%								
Mg 280.271†	1720490.8	54.52	mg/L	0.197	54.52	mg/L	0.197	0.36%
Mg 285.213†	50675.2	54.57	mg/L	1.061	54.57	mg/L	1.061	1.94%
Mn 257.610†	17.6	0.00310	mg/L	0.000083	0.00310	mg/L	0.000083	2.69%
Mn 259.372†	792.1	0.00017	mg/L	0.001826	0.00017	mg/L	0.001826	>999.9%
Mn 260.568†	5.5	0.00141	mg/L	0.000031	0.00141	mg/L	0.000031	2.18%
Mo 202.031†	-1.3	-0.04444	mg/L	0.034183	-0.04444	mg/L	0.034183	76.93%
Mo 203.845†	1.6	0.09804	mg/L	0.098895	0.09804	mg/L	0.098895	100.87%
Mo 204.597†	17.3	0.00279	mg/L	0.000328	0.00279	mg/L	0.000328	11.78%

Na 588.995†	334300.7	92.88	mg/L	0.435	92.88	mg/L	0.435	0.47%
Na 589.592†	376353.8	99.90	mg/L	0.484	99.90	mg/L	0.484	0.48%

QC value within limits for Na 589.592 Recovery = 99.90%

Ni 221.648†	0.4	0.01126	mg/L	0.037995	0.01126	mg/L	0.037995	337.55%
Ni 231.604†	25.5	0.00225	mg/L	0.000216	0.00225	mg/L	0.000216	9.63%
Ni 232.003†	0.4	0.00567	mg/L	0.016809	0.00567	mg/L	0.016809	296.20%
Pb 217.000†	-0.7	-0.06728	mg/L	0.072776	-0.06728	mg/L	0.072776	108.17%
Pb 220.353†	2.1	0.00089	mg/L	0.000444	0.00089	mg/L	0.000444	50.01%
Sb 206.836†	1.5	0.00096	mg/L	0.001484	0.00096	mg/L	0.001484	155.21%
Sb 217.582†	0.5	0.08061	mg/L	0.084264	0.08061	mg/L	0.084264	104.53%
Se 196.026†	-23.9	-0.02713	mg/L	0.004060	-0.02713	mg/L	0.004060	14.96%
Se 203.985†	6.9	0.01604	mg/L	0.011415	0.01604	mg/L	0.011415	71.17%
Sn 189.927†	-7.3	-0.00681	mg/L	0.001839	-0.00681	mg/L	0.001839	26.99%
Sn 235.485†	350.2	12.69	mg/L	0.113	12.69	mg/L	0.113	0.89%
Sr 407.771†	263.1	0.00261	mg/L	0.000016	0.00261	mg/L	0.000016	0.60%
Sr 421.552†	487.8	0.00303	mg/L	0.000125	0.00303	mg/L	0.000125	4.12%
Sr 460.733†	-20.8	-0.00289	mg/L	0.001883	-0.00289	mg/L	0.001883	65.13%
Ti 334.940†	5.5	0.00066	mg/L	0.000436	0.00066	mg/L	0.000436	66.27%
Ti 336.121†	3.5	0.00050	mg/L	0.000553	0.00050	mg/L	0.000553	111.45%
Ti 337.279†	-0.6	-0.00023	mg/L	0.001174	-0.00023	mg/L	0.001174	520.21%
Tl 190.801†	3.8	0.00579	mg/L	0.001586	0.00579	mg/L	0.001586	27.39%
Tl 276.787†	8147.2	2.479	mg/L	0.0271	2.479	mg/L	0.0271	1.09%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-4.1	-0.00423	mg/L	0.000983	-0.00423	mg/L	0.000983	23.26%
V 309.310†	-11.3	-0.00676	mg/L	0.004246	-0.00676	mg/L	0.004246	62.80%
V 310.230†	411.1	0.00340	mg/L	0.000483	0.00340	mg/L	0.000483	14.22%
Zn 202.548†	6.0	0.02482	mg/L	0.007087	0.02482	mg/L	0.007087	28.56%
Zn 206.200†	-1.6	-0.01929	mg/L	0.005850	-0.01929	mg/L	0.005850	30.33%
Zn 213.857†	17.9	0.03570	mg/L	0.001062	0.03570	mg/L	0.001062	2.97%

All analytes passed QC.

Sequence No.: 60 **Autosampler Location: 18**
Sample ID: wash **Date Collected: 8/30/01 1:41:06 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	121631.3						1210.80	1.00%
Y 360.073	2913598.8						43635.90	1.50%
Ag 328.068†	55.1	0.00034	mg/L	0.000614	0.00034	mg/L	0.000614	179.09%
Ag 338.289†	27.4	0.00032	mg/L	0.000413	0.00032	mg/L	0.000413	128.58%
Al 308.215†	6.8	0.03123	mg/L	0.005798	0.03123	mg/L	0.005798	18.57%
Al 394.401†	10.1	0.02151	mg/L	0.000730	0.02151	mg/L	0.000730	3.39%
Al 396.153†	27.5	0.01496	mg/L	0.007517	0.01496	mg/L	0.007517	50.24%
As 188.979†	-0.5	-0.1912	mg/L	0.14843	-0.1912	mg/L	0.14843	77.63%
As 193.696†	1.4	0.00200	mg/L	0.000873	0.00200	mg/L	0.000873	43.70%
As 197.197†	-0.1	-0.06373	mg/L	0.038536	-0.06373	mg/L	0.038536	60.47%
B 208.889†	-0.6	-0.02402	mg/L	0.087469	-0.02402	mg/L	0.087469	364.11%
B 249.677†	0.6	0.00234	mg/L	0.004024	0.00234	mg/L	0.004024	171.75%
B 249.772†	0.1	0.00011	mg/L	0.001658	0.00011	mg/L	0.001658	>999.9%
Ba 233.527†	-0.4	-0.00071	mg/L	0.000929	-0.00071	mg/L	0.000929	131.11%
Ba 455.403†	-16.6	-0.00028	mg/L	0.000073	-0.00028	mg/L	0.000073	26.35%
Ba 493.408†	4.0	0.00004	mg/L	0.000101	0.00004	mg/L	0.000101	256.35%
Be 234.861†	-9.6	-0.00004	mg/L	0.000019	-0.00004	mg/L	0.000019	52.71%
Be 313.042†	1.6	0.00007	mg/L	0.000022	0.00007	mg/L	0.000022	31.42%
Be 313.107†	1.6	0.00007	mg/L	0.000022	0.00007	mg/L	0.000022	31.42%
Ca 315.887†	15.0	0.01477	mg/L	0.009119	0.01477	mg/L	0.009119	61.73%
Ca 317.933†	18.6	0.01939	mg/L	0.003371	0.01939	mg/L	0.003371	17.38%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-1.2	-0.00005	mg/L	0.000099	-0.00005	mg/L	0.000099	215.45%
Cd 228.802†	0.3	0.00053	mg/L	0.000928	0.00053	mg/L	0.000928	174.68%
Ce 413.380†	1.7	0.00169	mg/L	0.003415	0.00169	mg/L	0.003415	202.25%
Ce 413.764†	-10.8	-0.01072	mg/L	0.002139	-0.01072	mg/L	0.002139	19.95%
Ce 418.660†	23.2	0.01136	mg/L	0.006548	0.01136	mg/L	0.006548	57.65%
Co 228.616†	-23.8	-0.00075	mg/L	0.000021	-0.00075	mg/L	0.000021	2.78%

Co 230.786†	0.0	0.00018 mg/L	0.003085	0.00018 mg/L	0.003085	>999.9%
Co 238.892†	0.3	0.00155 mg/L	0.004528	0.00155 mg/L	0.004528	292.04%
Cr 205.560†	-0.1	-0.00478 mg/L	0.004688	-0.00478 mg/L	0.004688	98.17%
Cr 267.716†	-1.7	-0.00007 mg/L	0.000050	-0.00007 mg/L	0.000050	68.89%
Cr 283.563†	-1.1	-0.00135 mg/L	0.002038	-0.00135 mg/L	0.002038	150.65%
Cu 224.700†	1.2	0.01372 mg/L	0.004413	0.01372 mg/L	0.004413	32.17%
Cu 324.752†	-10.7	-0.00281 mg/L	0.000632	-0.00281 mg/L	0.000632	22.48%
Cu 327.393†	-161.6	-0.00315 mg/L	0.000543	-0.00315 mg/L	0.000543	17.22%
Fe 238.204†	10.7	0.01687 mg/L	0.002864	0.01687 mg/L	0.002864	16.97%
Fe 239.562†	7.5	0.01705 mg/L	0.002948	0.01705 mg/L	0.002948	17.30%
Fe 259.939†	19.0	0.01537 mg/L	0.003280	0.01537 mg/L	0.003280	21.34%
Fe 273.955†	3.4	0.01617 mg/L	0.008040	0.01617 mg/L	0.008040	49.72%
K 766.490†	7.2	0.01637 mg/L	0.031209	0.01637 mg/L	0.031209	190.65%
Li 610.362†	50.6	0.01074 mg/L	0.011349	0.01074 mg/L	0.011349	105.70%
Li 670.784†	-184.7	-0.00472 mg/L	0.000808	-0.00472 mg/L	0.000808	17.12%
Mg 279.077†	3.7	0.01907 mg/L	0.033855	0.01907 mg/L	0.033855	177.49%
Mg 280.271†	390.6	0.01238 mg/L	0.001685	0.01238 mg/L	0.001685	13.62%
Mg 285.213†	11.6	0.01248 mg/L	0.003364	0.01248 mg/L	0.003364	26.95%
Mn 257.610†	-1.7	-0.00030 mg/L	0.000024	-0.00030 mg/L	0.000024	8.20%
Mn 259.372†	3.0	0.00017 mg/L	0.000094	0.00017 mg/L	0.000094	54.93%
Mn 260.568†	-0.0	0.00000 mg/L	0.000341	0.00000 mg/L	0.000341	>999.9%
Mo 202.031†	1.3	0.04502 mg/L	0.020208	0.04502 mg/L	0.020208	44.88%
Mo 203.845†	1.8	0.1091 mg/L	0.04613	0.1091 mg/L	0.04613	42.27%
Mo 204.597†	0.8	0.00012 mg/L	0.000154	0.00012 mg/L	0.000154	123.72%
Na 588.995†	405.5	0.1126 mg/L	0.01280	0.1126 mg/L	0.01280	11.36%
Na 589.592†	314.1	0.08338 mg/L	0.006384	0.08338 mg/L	0.006384	7.66%
Ni 221.648†	0.2	0.00711 mg/L	0.014390	0.00711 mg/L	0.014390	202.37%
Ni 231.604†	6.7	0.00059 mg/L	0.000363	0.00059 mg/L	0.000363	61.72%
Ni 232.003†	-0.0	-0.00004 mg/L	0.006071	-0.00004 mg/L	0.006071	>999.9%
Pb 217.000†	-0.5	-0.05183 mg/L	0.050687	-0.05183 mg/L	0.050687	97.79%
Pb 220.353†	-3.4	-0.00146 mg/L	0.001323	-0.00146 mg/L	0.001323	90.72%
Sb 206.836†	2.7	0.00166 mg/L	0.002359	0.00166 mg/L	0.002359	142.19%
Sb 217.582†	0.3	0.03748 mg/L	0.032726	0.03748 mg/L	0.032726	87.32%
Se 196.026†	-1.1	-0.00126 mg/L	0.003246	-0.00126 mg/L	0.003246	257.46%
Se 203.985†	0.9	0.00203 mg/L	0.009330	0.00203 mg/L	0.009330	459.17%
Sn 189.927†	1.1	0.00099 mg/L	0.001239	0.00099 mg/L	0.001239	125.46%
Sn 235.485†	-0.8	-0.03054 mg/L	0.051647	-0.03054 mg/L	0.051647	169.11%
Sr 407.771†	-7.6	-0.00008 mg/L	0.000030	-0.00008 mg/L	0.000030	39.98%
Sr 421.552†	-32.8	-0.00020 mg/L	0.000082	-0.00020 mg/L	0.000082	40.07%
Sr 460.733†	-48.4	-0.00672 mg/L	0.001030	-0.00672 mg/L	0.001030	15.32%
Ti 334.940†	-0.2	-0.00002 mg/L	0.000244	-0.00002 mg/L	0.000244	>999.9%
Ti 336.121†	-4.2	-0.00059 mg/L	0.000211	-0.00059 mg/L	0.000211	35.52%
Ti 337.279†	-5.1	-0.00183 mg/L	0.000700	-0.00183 mg/L	0.000700	38.14%
Tl 190.801†	2.5	0.00386 mg/L	0.003286	0.00386 mg/L	0.003286	85.12%
Tl 276.787†	5.0	0.00154 mg/L	0.002072	0.00154 mg/L	0.002072	134.84%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.5	-0.00155 mg/L	0.000714	-0.00155 mg/L	0.000714	46.05%
V 309.310†	1.7	0.00103 mg/L	0.001216	0.00103 mg/L	0.001216	117.81%
V 310.230†	42.7	0.00035 mg/L	0.000426	0.00035 mg/L	0.000426	120.64%
Zn 202.548†	-0.5	-0.00229 mg/L	0.006169	-0.00229 mg/L	0.006169	269.21%
Zn 206.200†	0.2	0.00239 mg/L	0.003113	0.00239 mg/L	0.003113	130.08%
Zn 213.857†	-2.1	-0.00520 mg/L	0.002077	-0.00520 mg/L	0.002077	39.96%

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Sequence No.: 61
Sample ID: 2001AH04S01
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 8/30/01 1:45:38 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH04S01

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119616.7						471.70	0.39%
Y 360.073	2888000.7						25780.42	0.89%
Ag 328.068†	131.2	0.00082	mg/L	0.000302	0.00082	mg/L	0.000302	36.98%
Ag 338.289†	18.8	0.00022	mg/L	0.000373	0.00022	mg/L	0.000373	169.22%
Al 308.215†	330.1	1.512	mg/L	0.0051	1.512	mg/L	0.0051	0.34%
Al 394.401†	706.6	1.502	mg/L	0.0216	1.502	mg/L	0.0216	1.44%

Al 396.153†	2446.7	1.483 mg/L	0.0226	1.483 mg/L	0.0226	1.52%
As 188.979†	-0.9	-0.3616 mg/L	0.43063	-0.3616 mg/L	0.43063	119.07%
As 193.696†	-0.9	-0.00119 mg/L	0.002068	-0.00119 mg/L	0.002068	173.27%
As 197.197†	-0.1	-0.06767 mg/L	0.216257	-0.06767 mg/L	0.216257	319.58%
B 208.889†	9.9	0.4072 mg/L	0.06908	0.4072 mg/L	0.06908	16.97%
B 249.677†	80.2	0.3257 mg/L	0.01428	0.3257 mg/L	0.01428	4.38%
B 249.772†	169.4	0.3250 mg/L	0.00159	0.3250 mg/L	0.00159	0.49%
Ba 233.527†	151.7	0.2615 mg/L	0.00146	0.2615 mg/L	0.00146	0.56%
Ba 455.403†	15918.7	0.2654 mg/L	0.00228	0.2654 mg/L	0.00228	0.86%
Ba 493.408†	26707.2	0.2635 mg/L	0.00218	0.2635 mg/L	0.00218	0.83%
Be 234.861†	-1361.2	-0.00499 mg/L	0.000044	-0.00499 mg/L	0.000044	0.88%
Be 313.042†	1.9	0.00008 mg/L	0.000012	0.00008 mg/L	0.000012	14.37%
Be 313.107†	1.9	0.00008 mg/L	0.000012	0.00008 mg/L	0.000012	14.37%
Ca 315.887†	5226.7	5.132 mg/L	0.0219	5.132 mg/L	0.0219	0.43%
Ca 317.933†	4450.2	4.642 mg/L	0.0440	4.642 mg/L	0.0440	0.95%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	11.4	0.00043 mg/L	0.000053	0.00043 mg/L	0.000053	12.38%
Cd 228.802†	0.5	0.00085 mg/L	0.000656	0.00085 mg/L	0.000656	76.89%
Ce 413.380†	-4.7	-0.00468 mg/L	0.006247	-0.00468 mg/L	0.006247	133.62%
Ce 413.764†	3.3	0.00328 mg/L	0.005818	0.00328 mg/L	0.005818	177.32%
Ce 418.660†	-0.1	-0.00007 mg/L	0.008322	-0.00007 mg/L	0.008322	>999.9%
Co 228.616†	10.9	0.00034 mg/L	0.000237	0.00034 mg/L	0.000237	68.86%
Co 230.786†	0.5	0.00377 mg/L	0.005141	0.00377 mg/L	0.005141	136.39%
Co 238.892†	-0.7	-0.00320 mg/L	0.002649	-0.00320 mg/L	0.002649	82.75%
Cr 205.560†	-0.1	-0.00672 mg/L	0.005183	-0.00672 mg/L	0.005183	77.15%
Cr 267.716†	167.0	0.00726 mg/L	0.000181	0.00726 mg/L	0.000181	2.49%
Cr 283.563†	7.6	0.00910 mg/L	0.000307	0.00910 mg/L	0.000307	3.37%
Cu 224.700†	157.4	1.756 mg/L	0.0348	1.756 mg/L	0.0348	1.98%
Cu 324.752†	6711.0	1.758 mg/L	0.0210	1.758 mg/L	0.0210	1.20%
Cu 327.393†	93625.2	1.826 mg/L	0.0135	1.826 mg/L	0.0135	0.74%
Fe 238.204†	466.3	0.7338 mg/L	0.00555	0.7338 mg/L	0.00555	0.76%
Fe 239.562†	324.7	0.7374 mg/L	0.00609	0.7374 mg/L	0.00609	0.83%
Fe 259.939†	915.1	0.7413 mg/L	0.00339	0.7413 mg/L	0.00339	0.46%
Fe 273.955†	171.8	0.8206 mg/L	0.01016	0.8206 mg/L	0.01016	1.24%
K 766.490†	1107.7	2.505 mg/L	0.0492	2.505 mg/L	0.0492	1.96%
Li 610.362†	-48.5	-0.01031 mg/L	0.005330	-0.01031 mg/L	0.005330	51.71%
Li 670.784†	-111.3	-0.00284 mg/L	0.002089	-0.00284 mg/L	0.002089	73.47%
Mg 279.077†	233.2	1.194 mg/L	0.0189	1.194 mg/L	0.0189	1.58%
Mg 280.271†	36965.4	1.171 mg/L	0.0095	1.171 mg/L	0.0095	0.81%
Mg 285.213†	1075.9	1.159 mg/L	0.0101	1.159 mg/L	0.0101	0.87%
Mn 257.610†	108.9	0.01922 mg/L	0.000087	0.01922 mg/L	0.000087	0.45%
Mn 259.372†	149.2	0.01906 mg/L	0.000647	0.01906 mg/L	0.000647	3.40%
Mn 260.568†	73.5	0.01884 mg/L	0.000739	0.01884 mg/L	0.000739	3.92%
Mo 202.031†	1.0	0.03315 mg/L	0.032071	0.03315 mg/L	0.032071	96.73%
Mo 203.845†	-0.1	-0.00553 mg/L	0.106713	-0.00553 mg/L	0.106713	>999.9%
Mo 204.597†	4.8	0.00077 mg/L	0.000293	0.00077 mg/L	0.000293	38.15%
Na 588.995†	189516.5	52.65 mg/L	0.224	52.65 mg/L	0.224	0.43%
Na 589.592†	211330.1	56.10 mg/L	0.212	56.10 mg/L	0.212	0.38%
Ni 221.648†	-2.1	-0.06383 mg/L	0.009183	-0.06383 mg/L	0.009183	14.39%
Ni 231.604†	76.3	0.00674 mg/L	0.000162	0.00674 mg/L	0.000162	2.41%
Ni 232.003†	0.3	0.00441 mg/L	0.011767	0.00441 mg/L	0.011767	266.83%
Pb 217.000†	-0.2	-0.01721 mg/L	0.103586	-0.01721 mg/L	0.103586	601.82%
Pb 220.353†	69.7	0.02956 mg/L	0.001302	0.02956 mg/L	0.001302	4.41%
Sb 206.836†	4.8	0.00298 mg/L	0.001738	0.00298 mg/L	0.001738	58.35%
Sb 217.582†	-0.5	-0.07316 mg/L	0.078297	-0.07316 mg/L	0.078297	107.02%
Se 196.026†	10.8	0.01226 mg/L	0.003903	0.01226 mg/L	0.003903	31.84%
Se 203.985†	1.0	0.00230 mg/L	0.005119	0.00230 mg/L	0.005119	222.39%
Sn 189.927†	2.7	0.00255 mg/L	0.000191	0.00255 mg/L	0.000191	7.49%
Sn 235.485†	0.8	0.03065 mg/L	0.049093	0.03065 mg/L	0.049093	160.17%
Sr 407.771†	535.5	0.00532 mg/L	0.000073	0.00532 mg/L	0.000073	1.38%
Sr 421.552†	839.4	0.00522 mg/L	0.000037	0.00522 mg/L	0.000037	0.71%
Sr 460.733†	-29.3	-0.00407 mg/L	0.011570	-0.00407 mg/L	0.011570	284.51%
Ti 334.940†	113.2	0.01349 mg/L	0.000476	0.01349 mg/L	0.000476	3.52%
Ti 336.121†	94.0	0.01319 mg/L	0.000390	0.01319 mg/L	0.000390	2.96%
Ti 337.279†	34.8	0.01256 mg/L	0.001003	0.01256 mg/L	0.001003	7.99%
Tl 190.801†	-0.5	-0.00080 mg/L	0.001770	-0.00080 mg/L	0.001770	220.42%
Tl 276.787†	97.5	0.02968 mg/L	0.003057	0.02968 mg/L	0.003057	10.30%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.4	-0.00142 mg/L	0.002844	-0.00142 mg/L	0.002844	200.06%
V 309.310†	3.9	0.00231 mg/L	0.002730	0.00231 mg/L	0.002730	118.38%

V 310.230†	326.3	0.00270 mg/L	0.000300	0.00270 mg/L	0.000300	11.12%
Zn 202.548†	23.4	0.09855 mg/L	0.008550	0.09855 mg/L	0.008550	8.68%
Zn 206.200†	6.6	0.08013 mg/L	0.001621	0.08013 mg/L	0.001621	2.02%
Zn 213.857†	33.2	0.08211 mg/L	0.001331	0.08211 mg/L	0.001331	1.62%

Sequence No.: 62
Sample ID: 2001AH04D01
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 8/30/01 1:50:12 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH04D01

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119146.6						1586.70	1.33%
Y 360.073	2884730.1						7581.95	0.26%
Ag 328.068†	62.4	0.00039	mg/L	0.000098	0.00039	mg/L	0.000098	25.27%
Ag 338.289†	-76.1	-0.00089	mg/L	0.000962	-0.00089	mg/L	0.000962	107.81%
Al 308.215†	290.6	1.331	mg/L	0.0305	1.331	mg/L	0.0305	2.29%
Al 394.401†	625.8	1.330	mg/L	0.0281	1.330	mg/L	0.0281	2.11%
Al 396.153†	2170.9	1.316	mg/L	0.0222	1.316	mg/L	0.0222	1.69%
As 188.979†	-0.8	-0.3102	mg/L	0.05054	-0.3102	mg/L	0.05054	16.29%
As 193.696†	0.2	0.00025	mg/L	0.001552	0.00025	mg/L	0.001552	630.58%
As 197.197†	-0.4	-0.2211	mg/L	0.19760	-0.2211	mg/L	0.19760	89.37%
B 208.889†	6.2	0.2549	mg/L	0.06663	0.2549	mg/L	0.06663	26.14%
B 249.677†	70.3	0.2855	mg/L	0.00579	0.2855	mg/L	0.00579	2.03%
B 249.772†	149.4	0.2866	mg/L	0.00569	0.2866	mg/L	0.00569	1.99%
Ba 233.527†	143.7	0.2476	mg/L	0.00590	0.2476	mg/L	0.00590	2.38%
Ba 455.403†	15168.5	0.2529	mg/L	0.00461	0.2529	mg/L	0.00461	1.82%
Ba 493.408†	25430.3	0.2509	mg/L	0.00461	0.2509	mg/L	0.00461	1.84%
Be 234.861†	-1396.1	-0.00512	mg/L	0.000072	-0.00512	mg/L	0.000072	1.40%
Be 313.042†	-0.0	0.00000	mg/L	0.000123	0.00000	mg/L	0.000123	>999.9%
Be 313.107†	-0.0	0.00000	mg/L	0.000123	0.00000	mg/L	0.000123	>999.9%
Ca 315.887†	5262.8	5.168	mg/L	0.0874	5.168	mg/L	0.0874	1.69%
Ca 317.933†	4502.4	4.696	mg/L	0.1165	4.696	mg/L	0.1165	2.48%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	10.0	0.00037	mg/L	0.000092	0.00037	mg/L	0.000092	24.63%
Cd 228.802†	0.5	0.00081	mg/L	0.000393	0.00081	mg/L	0.000393	48.48%
Ce 413.380†	4.4	0.00440	mg/L	0.007302	0.00440	mg/L	0.007302	165.87%
Ce 413.764†	1.7	0.00165	mg/L	0.005805	0.00165	mg/L	0.005805	351.39%
Ce 418.660†	22.9	0.01121	mg/L	0.010671	0.01121	mg/L	0.010671	95.22%
Co 228.616†	14.3	0.00045	mg/L	0.000050	0.00045	mg/L	0.000050	11.17%
Co 230.786†	0.0	0.00007	mg/L	0.001364	0.00007	mg/L	0.001364	>999.9%
Co 238.892†	-0.9	-0.00405	mg/L	0.004668	-0.00405	mg/L	0.004668	115.34%
Cr 205.560†	0.2	0.00709	mg/L	0.010865	0.00709	mg/L	0.010865	153.34%
Cr 267.716†	171.3	0.00744	mg/L	0.000085	0.00744	mg/L	0.000085	1.15%
Cr 283.563†	6.8	0.00815	mg/L	0.001051	0.00815	mg/L	0.001051	12.90%
Cu 224.700†	13.4	0.1492	mg/L	0.01077	0.1492	mg/L	0.01077	7.22%
Cu 324.752†	557.4	0.1460	mg/L	0.00315	0.1460	mg/L	0.00315	2.15%
Cu 327.393†	7762.2	0.1514	mg/L	0.00024	0.1514	mg/L	0.00024	0.16%
Fe 238.204†	505.5	0.7955	mg/L	0.01550	0.7955	mg/L	0.01550	1.95%
Fe 239.562†	352.0	0.7994	mg/L	0.01990	0.7994	mg/L	0.01990	2.49%
Fe 259.939†	992.0	0.8035	mg/L	0.01349	0.8035	mg/L	0.01349	1.68%
Fe 273.955†	187.4	0.8953	mg/L	0.02254	0.8953	mg/L	0.02254	2.52%
K 766.490†	1075.2	2.432	mg/L	0.0967	2.432	mg/L	0.0967	3.98%
Li 610.362†	-23.3	-0.00495	mg/L	0.010954	-0.00495	mg/L	0.010954	221.14%
Li 670.784†	-78.1	-0.00200	mg/L	0.001557	-0.00200	mg/L	0.001557	77.97%
Mg 279.077†	231.6	1.186	mg/L	0.0422	1.186	mg/L	0.0422	3.56%
Mg 280.271†	35729.6	1.132	mg/L	0.0183	1.132	mg/L	0.0183	1.62%
Mg 285.213†	1043.2	1.123	mg/L	0.0175	1.123	mg/L	0.0175	1.56%
Mn 257.610†	119.8	0.02113	mg/L	0.000159	0.02113	mg/L	0.000159	0.75%
Mn 259.372†	162.6	0.02087	mg/L	0.000506	0.02087	mg/L	0.000506	2.42%
Mn 260.568†	82.1	0.02102	mg/L	0.000520	0.02102	mg/L	0.000520	2.47%
Mo 202.031†	0.5	0.01590	mg/L	0.013554	0.01590	mg/L	0.013554	85.25%
Mo 203.845†	0.3	0.01565	mg/L	0.024675	0.01565	mg/L	0.024675	157.69%
Mo 204.597†	4.0	0.00065	mg/L	0.000233	0.00065	mg/L	0.000233	35.83%
Na 588.995†	182127.5	50.60	mg/L	0.092	50.60	mg/L	0.092	0.18%
Na 589.592†	203310.0	53.97	mg/L	0.130	53.97	mg/L	0.130	0.24%

Ni 221.648†	-2.3	-0.06697 mg/L	0.026271	-0.06697 mg/L	0.026271	39.23%
Ni 231.604†	72.2	0.00638 mg/L	0.000075	0.00638 mg/L	0.000075	1.18%
Ni 232.003†	0.8	0.01164 mg/L	0.006525	0.01164 mg/L	0.006525	56.04%
Pb 217.000†	0.1	0.01346 mg/L	0.130935	0.01346 mg/L	0.130935	972.99%
Pb 220.353†	25.9	0.01099 mg/L	0.000629	0.01099 mg/L	0.000629	5.72%
Sb 206.836†	1.9	0.00120 mg/L	0.000140	0.00120 mg/L	0.000140	11.66%
Sb 217.582†	-0.3	-0.04817 mg/L	0.042744	-0.04817 mg/L	0.042744	88.73%
Se 196.026†	12.7	0.01441 mg/L	0.004587	0.01441 mg/L	0.004587	31.83%
Se 203.985†	0.7	0.00165 mg/L	0.003734	0.00165 mg/L	0.003734	226.76%
Sn 189.927†	0.6	0.00052 mg/L	0.001084	0.00052 mg/L	0.001084	208.31%
Sn 235.485†	1.4	0.04906 mg/L	0.068968	0.04906 mg/L	0.068968	140.59%
Sr 407.771†	565.6	0.00562 mg/L	0.000108	0.00562 mg/L	0.000108	1.92%
Sr 421.552†	924.8	0.00575 mg/L	0.000204	0.00575 mg/L	0.000204	3.55%
Sr 460.733†	35.9	0.00499 mg/L	0.004762	0.00499 mg/L	0.004762	95.44%
Ti 334.940†	119.6	0.01425 mg/L	0.000259	0.01425 mg/L	0.000259	1.81%
Ti 336.121†	97.7	0.01371 mg/L	0.000991	0.01371 mg/L	0.000991	7.23%
Ti 337.279†	38.2	0.01377 mg/L	0.000385	0.01377 mg/L	0.000385	2.79%
Tl 190.801†	0.3	0.00046 mg/L	0.002400	0.00046 mg/L	0.002400	518.78%
Tl 276.787†	93.8	0.02855 mg/L	0.006553	0.02855 mg/L	0.006553	22.96%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	0.9	0.00098 mg/L	0.002364	0.00098 mg/L	0.002364	240.63%
V 309.310†	5.0	0.00302 mg/L	0.000719	0.00302 mg/L	0.000719	23.84%
V 310.230†	217.0	0.00179 mg/L	0.000974	0.00179 mg/L	0.000974	54.30%
Zn 202.548†	16.4	0.07700 mg/L	0.006418	0.07700 mg/L	0.006418	8.33%
Zn 206.200†	6.0	0.07304 mg/L	0.008397	0.07304 mg/L	0.008397	11.50%
Zn 213.857†	31.0	0.07743 mg/L	0.000836	0.07743 mg/L	0.000836	1.08%

Sequence No.: 63 **Autosampler Location: 48**
Sample ID: 2001AH04S02 **Date Collected: 8/30/01 1:54:39 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 2001AH04S02

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	119630.7						764.51	0.64%
Y 360.073	2872878.9						29781.22	1.04%
Ag 328.068†	31.3	0.00019	mg/L	0.000261	0.00019	mg/L	0.000261	133.83%
Ag 338.289†	-7.2	-0.00008	mg/L	0.000290	-0.00008	mg/L	0.000290	346.19%
Al 308.215†	238.3	1.091	mg/L	0.0146	1.091	mg/L	0.0146	1.34%
Al 394.401†	505.9	1.076	mg/L	0.0114	1.076	mg/L	0.0114	1.06%
Al 396.153†	1756.2	1.062	mg/L	0.0178	1.062	mg/L	0.0178	1.67%
As 188.979†	0.4	0.1417	mg/L	0.37760	0.1417	mg/L	0.37760	266.49%
As 193.696†	0.3	0.00048	mg/L	0.000898	0.00048	mg/L	0.000898	185.79%
As 197.197†	-0.5	-0.2894	mg/L	0.19104	-0.2894	mg/L	0.19104	66.02%
B 208.889†	7.5	0.3073	mg/L	0.11701	0.3073	mg/L	0.11701	38.07%
B 249.677†	71.7	0.2911	mg/L	0.01064	0.2911	mg/L	0.01064	3.65%
B 249.772†	143.4	0.2751	mg/L	0.00184	0.2751	mg/L	0.00184	0.67%
Ba 233.527†	138.2	0.2382	mg/L	0.00586	0.2382	mg/L	0.00586	2.46%
Ba 455.403†	14673.5	0.2447	mg/L	0.00421	0.2447	mg/L	0.00421	1.72%
Ba 493.408†	24747.4	0.2441	mg/L	0.00486	0.2441	mg/L	0.00486	1.99%
Be 234.861†	-741.1	-0.00272	mg/L	0.000175	-0.00272	mg/L	0.000175	6.45%
Be 313.042†	5.0	0.00021	mg/L	0.000078	0.00021	mg/L	0.000078	36.17%
Be 313.107†	5.0	0.00021	mg/L	0.000078	0.00021	mg/L	0.000078	36.17%
Ca 315.887†	4652.2	4.568	mg/L	0.0798	4.568	mg/L	0.0798	1.75%
Ca 317.933†	4057.7	4.232	mg/L	0.0518	4.232	mg/L	0.0518	1.22%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	8.0	0.00030	mg/L	0.000099	0.00030	mg/L	0.000099	32.96%
Cd 228.802†	0.0	0.00001	mg/L	0.001797	0.00001	mg/L	0.001797	>999.9%
Ce 413.380†	-11.6	-0.01159	mg/L	0.004827	-0.01159	mg/L	0.004827	41.64%
Ce 413.764†	-2.2	-0.00221	mg/L	0.008354	-0.00221	mg/L	0.008354	378.00%
Ce 418.660†	1.9	0.00091	mg/L	0.007943	0.00091	mg/L	0.007943	870.76%
Co 228.616†	23.6	0.00074	mg/L	0.000486	0.00074	mg/L	0.000486	65.55%
Co 230.786†	0.7	0.00495	mg/L	0.002911	0.00495	mg/L	0.002911	58.85%
Co 238.892†	0.7	0.00314	mg/L	0.002797	0.00314	mg/L	0.002797	89.17%
Cr 205.560†	-0.3	-0.01364	mg/L	0.025723	-0.01364	mg/L	0.025723	188.64%
Cr 267.716†	181.8	0.00790	mg/L	0.000222	0.00790	mg/L	0.000222	2.81%

Cr 283.563†	9.0	0.01077 mg/L	0.002288	0.01077 mg/L	0.002288	21.25%
Cu 224.700†	21.0	0.2340 mg/L	0.01049	0.2340 mg/L	0.01049	4.48%
Cu 324.752†	830.1	0.2175 mg/L	0.00363	0.2175 mg/L	0.00363	1.67%
Cu 327.393†	11598.0	0.2262 mg/L	0.00802	0.2262 mg/L	0.00802	3.55%
Fe 238.204†	265.2	0.4173 mg/L	0.01246	0.4173 mg/L	0.01246	2.99%
Fe 239.562†	184.4	0.4187 mg/L	0.01094	0.4187 mg/L	0.01094	2.61%
Fe 259.939†	518.2	0.4198 mg/L	0.01093	0.4198 mg/L	0.01093	2.61%
Fe 273.955†	97.1	0.4641 mg/L	0.02340	0.4641 mg/L	0.02340	5.04%
K 766.490†	973.0	2.201 mg/L	0.0709	2.201 mg/L	0.0709	3.22%
Li 610.362†	-87.4	-0.01855 mg/L	0.004729	-0.01855 mg/L	0.004729	25.49%
Li 670.784†	-147.7	-0.00378 mg/L	0.000952	-0.00378 mg/L	0.000952	25.20%
Mg 279.077†	205.7	1.053 mg/L	0.0194	1.053 mg/L	0.0194	1.85%
Mg 280.271†	32957.5	1.044 mg/L	0.0209	1.044 mg/L	0.0209	2.00%
Mg 285.213†	951.1	1.024 mg/L	0.0230	1.024 mg/L	0.0230	2.24%
Mn 257.610†	78.4	0.01384 mg/L	0.000196	0.01384 mg/L	0.000196	1.41%
Mn 259.372†	106.1	0.01343 mg/L	0.000403	0.01343 mg/L	0.000403	3.00%
Mn 260.568†	55.8	0.01430 mg/L	0.000720	0.01430 mg/L	0.000720	5.03%
Mo 202.031†	2.3	0.07672 mg/L	0.010314	0.07672 mg/L	0.010314	13.44%
Mo 203.845†	-0.4	-0.02204 mg/L	0.055824	-0.02204 mg/L	0.055824	253.30%
Mo 204.597†	-0.2	-0.00003 mg/L	0.000045	-0.00003 mg/L	0.000045	133.96%
Na 588.995†	179906.3	49.98 mg/L	0.451	49.98 mg/L	0.451	0.90%
Na 589.592†	200015.3	53.09 mg/L	0.468	53.09 mg/L	0.468	0.88%
Ni 221.648†	-1.7	-0.05052 mg/L	0.013764	-0.05052 mg/L	0.013764	27.25%
Ni 231.604†	56.9	0.00503 mg/L	0.000337	0.00503 mg/L	0.000337	6.71%
Ni 232.003†	1.1	0.01676 mg/L	0.002438	0.01676 mg/L	0.002438	14.55%
Pb 217.000†	0.5	0.04934 mg/L	0.062367	0.04934 mg/L	0.062367	126.41%
Pb 220.353†	19.3	0.00819 mg/L	0.000970	0.00819 mg/L	0.000970	11.84%
Sb 206.836†	2.3	0.00140 mg/L	0.000383	0.00140 mg/L	0.000383	27.29%
Sb 217.582†	0.4	0.06230 mg/L	0.040880	0.06230 mg/L	0.040880	65.62%
Se 196.026†	12.3	0.01401 mg/L	0.004471	0.01401 mg/L	0.004471	31.91%
Se 203.985†	1.0	0.00237 mg/L	0.004388	0.00237 mg/L	0.004388	185.46%
Sn 189.927†	1.9	0.00174 mg/L	0.000828	0.00174 mg/L	0.000828	47.68%
Sn 235.485†	-1.0	-0.03564 mg/L	0.055102	-0.03564 mg/L	0.055102	154.61%
Sr 407.771†	432.1	0.00429 mg/L	0.000050	0.00429 mg/L	0.000050	1.17%
Sr 421.552†	715.6	0.00445 mg/L	0.000134	0.00445 mg/L	0.000134	3.01%
Sr 460.733†	-64.6	-0.00897 mg/L	0.006372	-0.00897 mg/L	0.006372	71.05%
Ti 334.940†	85.2	0.01015 mg/L	0.000294	0.01015 mg/L	0.000294	2.89%
Ti 336.121†	69.3	0.00972 mg/L	0.000295	0.00972 mg/L	0.000295	3.03%
Ti 337.279†	22.7	0.00819 mg/L	0.000878	0.00819 mg/L	0.000878	10.72%
Tl 190.801†	-0.3	-0.00053 mg/L	0.000104	-0.00053 mg/L	0.000104	19.59%
Tl 276.787†	70.8	0.02154 mg/L	0.002036	0.02154 mg/L	0.002036	9.45%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.3	-0.00345 mg/L	0.002806	-0.00345 mg/L	0.002806	81.31%
V 309.310†	4.7	0.00281 mg/L	0.001600	0.00281 mg/L	0.001600	56.94%
V 310.230†	400.6	0.00331 mg/L	0.000752	0.00331 mg/L	0.000752	22.73%
Zn 202.548†	9.9	0.04542 mg/L	0.013086	0.04542 mg/L	0.013086	28.81%
Zn 206.200†	3.4	0.04101 mg/L	0.004485	0.04101 mg/L	0.004485	10.94%
Zn 213.857†	14.3	0.03557 mg/L	0.005374	0.03557 mg/L	0.005374	15.11%

Sequence No.: 64
Sample ID: 2001AH04S03
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 8/30/01 1:59:06 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH04S03

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120222.3						368.21	0.31%
Y 360.073	2894601.2						40517.09	1.40%
Ag 328.068†	50.8	0.00032	mg/L	0.000201	0.00032	mg/L	0.000201	63.50%
Ag 338.289†	42.8	0.00050	mg/L	0.000599	0.00050	mg/L	0.000599	119.55%
Al 308.215†	254.3	1.165	mg/L	0.0088	1.165	mg/L	0.0088	0.76%
Al 394.401†	540.9	1.150	mg/L	0.0073	1.150	mg/L	0.0073	0.63%
Al 396.153†	1864.3	1.129	mg/L	0.0097	1.129	mg/L	0.0097	0.86%
As 188.979†	-0.5	-0.1819	mg/L	0.37093	-0.1819	mg/L	0.37093	203.88%
As 193.696†	1.3	0.00187	mg/L	0.000561	0.00187	mg/L	0.000561	29.97%
As 197.197†	-0.2	-0.09160	mg/L	0.176184	-0.09160	mg/L	0.176184	192.35%

B 208.889†	9.5	0.3909 mg/L	0.02881	0.3909 mg/L	0.02881	7.37%
B 249.677†	79.4	0.3225 mg/L	0.00997	0.3225 mg/L	0.00997	3.09%
B 249.772†	168.9	0.3240 mg/L	0.00360	0.3240 mg/L	0.00360	1.11%
Ba 233.527†	141.1	0.2431 mg/L	0.00348	0.2431 mg/L	0.00348	1.43%
Ba 455.403†	14572.1	0.2430 mg/L	0.00315	0.2430 mg/L	0.00315	1.30%
Ba 493.408†	24570.7	0.2424 mg/L	0.00303	0.2424 mg/L	0.00303	1.25%
Be 234.861†	-818.3	-0.00300 mg/L	0.000008	-0.00300 mg/L	0.000008	0.28%
Be 313.042†	6.5	0.00028 mg/L	0.000027	0.00028 mg/L	0.000027	9.82%
Be 313.107†	6.5	0.00028 mg/L	0.000027	0.00028 mg/L	0.000027	9.82%
Ca 315.887†	4964.1	4.874 mg/L	0.0715	4.874 mg/L	0.0715	1.47%
Ca 317.933†	4262.4	4.446 mg/L	0.0807	4.446 mg/L	0.0807	1.82%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	48.0	0.00180 mg/L	0.000042	0.00180 mg/L	0.000042	2.32%
Cd 228.802†	0.1	0.00016 mg/L	0.001050	0.00016 mg/L	0.001050	656.51%
Ce 413.380†	-13.4	-0.01345 mg/L	0.009774	-0.01345 mg/L	0.009774	72.68%
Ce 413.764†	5.0	0.00494 mg/L	0.003460	0.00494 mg/L	0.003460	70.00%
Ce 418.660†	10.7	0.00524 mg/L	0.003224	0.00524 mg/L	0.003224	61.47%
Co 228.616†	13.6	0.00043 mg/L	0.000172	0.00043 mg/L	0.000172	40.28%
Co 230.786†	-0.4	-0.00274 mg/L	0.002511	-0.00274 mg/L	0.002511	91.62%
Co 238.892†	0.3	0.00117 mg/L	0.004593	0.00117 mg/L	0.004593	393.21%
Cr 205.560†	-0.4	-0.01586 mg/L	0.016805	-0.01586 mg/L	0.016805	105.94%
Cr 267.716†	153.0	0.00665 mg/L	0.000108	0.00665 mg/L	0.000108	1.62%
Cr 283.563†	5.6	0.00675 mg/L	0.001687	0.00675 mg/L	0.001687	25.00%
Cu 224.700†	10.1	0.1131 mg/L	0.00817	0.1131 mg/L	0.00817	7.23%
Cu 324.752†	342.9	0.08984 mg/L	0.001331	0.08984 mg/L	0.001331	1.48%
Cu 327.393†	4823.2	0.09407 mg/L	0.001350	0.09407 mg/L	0.001350	1.44%
Fe 238.204†	291.8	0.4593 mg/L	0.00126	0.4593 mg/L	0.00126	0.27%
Fe 239.562†	205.2	0.4659 mg/L	0.00177	0.4659 mg/L	0.00177	0.38%
Fe 259.939†	571.2	0.4627 mg/L	0.00595	0.4627 mg/L	0.00595	1.29%
Fe 273.955†	107.7	0.5146 mg/L	0.00534	0.5146 mg/L	0.00534	1.04%
K 766.490†	953.3	2.156 mg/L	0.0085	2.156 mg/L	0.0085	0.40%
Li 610.362†	-107.0	-0.02272 mg/L	0.012957	-0.02272 mg/L	0.012957	57.04%
Li 670.784†	-85.8	-0.00219 mg/L	0.001502	-0.00219 mg/L	0.001502	68.46%
Mg 279.077†	214.8	1.099 mg/L	0.0055	1.099 mg/L	0.0055	0.50%
Mg 280.271†	32757.7	1.038 mg/L	0.0123	1.038 mg/L	0.0123	1.19%
Mg 285.213†	965.1	1.039 mg/L	0.0091	1.039 mg/L	0.0091	0.88%
Mn 257.610†	98.0	0.01730 mg/L	0.000371	0.01730 mg/L	0.000371	2.15%
Mn 259.372†	132.9	0.01710 mg/L	0.000745	0.01710 mg/L	0.000745	4.35%
Mn 260.568†	68.7	0.01761 mg/L	0.000557	0.01761 mg/L	0.000557	3.16%
Mo 202.031†	1.6	0.05306 mg/L	0.025604	0.05306 mg/L	0.025604	48.26%
Mo 203.845†	1.3	0.08250 mg/L	0.058092	0.08250 mg/L	0.058092	70.42%
Mo 204.597†	25.1	0.00404 mg/L	0.000360	0.00404 mg/L	0.000360	8.92%
Na 588.995†	176284.6	48.98 mg/L	0.181	48.98 mg/L	0.181	0.37%
Na 589.592†	196346.5	52.12 mg/L	0.250	52.12 mg/L	0.250	0.48%
Ni 221.648†	-1.5	-0.04321 mg/L	0.014955	-0.04321 mg/L	0.014955	34.61%
Ni 231.604†	29.0	0.00256 mg/L	0.000441	0.00256 mg/L	0.000441	17.18%
Ni 232.003†	-0.6	-0.00950 mg/L	0.008136	-0.00950 mg/L	0.008136	85.62%
Pb 217.000†	1.2	0.1226 mg/L	0.09702	0.1226 mg/L	0.09702	79.14%
Pb 220.353†	21.2	0.00898 mg/L	0.001475	0.00898 mg/L	0.001475	16.42%
Sb 206.836†	5.0	0.00308 mg/L	0.001190	0.00308 mg/L	0.001190	38.66%
Sb 217.582†	-0.3	-0.04308 mg/L	0.034260	-0.04308 mg/L	0.034260	79.52%
Se 196.026†	11.1	0.01267 mg/L	0.003260	0.01267 mg/L	0.003260	25.73%
Se 203.985†	-0.0	-0.00010 mg/L	0.002762	-0.00010 mg/L	0.002762	>999.9%
Sn 189.927†	0.8	0.00079 mg/L	0.001857	0.00079 mg/L	0.001857	235.01%
Sn 235.485†	-0.4	-0.01447 mg/L	0.099186	-0.01447 mg/L	0.099186	685.35%
Sr 407.771†	498.7	0.00495 mg/L	0.000097	0.00495 mg/L	0.000097	1.97%
Sr 421.552†	828.3	0.00515 mg/L	0.000476	0.00515 mg/L	0.000476	9.24%
Sr 460.733†	-41.6	-0.00578 mg/L	0.006229	-0.00578 mg/L	0.006229	107.77%
Ti 334.940†	97.9	0.01167 mg/L	0.000167	0.01167 mg/L	0.000167	1.43%
Ti 336.121†	74.2	0.01041 mg/L	0.000079	0.01041 mg/L	0.000079	0.76%
Ti 337.279†	25.0	0.00901 mg/L	0.000934	0.00901 mg/L	0.000934	10.36%
Tl 190.801†	1.1	0.00165 mg/L	0.001317	0.00165 mg/L	0.001317	79.95%
Tl 276.787†	72.5	0.02205 mg/L	0.002167	0.02205 mg/L	0.002167	9.83%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.6	-0.00374 mg/L	0.001115	-0.00374 mg/L	0.001115	29.83%
V 309.310†	1.7	0.00100 mg/L	0.000389	0.00100 mg/L	0.000389	38.72%
V 310.230†	308.6	0.00255 mg/L	0.000307	0.00255 mg/L	0.000307	12.02%
Zn 202.548†	12.4	0.05840 mg/L	0.009378	0.05840 mg/L	0.009378	16.06%
Zn 206.200†	4.6	0.05645 mg/L	0.011553	0.05645 mg/L	0.011553	20.47%
Zn 213.857†	21.6	0.05410 mg/L	0.004346	0.05410 mg/L	0.004346	8.03%

Sequence No.: 65
Sample ID: 2001AH04S03 Dup
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 8/30/01 2:03:35 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH04S03 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120774.8						1974.74	1.64%
Y 360.073	2913979.3						23622.36	0.81%
Ag 328.068†	56.9	0.00035	mg/L	0.000119	0.00035	mg/L	0.000119	33.52%
Ag 338.289†	-22.4	-0.00026	mg/L	0.000542	-0.00026	mg/L	0.000542	206.30%
Al 308.215†	259.6	1.189	mg/L	0.0217	1.189	mg/L	0.0217	1.83%
Al 394.401†	557.2	1.184	mg/L	0.0154	1.184	mg/L	0.0154	1.30%
Al 396.153†	1927.5	1.168	mg/L	0.0241	1.168	mg/L	0.0241	2.06%
As 188.979†	-0.1	-0.05030	mg/L	0.311634	-0.05030	mg/L	0.311634	619.51%
As 193.696†	1.9	0.00271	mg/L	0.001404	0.00271	mg/L	0.001404	51.81%
As 197.197†	-0.7	-0.3500	mg/L	0.19638	-0.3500	mg/L	0.19638	56.10%
B 208.889†	9.4	0.3859	mg/L	0.02527	0.3859	mg/L	0.02527	6.55%
B 249.677†	81.8	0.3324	mg/L	0.00670	0.3324	mg/L	0.00670	2.02%
B 249.772†	172.7	0.3313	mg/L	0.01276	0.3313	mg/L	0.01276	3.85%
Ba 233.527†	144.4	0.2489	mg/L	0.00492	0.2489	mg/L	0.00492	1.98%
Ba 455.403†	15249.1	0.2543	mg/L	0.00882	0.2543	mg/L	0.00882	3.47%
Ba 493.408†	25654.8	0.2531	mg/L	0.00900	0.2531	mg/L	0.00900	3.56%
Be 234.861†	-884.0	-0.00324	mg/L	0.000092	-0.00324	mg/L	0.000092	2.84%
Be 313.042†	7.0	0.00030	mg/L	0.000092	0.00030	mg/L	0.000092	30.63%
Be 313.107†	7.0	0.00030	mg/L	0.000092	0.00030	mg/L	0.000092	30.63%
Ca 315.887†	5220.1	5.126	mg/L	0.1312	5.126	mg/L	0.1312	2.56%
Ca 317.933†	4478.2	4.671	mg/L	0.1525	4.671	mg/L	0.1525	3.27%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	55.1	0.00207	mg/L	0.000081	0.00207	mg/L	0.000081	3.93%
Cd 228.802†	1.1	0.00178	mg/L	0.001913	0.00178	mg/L	0.001913	107.55%
Ce 413.380†	-6.9	-0.00691	mg/L	0.019424	-0.00691	mg/L	0.019424	280.97%
Ce 413.764†	-1.9	-0.00185	mg/L	0.004436	-0.00185	mg/L	0.004436	239.68%
Ce 418.660†	15.7	0.00768	mg/L	0.006526	0.00768	mg/L	0.006526	84.92%
Co 228.616†	8.9	0.00028	mg/L	0.000417	0.00028	mg/L	0.000417	148.38%
Co 230.786†	0.2	0.00112	mg/L	0.004064	0.00112	mg/L	0.004064	361.67%
Co 238.892†	-0.1	-0.00057	mg/L	0.005936	-0.00057	mg/L	0.005936	>999.9%
Cr 205.560†	-0.1	-0.00314	mg/L	0.014384	-0.00314	mg/L	0.014384	458.79%
Cr 267.716†	162.4	0.00706	mg/L	0.000140	0.00706	mg/L	0.000140	1.99%
Cr 283.563†	7.9	0.00951	mg/L	0.000530	0.00951	mg/L	0.000530	5.57%
Cu 224.700†	9.4	0.1044	mg/L	0.01169	0.1044	mg/L	0.01169	11.19%
Cu 324.752†	355.8	0.09323	mg/L	0.001280	0.09323	mg/L	0.001280	1.37%
Cu 327.393†	5088.0	0.09924	mg/L	0.001068	0.09924	mg/L	0.001068	1.08%
Fe 238.204†	305.0	0.4799	mg/L	0.00716	0.4799	mg/L	0.00716	1.49%
Fe 239.562†	212.7	0.4830	mg/L	0.00510	0.4830	mg/L	0.00510	1.06%
Fe 259.939†	598.2	0.4846	mg/L	0.00728	0.4846	mg/L	0.00728	1.50%
Fe 273.955†	110.1	0.5260	mg/L	0.00588	0.5260	mg/L	0.00588	1.12%
K 766.490†	1033.1	2.337	mg/L	0.1252	2.337	mg/L	0.1252	5.36%
Li 610.362†	-110.1	-0.02338	mg/L	0.013005	-0.02338	mg/L	0.013005	55.62%
Li 670.784†	-144.4	-0.00369	mg/L	0.001655	-0.00369	mg/L	0.001655	44.82%
Mg 279.077†	214.7	1.099	mg/L	0.0063	1.099	mg/L	0.0063	0.57%
Mg 280.271†	34333.8	1.088	mg/L	0.0350	1.088	mg/L	0.0350	3.22%
Mg 285.213†	990.0	1.066	mg/L	0.0159	1.066	mg/L	0.0159	1.49%
Mn 257.610†	99.5	0.01755	mg/L	0.000320	0.01755	mg/L	0.000320	1.83%
Mn 259.372†	138.2	0.01794	mg/L	0.000525	0.01794	mg/L	0.000525	2.92%
Mn 260.568†	69.2	0.01772	mg/L	0.000349	0.01772	mg/L	0.000349	1.97%
Mo 202.031†	0.7	0.02371	mg/L	0.042294	0.02371	mg/L	0.042294	178.36%
Mo 203.845†	-0.6	-0.03770	mg/L	0.041730	-0.03770	mg/L	0.041730	110.68%
Mo 204.597†	29.8	0.00480	mg/L	0.000376	0.00480	mg/L	0.000376	7.83%
Na 588.995†	183225.6	50.90	mg/L	0.245	50.90	mg/L	0.245	0.48%
Na 589.592†	203975.0	54.15	mg/L	0.202	54.15	mg/L	0.202	0.37%
Ni 221.648†	-1.5	-0.04468	mg/L	0.018777	-0.04468	mg/L	0.018777	42.03%
Ni 231.604†	61.6	0.00544	mg/L	0.000285	0.00544	mg/L	0.000285	5.24%
Ni 232.003†	0.5	0.00749	mg/L	0.005982	0.00749	mg/L	0.005982	79.84%
Pb 217.000†	0.2	0.01805	mg/L	0.052098	0.01805	mg/L	0.052098	288.62%

Pb 220.353†	23.8	0.01008 mg/L	0.000650	0.01008 mg/L	0.000650	6.45%
Sb 206.836†	8.0	0.00493 mg/L	0.001301	0.00493 mg/L	0.001301	26.39%
Sb 217.582†	-0.3	-0.04368 mg/L	0.044429	-0.04368 mg/L	0.044429	101.71%
Se 196.026†	8.4	0.00954 mg/L	0.002686	0.00954 mg/L	0.002686	28.16%
Se 203.985†	0.5	0.00124 mg/L	0.008200	0.00124 mg/L	0.008200	661.90%
Sn 189.927†	4.1	0.00380 mg/L	0.000844	0.00380 mg/L	0.000844	22.23%
Sn 235.485†	1.3	0.04727 mg/L	0.069238	0.04727 mg/L	0.069238	146.47%
Sr 407.771†	535.3	0.00532 mg/L	0.000066	0.00532 mg/L	0.000066	1.25%
Sr 421.552†	874.2	0.00544 mg/L	0.000382	0.00544 mg/L	0.000382	7.02%
Sr 460.733†	-92.6	-0.01286 mg/L	0.017156	-0.01286 mg/L	0.017156	133.45%
Ti 334.940†	105.1	0.01253 mg/L	0.000469	0.01253 mg/L	0.000469	3.74%
Ti 336.121†	88.0	0.01234 mg/L	0.000646	0.01234 mg/L	0.000646	5.23%
Ti 337.279†	29.6	0.01068 mg/L	0.000701	0.01068 mg/L	0.000701	6.57%
Tl 190.801†	-0.2	-0.00038 mg/L	0.000710	-0.00038 mg/L	0.000710	186.33%
Tl 276.787†	83.7	0.02546 mg/L	0.005487	0.02546 mg/L	0.005487	21.56%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-2.7	-0.00280 mg/L	0.000786	-0.00280 mg/L	0.000786	28.04%
V 309.310†	5.8	0.00346 mg/L	0.001067	0.00346 mg/L	0.001067	30.81%
V 310.230†	372.4	0.00308 mg/L	0.000340	0.00308 mg/L	0.000340	11.03%
Zn 202.548†	12.9	0.06084 mg/L	0.004687	0.06084 mg/L	0.004687	7.70%
Zn 206.200†	5.1	0.06208 mg/L	0.002223	0.06208 mg/L	0.002223	3.58%
Zn 213.857†	21.7	0.05431 mg/L	0.002909	0.05431 mg/L	0.002909	5.36%

Sequence No.: 66
Sample ID: wash
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 8/30/01 2:08:35 PM
Sample Prep Volume:
Data Type: Original

Mean Data: wash

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	125064.2				528.18	0.42%
Y 360.073	2970875.0				9695.05	0.33%
Ag 328.068†	21.6	0.00013 mg/L	0.000298	0.00013 mg/L	0.000298	221.35%
Ag 338.289†	37.0	0.00043 mg/L	0.000828	0.00043 mg/L	0.000828	191.13%
Al 308.215†	12.6	0.05789 mg/L	0.004845	0.05789 mg/L	0.004845	8.37%
Al 394.401†	18.4	0.03918 mg/L	0.009191	0.03918 mg/L	0.009191	23.46%
Al 396.153†	52.0	0.03010 mg/L	0.004020	0.03010 mg/L	0.004020	13.35%
As 188.979†	0.1	0.05090 mg/L	0.370039	0.05090 mg/L	0.370039	727.01%
As 193.696†	3.5	0.00493 mg/L	0.001192	0.00493 mg/L	0.001192	24.19%
As 197.197†	-0.2	-0.1227 mg/L	0.42056	-0.1227 mg/L	0.42056	342.64%
B 208.889†	0.2	0.00813 mg/L	0.044510	0.00813 mg/L	0.044510	547.77%
B 249.677†	2.3	0.00917 mg/L	0.007165	0.00917 mg/L	0.007165	78.11%
B 249.772†	1.7	0.00326 mg/L	0.003239	0.00326 mg/L	0.003239	99.42%
Ba 233.527†	0.2	0.00027 mg/L	0.000438	0.00027 mg/L	0.000438	163.03%
Ba 455.403†	-12.7	-0.00021 mg/L	0.000077	-0.00021 mg/L	0.000077	36.61%
Ba 493.408†	-0.6	-0.00001 mg/L	0.000239	-0.00001 mg/L	0.000239	>999.9%
Be 234.861†	-13.5	-0.00005 mg/L	0.000050	-0.00005 mg/L	0.000050	102.12%
Be 313.042†	6.4	0.00027 mg/L	0.000050	0.00027 mg/L	0.000050	18.23%
Be 313.107†	6.4	0.00027 mg/L	0.000050	0.00027 mg/L	0.000050	18.23%
Ca 315.887†	41.0	0.04022 mg/L	0.007337	0.04022 mg/L	0.007337	18.24%
Ca 317.933†	39.2	0.04093 mg/L	0.002178	0.04093 mg/L	0.002178	5.32%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	0.4	0.00001 mg/L	0.000098	0.00001 mg/L	0.000098	679.49%
Cd 228.802†	-0.4	-0.00075 mg/L	0.001767	-0.00075 mg/L	0.001767	237.00%
Ce 413.380†	-3.9	-0.00395 mg/L	0.005727	-0.00395 mg/L	0.005727	145.06%
Ce 413.764†	-10.2	-0.01013 mg/L	0.006239	-0.01013 mg/L	0.006239	61.60%
Ce 418.660†	4.6	0.00227 mg/L	0.001946	0.00227 mg/L	0.001946	85.72%
Co 228.616†	54.2	0.00170 mg/L	0.000424	0.00170 mg/L	0.000424	24.90%
Co 230.786†	0.2	0.00151 mg/L	0.001756	0.00151 mg/L	0.001756	116.41%
Co 238.892†	0.6	0.00289 mg/L	0.004418	0.00289 mg/L	0.004418	153.00%
Cr 205.560†	-0.3	-0.01498 mg/L	0.011903	-0.01498 mg/L	0.011903	79.44%
Cr 267.716†	-0.2	-0.00001 mg/L	0.000141	-0.00001 mg/L	0.000141	>999.9%
Cr 283.563†	1.5	0.00180 mg/L	0.000929	0.00180 mg/L	0.000929	51.55%
Cu 224.700†	2.2	0.02457 mg/L	0.009498	0.02457 mg/L	0.009498	38.66%
Cu 324.752†	-10.4	-0.00272 mg/L	0.000527	-0.00272 mg/L	0.000527	19.38%
Cu 327.393†	-151.8	-0.00296 mg/L	0.000262	-0.00296 mg/L	0.000262	8.86%

Fe 238.204†	7.0	0.01103 mg/L	0.001094	0.01103 mg/L	0.001094	9.92%
Fe 239.562†	5.5	0.01247 mg/L	0.001185	0.01247 mg/L	0.001185	9.50%
Fe 259.939†	12.0	0.00976 mg/L	0.001646	0.00976 mg/L	0.001646	16.88%
Fe 273.955†	2.3	0.01115 mg/L	0.004028	0.01115 mg/L	0.004028	36.13%
K 766.490†	-99.1	-0.2241 mg/L	0.04383	-0.2241 mg/L	0.04383	19.55%
Li 610.362†	-6.9	-0.00146 mg/L	0.010777	-0.00146 mg/L	0.010777	737.01%
Li 670.784†	-200.1	-0.00512 mg/L	0.001590	-0.00512 mg/L	0.001590	31.08%
Mg 279.077†	4.8	0.02465 mg/L	0.005823	0.02465 mg/L	0.005823	23.62%
Mg 280.271†	1114.5	0.03532 mg/L	0.000258	0.03532 mg/L	0.000258	0.73%
Mg 285.213†	33.2	0.03577 mg/L	0.000681	0.03577 mg/L	0.000681	1.90%
Mn 257.610†	-3.7	-0.00065 mg/L	0.000169	-0.00065 mg/L	0.000169	26.15%
Mn 259.372†	-1.5	-0.00039 mg/L	0.000520	-0.00039 mg/L	0.000520	131.62%
Mn 260.568†	-1.1	-0.00028 mg/L	0.000150	-0.00028 mg/L	0.000150	52.69%
Mo 202.031†	1.1	0.03672 mg/L	0.022102	0.03672 mg/L	0.022102	60.18%
Mo 203.845†	-1.2	-0.07455 mg/L	0.047064	-0.07455 mg/L	0.047064	63.13%
Mo 204.597†	3.0	0.00049 mg/L	0.000557	0.00049 mg/L	0.000557	114.05%
Na 588.995†	667.5	0.1854 mg/L	0.00988	0.1854 mg/L	0.00988	5.33%
Na 589.592†	540.3	0.1434 mg/L	0.00377	0.1434 mg/L	0.00377	2.63%
Ni 221.648†	0.1	0.00184 mg/L	0.025155	0.00184 mg/L	0.025155	>999.9%
Ni 231.604†	12.4	0.00109 mg/L	0.000340	0.00109 mg/L	0.000340	31.12%
Ni 232.003†	-0.4	-0.00577 mg/L	0.017223	-0.00577 mg/L	0.017223	298.32%
Pb 217.000†	0.4	0.03622 mg/L	0.112818	0.03622 mg/L	0.112818	311.52%
Pb 220.353†	-4.8	-0.00204 mg/L	0.001640	-0.00204 mg/L	0.001640	80.57%
Sb 206.836†	1.7	0.00105 mg/L	0.001855	0.00105 mg/L	0.001855	177.03%
Sb 217.582†	-0.1	-0.01496 mg/L	0.017213	-0.01496 mg/L	0.017213	115.03%
Se 196.026†	-1.2	-0.00135 mg/L	0.000867	-0.00135 mg/L	0.000867	64.29%
Se 203.985†	5.0	0.01153 mg/L	0.002556	0.01153 mg/L	0.002556	22.17%
Sn 189.927†	0.5	0.00042 mg/L	0.000665	0.00042 mg/L	0.000665	158.50%
Sn 235.485†	-3.6	-0.1311 mg/L	0.04396	-0.1311 mg/L	0.04396	33.52%
Sr 407.771†	-2.3	-0.00002 mg/L	0.000045	-0.00002 mg/L	0.000045	196.09%
Sr 421.552†	-48.6	-0.00030 mg/L	0.000025	-0.00030 mg/L	0.000025	8.41%
Sr 460.733†	-84.6	-0.01175 mg/L	0.003003	-0.01175 mg/L	0.003003	25.56%
Ti 334.940†	0.6	0.00007 mg/L	0.000294	0.00007 mg/L	0.000294	408.10%
Ti 336.121†	-6.5	-0.00091 mg/L	0.000335	-0.00091 mg/L	0.000335	36.65%
Ti 337.279†	-6.4	-0.00231 mg/L	0.000498	-0.00231 mg/L	0.000498	21.58%
Tl 190.801†	0.6	0.00094 mg/L	0.001943	0.00094 mg/L	0.001943	206.74%
Tl 276.787†	-5.1	-0.00156 mg/L	0.000803	-0.00156 mg/L	0.000803	51.42%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-3.1	-0.00316 mg/L	0.001863	-0.00316 mg/L	0.001863	58.90%
V 309.310†	3.5	0.00207 mg/L	0.000495	0.00207 mg/L	0.000495	23.93%
V 310.230†	205.0	0.00169 mg/L	0.001132	0.00169 mg/L	0.001132	66.80%
Zn 202.548†	0.9	0.00416 mg/L	0.000772	0.00416 mg/L	0.000772	18.54%
Zn 206.200†	0.4	0.00495 mg/L	0.003001	0.00495 mg/L	0.003001	60.61%
Zn 213.857†	-2.1	-0.00520 mg/L	0.001521	-0.00520 mg/L	0.001521	29.25%

Sequence No.: 67 **Autosampler Location: 1**
Sample ID: BLANK **Date Collected: 8/30/01 2:13:06 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	123848.7						2912.80	2.35%
Y 360.073	2929323.5						20634.30	0.70%
Ag 328.068†	32.0	0.00020	mg/L	0.000150	0.00020	mg/L	0.000150	75.28%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	61.7	0.00072	mg/L	0.000273	0.00072	mg/L	0.000273	37.81%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	5.2	0.02385	mg/L	0.011647	0.02385	mg/L	0.011647	48.83%
QC value within limits for Al 308.215 Recovery = Not calculated								
Al 394.401†	3.4	0.00712	mg/L	0.003240	0.00712	mg/L	0.003240	45.48%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	-1.4	-0.00199	mg/L	0.002859	-0.00199	mg/L	0.002859	143.52%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-0.4	-0.1591	mg/L	0.28414	-0.1591	mg/L	0.28414	178.58%
QC value within limits for As 188.979 Recovery = Not calculated								

As 193.696†	0.1	0.00019 mg/L	0.002660	0.00019 mg/L	0.002660	>999.9%
QC value within limits for As 193.696 Recovery = Not calculated						
As 197.197†	-0.3	-0.1683 mg/L	0.12505	-0.1683 mg/L	0.12505	74.31%
QC value within limits for As 197.197 Recovery = Not calculated						
B 208.889†	1.2	0.05033 mg/L	0.040972	0.05033 mg/L	0.040972	81.41%
QC value within limits for B 208.889 Recovery = Not calculated						
B 249.677†	1.2	0.00502 mg/L	0.012471	0.00502 mg/L	0.012471	248.48%
QC value within limits for B 249.677 Recovery = Not calculated						
B 249.772†	3.1	0.00586 mg/L	0.001992	0.00586 mg/L	0.001992	34.00%
QC value within limits for B 249.772 Recovery = Not calculated						
Ba 233.527†	-0.0	-0.00008 mg/L	0.001009	-0.00008 mg/L	0.001009	>999.9%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Ba 455.403†	-12.3	-0.00020 mg/L	0.000075	-0.00020 mg/L	0.000075	36.62%
QC value within limits for Ba 455.403 Recovery = Not calculated						
Ba 493.408†	1.2	0.00001 mg/L	0.000158	0.00001 mg/L	0.000158	>999.9%
QC value within limits for Ba 493.408 Recovery = Not calculated						
Be 234.861†	-13.9	-0.00005 mg/L	0.000009	-0.00005 mg/L	0.000009	17.06%
QC value within limits for Be 234.861 Recovery = Not calculated						
Be 313.042†	6.8	0.00029 mg/L	0.000145	0.00029 mg/L	0.000145	49.77%
QC value within limits for Be 313.042 Recovery = Not calculated						
Be 313.107†	6.8	0.00029 mg/L	0.000145	0.00029 mg/L	0.000145	49.77%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.887†	-3.2	-0.00312 mg/L	0.008585	-0.00312 mg/L	0.008585	275.31%
QC value within limits for Ca 315.887 Recovery = Not calculated						
Ca 317.933†	1.0	0.00101 mg/L	0.006883	0.00101 mg/L	0.006883	683.10%
QC value within limits for Ca 317.933 Recovery = Not calculated						
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value within limits for Cd 214.440 Recovery = Not calculated						
Cd 226.502†	-0.6	-0.00002 mg/L	0.000015	-0.00002 mg/L	0.000015	68.36%
QC value within limits for Cd 226.502 Recovery = Not calculated						
Cd 228.802†	-0.1	-0.00008 mg/L	0.000785	-0.00008 mg/L	0.000785	924.26%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Ce 413.380†	-8.7	-0.00867 mg/L	0.017787	-0.00867 mg/L	0.017787	205.20%
QC value within limits for Ce 413.380 Recovery = Not calculated						
Ce 413.764†	-9.6	-0.00955 mg/L	0.010549	-0.00955 mg/L	0.010549	110.42%
QC value within limits for Ce 413.764 Recovery = Not calculated						
Ce 418.660†	-1.5	-0.00076 mg/L	0.001218	-0.00076 mg/L	0.001218	160.84%
QC value within limits for Ce 418.660 Recovery = Not calculated						
Co 228.616†	-15.2	-0.00048 mg/L	0.000210	-0.00048 mg/L	0.000210	43.79%
QC value within limits for Co 228.616 Recovery = Not calculated						
Co 230.786†	-0.6	-0.00396 mg/L	0.004442	-0.00396 mg/L	0.004442	112.20%
QC value within limits for Co 230.786 Recovery = Not calculated						
Co 238.892†	0.0	0.00004 mg/L	0.004222	0.00004 mg/L	0.004222	>999.9%
QC value within limits for Co 238.892 Recovery = Not calculated						
Cr 205.560†	-0.5	-0.02038 mg/L	0.020551	-0.02038 mg/L	0.020551	100.85%
QC value within limits for Cr 205.560 Recovery = Not calculated						
Cr 267.716†	-2.8	-0.00012 mg/L	0.000091	-0.00012 mg/L	0.000091	74.80%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cr 283.563†	-2.1	-0.00248 mg/L	0.003599	-0.00248 mg/L	0.003599	145.35%
QC value within limits for Cr 283.563 Recovery = Not calculated						
Cu 224.700†	1.6	0.01785 mg/L	0.010388	0.01785 mg/L	0.010388	58.18%
QC value within limits for Cu 224.700 Recovery = Not calculated						
Cu 324.752†	-10.8	-0.00283 mg/L	0.000385	-0.00283 mg/L	0.000385	13.59%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Cu 327.393†	-125.0	-0.00244 mg/L	0.000173	-0.00244 mg/L	0.000173	7.08%
QC value within limits for Cu 327.393 Recovery = Not calculated						
Fe 238.204†	-0.1	-0.00015 mg/L	0.001268	-0.00015 mg/L	0.001268	843.24%
QC value within limits for Fe 238.204 Recovery = Not calculated						
Fe 239.562†	0.2	0.00035 mg/L	0.002292	0.00035 mg/L	0.002292	660.08%
QC value within limits for Fe 239.562 Recovery = Not calculated						
Fe 259.939†	0.2	0.00017 mg/L	0.000649	0.00017 mg/L	0.000649	385.82%
QC value within limits for Fe 259.939 Recovery = Not calculated						
Fe 273.955†	-0.4	-0.00195 mg/L	0.003429	-0.00195 mg/L	0.003429	175.88%
QC value within limits for Fe 273.955 Recovery = Not calculated						
K 766.490†	-93.0	-0.2104 mg/L	0.02083	-0.2104 mg/L	0.02083	9.90%
QC value within limits for K 766.490 Recovery = Not calculated						
Li 610.362†	-10.8	-0.00228 mg/L	0.008836	-0.00228 mg/L	0.008836	386.77%
QC value within limits for Li 610.362 Recovery = Not calculated						
Li 670.784†	-174.6	-0.00446 mg/L	0.001723	-0.00446 mg/L	0.001723	38.62%
QC value within limits for Li 670.784 Recovery = Not calculated						

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Mg 279.077†                -1.2    -0.00632 mg/L      0.016522    -0.00632 mg/L      0.016522 261.50%
   QC value within limits for Mg 279.077  Recovery = Not calculated
Mg 280.271†               -73.6    -0.00233 mg/L      0.000247    -0.00233 mg/L      0.000247  10.59%
   QC value within limits for Mg 280.271  Recovery = Not calculated
Mg 285.213†                -0.9    -0.00099 mg/L      0.000524    -0.00099 mg/L      0.000524  53.01%
   QC value within limits for Mg 285.213  Recovery = Not calculated
Mn 257.610†                -2.2    -0.00039 mg/L      0.000094    -0.00039 mg/L      0.000094  23.99%
   QC value within limits for Mn 257.610  Recovery = Not calculated
Mn 259.372†                 2.0     0.00014 mg/L      0.000752     0.00014 mg/L      0.000752 551.87%
   QC value within limits for Mn 259.372  Recovery = Not calculated
Mn 260.568†                 1.0     0.00024 mg/L      0.000260     0.00024 mg/L      0.000260 106.81%
   QC value within limits for Mn 260.568  Recovery = Not calculated
Mo 202.031†                 0.9     0.02862 mg/L      0.034784     0.02862 mg/L      0.034784 121.55%
   QC value within limits for Mo 202.031  Recovery = Not calculated
Mo 203.845†                 0.6     0.03916 mg/L      0.056010     0.03916 mg/L      0.056010 143.04%
   QC value within limits for Mo 203.845  Recovery = Not calculated
Mo 204.597†                 1.3     0.00021 mg/L      0.000431     0.00021 mg/L      0.000431 202.16%
   QC value within limits for Mo 204.597  Recovery = Not calculated
Na 588.995†               783.4      0.2176 mg/L       0.01615      0.2176 mg/L       0.01615   7.42%
   QC value within limits for Na 588.995  Recovery = Not calculated
Na 589.592†               679.4      0.1804 mg/L       0.02296      0.1804 mg/L       0.02296  12.73%
   QC value within limits for Na 589.592  Recovery = Not calculated
Ni 221.648†                 0.4     0.01114 mg/L      0.010106     0.01114 mg/L      0.010106  90.70%
   QC value within limits for Ni 221.648  Recovery = Not calculated
Ni 231.604†                 3.9     0.00034 mg/L      0.000262     0.00034 mg/L      0.000262  76.01%
   QC value within limits for Ni 231.604  Recovery = Not calculated
Ni 232.003†                 0.1     0.00103 mg/L      0.000947     0.00103 mg/L      0.000947  92.33%
   QC value within limits for Ni 232.003  Recovery = Not calculated
Pb 217.000†                 0.2     0.02028 mg/L      0.014094     0.02028 mg/L      0.014094  69.50%
   QC value within limits for Pb 217.000  Recovery = Not calculated
Pb 220.353†                 0.1     0.00003 mg/L      0.001474     0.00003 mg/L      0.001474 >999.9%
   QC value within limits for Pb 220.353  Recovery = Not calculated
Sb 206.836†                 2.5     0.00153 mg/L      0.000349     0.00153 mg/L      0.000349  22.85%
   QC value within limits for Sb 206.836  Recovery = Not calculated
Sb 217.582†                -0.3    -0.03804 mg/L      0.087918    -0.03804 mg/L      0.087918 231.09%
   QC value within limits for Sb 217.582  Recovery = Not calculated
Se 196.026†                 1.7     0.00197 mg/L      0.002199     0.00197 mg/L      0.002199 111.38%
   QC value within limits for Se 196.026  Recovery = Not calculated
Se 203.985†                 3.2     0.00750 mg/L      0.004787     0.00750 mg/L      0.004787  63.80%
   QC value within limits for Se 203.985  Recovery = Not calculated
Sn 189.927†                 1.2     0.00109 mg/L      0.001981     0.00109 mg/L      0.001981 181.41%
   QC value within limits for Sn 189.927  Recovery = Not calculated
Sn 235.485†                -2.8     -0.1010 mg/L       0.05814     -0.1010 mg/L       0.05814  57.59%
   QC value within limits for Sn 235.485  Recovery = Not calculated
Sr 407.771†                -2.5    -0.00003 mg/L      0.000051    -0.00003 mg/L      0.000051 202.27%
   QC value within limits for Sr 407.771  Recovery = Not calculated
Sr 421.552†               -22.7    -0.00014 mg/L      0.000094    -0.00014 mg/L      0.000094  66.45%
   QC value within limits for Sr 421.552  Recovery = Not calculated
Sr 460.733†               -80.4    -0.01116 mg/L      0.001658    -0.01116 mg/L      0.001658  14.86%
   QC value within limits for Sr 460.733  Recovery = Not calculated
Ti 334.940†                 2.0     0.00024 mg/L      0.000132     0.00024 mg/L      0.000132  56.02%
   QC value within limits for Ti 334.940  Recovery = Not calculated
Ti 336.121†                -5.0    -0.00069 mg/L      0.000634    -0.00069 mg/L      0.000634  91.27%
   QC value within limits for Ti 336.121  Recovery = Not calculated
Ti 337.279†                -6.3    -0.00227 mg/L      0.000365    -0.00227 mg/L      0.000365  16.13%
   QC value within limits for Ti 337.279  Recovery = Not calculated
Tl 190.801†                 2.1     0.00314 mg/L      0.002583     0.00314 mg/L      0.002583  82.15%
   QC value within limits for Tl 190.801  Recovery = Not calculated
Tl 276.787†                12.0     0.00366 mg/L      0.002875     0.00366 mg/L      0.002875  78.62%
   QC value within limits for Tl 276.787  Recovery = Not calculated
Tl 351.924†                 0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Tl 351.924  Recovery = Not calculated
V 290.880†                 -4.7    -0.00489 mg/L      0.001698    -0.00489 mg/L      0.001698  34.76%
   QC value within limits for V 290.880  Recovery = Not calculated
V 309.310†                  3.8     0.00229 mg/L      0.000948     0.00229 mg/L      0.000948  41.37%
   QC value within limits for V 309.310  Recovery = Not calculated
V 310.230†                180.3     0.00149 mg/L      0.001081     0.00149 mg/L      0.001081  72.56%
   QC value within limits for V 310.230  Recovery = Not calculated
Zn 202.548†                 0.7     0.00325 mg/L      0.006259     0.00325 mg/L      0.006259 192.64%
   QC value within limits for Zn 202.548  Recovery = Not calculated
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Zn 206.200†	0.5	0.00632 mg/L	0.004090	0.00632 mg/L	0.004090	64.69%
QC value within limits for Zn 206.200 Recovery = Not calculated						
Zn 213.857†	-3.1	-0.00789 mg/L	0.003022	-0.00789 mg/L	0.003022	38.29%
QC value within limits for Zn 213.857 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 68
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 2:17:32 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	123552.0						2141.18	1.73%
Y 360.073	2914003.9						16738.36	0.57%
Ag 328.068†	27852.6	0.1735	mg/L	0.00025	0.1735	mg/L	0.00025	0.14%
Ag 338.289†	14872.7	0.1743	mg/L	0.00042	0.1743	mg/L	0.00042	0.24%
Al 308.215†	220.5	1.010	mg/L	0.0164	1.010	mg/L	0.0164	1.62%
QC value within limits for Al 308.215 Recovery = 101.01%								
Al 394.401†	457.4	0.9723	mg/L	0.01962	0.9723	mg/L	0.01962	2.02%
QC value within limits for Al 394.401 Recovery = 97.23%								
Al 396.153†	1643.5	0.9938	mg/L	0.02704	0.9938	mg/L	0.02704	2.72%
QC value within limits for Al 396.153 Recovery = 99.38%								
As 188.979†	6.1	2.357	mg/L	0.4284	2.357	mg/L	0.4284	18.17%
QC value greater than the upper limit for As 188.979 Recovery = 117.87%								
As 193.696†	1462.6	2.033	mg/L	0.0125	2.033	mg/L	0.0125	0.61%
QC value within limits for As 193.696 Recovery = 101.63%								
As 197.197†	3.4	1.828	mg/L	0.1395	1.828	mg/L	0.1395	7.63%
QC value within limits for As 197.197 Recovery = 91.39%								
B 208.889†	22.5	0.9256	mg/L	0.06726	0.9256	mg/L	0.06726	7.27%
QC value within limits for B 208.889 Recovery = 92.56%								
B 249.677†	227.5	0.9243	mg/L	0.03020	0.9243	mg/L	0.03020	3.27%
QC value within limits for B 249.677 Recovery = 92.43%								
B 249.772†	472.8	0.9071	mg/L	0.02364	0.9071	mg/L	0.02364	2.61%
QC value within limits for B 249.772 Recovery = 90.71%								
Ba 233.527†	558.8	0.9630	mg/L	0.02567	0.9630	mg/L	0.02567	2.67%
QC value within limits for Ba 233.527 Recovery = 96.30%								
Ba 455.403†	58629.1	0.9776	mg/L	0.00130	0.9776	mg/L	0.00130	0.13%
QC value within limits for Ba 455.403 Recovery = 97.76%								
Ba 493.408†	99337.7	0.9800	mg/L	0.00139	0.9800	mg/L	0.00139	0.14%
QC value within limits for Ba 493.408 Recovery = 98.00%								
Be 234.861†	289834.3	1.062	mg/L	0.0036	1.062	mg/L	0.0036	0.34%
QC value within limits for Be 234.861 Recovery = 106.23%								
Be 313.042†	22684.4	0.9698	mg/L	0.00518	0.9698	mg/L	0.00518	0.53%
QC value within limits for Be 313.042 Recovery = 96.98%								
Be 313.107†	22684.4	0.9698	mg/L	0.00518	0.9698	mg/L	0.00518	0.53%
QC value within limits for Be 313.107 Recovery = 96.98%								
Ca 315.887†	1114.3	1.094	mg/L	0.0194	1.094	mg/L	0.0194	1.77%
QC value within limits for Ca 315.887 Recovery = 109.41%								
Ca 317.933†	942.9	0.9834	mg/L	0.02676	0.9834	mg/L	0.02676	2.72%
QC value within limits for Ca 317.933 Recovery = 98.34%								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%								
Cd 226.502†	26730.6	1.001	mg/L	0.0031	1.001	mg/L	0.0031	0.31%
QC value within limits for Cd 226.502 Recovery = 100.12%								
Cd 228.802†	568.6	0.9610	mg/L	0.02142	0.9610	mg/L	0.02142	2.23%
QC value within limits for Cd 228.802 Recovery = 96.10%								
Ce 413.380†	959.6	0.9611	mg/L	0.01751	0.9611	mg/L	0.01751	1.82%
QC value within limits for Ce 413.380 Recovery = 96.11%								
Ce 413.764†	965.8	0.9613	mg/L	0.02962	0.9613	mg/L	0.02962	3.08%
QC value within limits for Ce 413.764 Recovery = 96.13%								
Ce 418.660†	2018.0	0.9867	mg/L	0.01742	0.9867	mg/L	0.01742	1.77%
QC value within limits for Ce 418.660 Recovery = 98.67%								
Co 228.616†	31552.7	0.9919	mg/L	0.00909	0.9919	mg/L	0.00909	0.92%
QC value within limits for Co 228.616 Recovery = 99.19%								
Co 230.786†	137.4	0.9424	mg/L	0.02324	0.9424	mg/L	0.02324	2.47%

QC value within limits for Co 230.786 Recovery = 94.24%

Co 238.892†	204.7	0.9412 mg/L	0.01864	0.9412 mg/L	0.01864	1.98%

QC value within limits for Co 238.892 Recovery = 94.12%

Cr 205.560†	21.9	0.9875 mg/L	0.04020	0.9875 mg/L	0.04020	4.07%

QC value within limits for Cr 205.560 Recovery = 98.75%

Cr 267.716†	22642.9	0.9838 mg/L	0.00242	0.9838 mg/L	0.00242	0.25%

QC value within limits for Cr 267.716 Recovery = 98.38%

Cr 283.563†	801.3	0.9613 mg/L	0.01944	0.9613 mg/L	0.01944	2.02%

QC value within limits for Cr 283.563 Recovery = 96.13%

Cu 224.700†	85.1	0.9495 mg/L	0.01816	0.9495 mg/L	0.01816	1.91%

QC value within limits for Cu 224.700 Recovery = 94.95%

Cu 324.752†	3553.5	0.9310 mg/L	0.00606	0.9310 mg/L	0.00606	0.65%

QC value within limits for Cu 324.752 Recovery = 93.10%

Cu 327.393†	49931.3	0.9739 mg/L	0.00418	0.9739 mg/L	0.00418	0.43%

QC value within limits for Cu 327.393 Recovery = 97.39%

Fe 238.204†	612.7	0.9643 mg/L	0.02028	0.9643 mg/L	0.02028	2.10%

QC value within limits for Fe 238.204 Recovery = 96.43%

Fe 239.562†	428.7	0.9736 mg/L	0.01487	0.9736 mg/L	0.01487	1.53%

QC value within limits for Fe 239.562 Recovery = 97.36%

Fe 259.939†	1205.8	0.9767 mg/L	0.01827	0.9767 mg/L	0.01827	1.87%

QC value within limits for Fe 259.939 Recovery = 97.67%

Fe 273.955†	225.8	1.078 mg/L	0.0276	1.078 mg/L	0.0276	2.56%

QC value within limits for Fe 273.955 Recovery = 107.85%

K 766.490†	2204.0	4.985 mg/L	0.0591	4.985 mg/L	0.0591	1.18%

QC value within limits for K 766.490 Recovery = 99.70%

Li 610.362†	4679.7	0.9939 mg/L	0.00822	0.9939 mg/L	0.00822	0.83%

QC value within limits for Li 610.362 Recovery = 99.39%

Li 670.784†	38600.4	0.9866 mg/L	0.00709	0.9866 mg/L	0.00709	0.72%

QC value within limits for Li 670.784 Recovery = 98.66%

Mg 279.077†	201.4	1.031 mg/L	0.0549	1.031 mg/L	0.0549	5.32%

QC value within limits for Mg 279.077 Recovery = 103.06%

Mg 280.271†	31544.8	0.9996 mg/L	0.00403	0.9996 mg/L	0.00403	0.40%

QC value within limits for Mg 280.271 Recovery = 99.96%

Mg 285.213†	922.4	0.9933 mg/L	0.02403	0.9933 mg/L	0.02403	2.42%

QC value within limits for Mg 285.213 Recovery = 99.33%

Mn 257.610†	5466.2	0.9645 mg/L	0.00520	0.9645 mg/L	0.00520	0.54%

QC value within limits for Mn 257.610 Recovery = 96.45%

Mn 259.372†	7198.9	0.9634 mg/L	0.00290	0.9634 mg/L	0.00290	0.30%

QC value within limits for Mn 259.372 Recovery = 96.34%

Mn 260.568†	3787.9	0.9706 mg/L	0.00896	0.9706 mg/L	0.00896	0.92%

QC value within limits for Mn 260.568 Recovery = 97.06%

Mo 202.031†	25.1	0.8363 mg/L	0.04248	0.8363 mg/L	0.04248	5.08%

QC value less than the lower limit for Mo 202.031 Recovery = 83.63%

Mo 203.845†	13.2	0.8161 mg/L	0.08444	0.8161 mg/L	0.08444	10.35%

QC value less than the lower limit for Mo 203.845 Recovery = 81.61%

Mo 204.597†	5491.7	0.8843 mg/L	0.01481	0.8843 mg/L	0.01481	1.67%

QC value less than the lower limit for Mo 204.597 Recovery = 88.43%

Na 588.995†	3985.7	1.107 mg/L	0.0161	1.107 mg/L	0.0161	1.46%
Na 589.592†	4319.3	1.147 mg/L	0.0067	1.147 mg/L	0.0067	0.58%
Ni 221.648†	31.3	0.9294 mg/L	0.01796	0.9294 mg/L	0.01796	1.93%

QC value within limits for Ni 221.648 Recovery = 92.94%

Ni 231.604†	11411.2	1.008 mg/L	0.0058	1.008 mg/L	0.0058	0.58%

QC value within limits for Ni 231.604 Recovery = 100.79%

Ni 232.003†	63.2	0.9541 mg/L	0.04834	0.9541 mg/L	0.04834	5.07%

QC value within limits for Ni 232.003 Recovery = 95.41%

Pb 217.000†	19.6	2.001 mg/L	0.1632	2.001 mg/L	0.1632	8.16%

QC value within limits for Pb 217.000 Recovery = 100.05%

Pb 220.353†	4767.1	2.021 mg/L	0.0147	2.021 mg/L	0.0147	0.73%

QC value within limits for Pb 220.353 Recovery = 101.05%

Sb 206.836†	3001.4	1.854 mg/L	0.0051	1.854 mg/L	0.0051	0.28%

QC value within limits for Sb 206.836 Recovery = 92.70%

Sb 217.582†	11.8	1.750 mg/L	0.0995	1.750 mg/L	0.0995	5.68%

QC value less than the lower limit for Sb 217.582 Recovery = 87.51%

Se 196.026†	948.6	1.079 mg/L	0.0097	1.079 mg/L	0.0097	0.89%

QC value within limits for Se 196.026 Recovery = 107.88%

Se 203.985†	477.6	1.107 mg/L	0.0128	1.107 mg/L	0.0128	1.15%

QC value greater than the upper limit for Se 203.985 Recovery = 110.74%

Sn 189.927†	4758.9	4.431 mg/L	0.0204	4.431 mg/L	0.0204	0.46%

QC value less than the lower limit for Sn 189.927 Recovery = 88.62%

Sn 235.485†	121.7	4.411 mg/L	0.0601	4.411 mg/L	0.0601	1.36%

QC value less than the lower limit for Sn 235.485 Recovery = 88.23%

Sr 407.771†	95624.2	0.9498 mg/L	0.00389	0.9498 mg/L	0.00389	0.41%

QC value within limits for Sr 407.771 Recovery = 94.98%

Sr 421.552†	158280.0	0.9840 mg/L	0.00298	0.9840 mg/L	0.00298	0.30%

QC value within limits for Sr 421.552 Recovery = 98.40%

Sr 460.733†	6779.6	0.9412 mg/L	0.00904	0.9412 mg/L	0.00904	0.96%

QC value within limits for Sr 460.733 Recovery = 94.12%

Ti 334.940†	7377.5	0.8793 mg/L	0.00571	0.8793 mg/L	0.00571	0.65%

QC value less than the lower limit for Ti 334.940 Recovery = 87.93%

Ti 336.121†	6224.5	0.8731 mg/L	0.00488	0.8731 mg/L	0.00488	0.56%

QC value less than the lower limit for Ti 336.121 Recovery = 87.31%

Ti 337.279†	2428.3	0.8761 mg/L	0.00746	0.8761 mg/L	0.00746	0.85%

QC value less than the lower limit for Ti 337.279 Recovery = 87.61%

Tl 190.801†	3339.5	5.101 mg/L	0.0117	5.101 mg/L	0.0117	0.23%

QC value within limits for Tl 190.801 Recovery = 102.02%

Tl 276.787†	15933.6	4.849 mg/L	0.0182	4.849 mg/L	0.0182	0.38%

QC value within limits for Tl 276.787 Recovery = 96.98%

Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%

QC value less than the lower limit for Tl 351.924 Recovery = 0.00%

V 290.880†	916.8	0.9505 mg/L	0.01898	0.9505 mg/L	0.01898	2.00%

QC value within limits for V 290.880 Recovery = 95.05%

V 309.310†	1600.0	0.9567 mg/L	0.02039	0.9567 mg/L	0.02039	2.13%

QC value within limits for V 309.310 Recovery = 95.67%

V 310.230†	120014.9	0.9920 mg/L	0.00585	0.9920 mg/L	0.00585	0.59%

QC value within limits for V 310.230 Recovery = 99.20%

Zn 202.548†	199.1	0.9430 mg/L	0.02235	0.9430 mg/L	0.02235	2.37%

QC value within limits for Zn 202.548 Recovery = 94.30%

Zn 206.200†	76.8	0.9325 mg/L	0.02158	0.9325 mg/L	0.02158	2.31%

QC value within limits for Zn 206.200 Recovery = 93.25%

Zn 213.857†	377.2	0.9401 mg/L	0.02373	0.9401 mg/L	0.02373	2.52%

QC value within limits for Zn 213.857 Recovery = 94.01%

QC Failed. Continue with analysis.

Sequence No.: 69
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 2:22:03 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120861.0						1239.13	1.03%
Y 360.073	2907037.7						74869.31	2.58%
Ag 328.068†	7808.4	0.04863	mg/L	0.001889	0.04863	mg/L	0.001889	3.88%
QC value within limits for Ag 328.068 Recovery = 97.26%								
Ag 338.289†	4190.6	0.04910	mg/L	0.002001	0.04910	mg/L	0.002001	4.08%
QC value within limits for Ag 338.289 Recovery = 98.20%								
Al 308.215†	5.7	0.02604	mg/L	0.016943	0.02604	mg/L	0.016943	65.06%
Al 394.401†	8.5	0.01808	mg/L	0.008091	0.01808	mg/L	0.008091	44.75%
Al 396.153†	16.7	0.00851	mg/L	0.003431	0.00851	mg/L	0.003431	40.32%
As 188.979†	-0.8	-0.3239	mg/L	0.30634	-0.3239	mg/L	0.30634	94.57%
As 193.696†	1.2	0.00166	mg/L	0.001881	0.00166	mg/L	0.001881	113.18%
As 197.197†	-0.1	-0.07244	mg/L	0.157601	-0.07244	mg/L	0.157601	217.55%
B 208.889†	2.5	0.1024	mg/L	0.08043	0.1024	mg/L	0.08043	78.55%
B 249.677†	6.4	0.02580	mg/L	0.011763	0.02580	mg/L	0.011763	45.58%
B 249.772†	12.6	0.02416	mg/L	0.006235	0.02416	mg/L	0.006235	25.80%
Ba 233.527†	-0.2	-0.00034	mg/L	0.001086	-0.00034	mg/L	0.001086	322.69%
Ba 455.403†	16.5	0.00028	mg/L	0.000068	0.00028	mg/L	0.000068	24.79%
Ba 493.408†	23.5	0.00023	mg/L	0.000348	0.00023	mg/L	0.000348	150.34%
Be 234.861†	38.5	0.00014	mg/L	0.000030	0.00014	mg/L	0.000030	21.23%
Be 313.042†	9.4	0.00040	mg/L	0.000047	0.00040	mg/L	0.000047	11.64%
Be 313.107†	9.4	0.00040	mg/L	0.000047	0.00040	mg/L	0.000047	11.64%
Ca 315.887†	33.2	0.03257	mg/L	0.011385	0.03257	mg/L	0.011385	34.96%
Ca 317.933†	33.0	0.03438	mg/L	0.003800	0.03438	mg/L	0.003800	11.05%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	5.8	0.00022	mg/L	0.000061	0.00022	mg/L	0.000061	28.11%
Cd 228.802†	-0.0	-0.00006	mg/L	0.001289	-0.00006	mg/L	0.001289	>999.9%

Ce 413.380†	-2.5	-0.00250 mg/L	0.005837	-0.00250 mg/L	0.005837	233.91%
Ce 413.764†	-4.8	-0.00475 mg/L	0.006823	-0.00475 mg/L	0.006823	143.71%
Ce 418.660†	-0.1	-0.00004 mg/L	0.007515	-0.00004 mg/L	0.007515	>999.9%
Co 228.616†	2.9	0.00009 mg/L	0.000114	0.00009 mg/L	0.000114	125.23%
Co 230.786†	-0.2	-0.00115 mg/L	0.001418	-0.00115 mg/L	0.001418	123.60%
Co 238.892†	0.2	0.00074 mg/L	0.004085	0.00074 mg/L	0.004085	552.03%
Cr 205.560†	-0.1	-0.00578 mg/L	0.005334	-0.00578 mg/L	0.005334	92.31%
Cr 267.716†	14.1	0.00061 mg/L	0.000072	0.00061 mg/L	0.000072	11.79%
Cr 283.563†	0.6	0.00069 mg/L	0.001079	0.00069 mg/L	0.001079	156.22%
Cu 224.700†	0.2	0.00248 mg/L	0.009154	0.00248 mg/L	0.009154	368.51%
Cu 324.752†	-1.8	-0.00048 mg/L	0.000582	-0.00048 mg/L	0.000582	120.90%
Cu 327.393†	-48.2	-0.00094 mg/L	0.000449	-0.00094 mg/L	0.000449	47.80%
Fe 238.204†	1.6	0.00253 mg/L	0.001994	0.00253 mg/L	0.001994	78.73%
Fe 239.562†	1.4	0.00326 mg/L	0.002664	0.00326 mg/L	0.002664	81.82%
Fe 259.939†	0.7	0.00056 mg/L	0.000605	0.00056 mg/L	0.000605	108.92%
Fe 273.955†	-0.1	-0.00025 mg/L	0.007474	-0.00025 mg/L	0.007474	>999.9%
K 766.490†	-37.1	-0.08394 mg/L	0.024342	-0.08394 mg/L	0.024342	29.00%
Li 610.362†	-19.2	-0.00407 mg/L	0.006845	-0.00407 mg/L	0.006845	168.21%
Li 670.784†	115.1	0.00294 mg/L	0.000346	0.00294 mg/L	0.000346	11.78%
Mg 279.077†	3.6	0.01863 mg/L	0.015749	0.01863 mg/L	0.015749	84.56%
Mg 280.271†	201.4	0.00638 mg/L	0.000230	0.00638 mg/L	0.000230	3.60%
Mg 285.213†	6.4	0.00694 mg/L	0.000493	0.00694 mg/L	0.000493	7.10%
Mn 257.610†	0.9	0.00015 mg/L	0.000390	0.00015 mg/L	0.000390	252.45%
Mn 259.372†	0.4	-0.00017 mg/L	0.000171	-0.00017 mg/L	0.000171	98.65%
Mn 260.568†	1.5	0.00038 mg/L	0.000462	0.00038 mg/L	0.000462	120.12%
Mo 202.031†	1.4	0.04788 mg/L	0.050224	0.04788 mg/L	0.050224	104.89%
Mo 203.845†	0.7	0.04039 mg/L	0.054332	0.04039 mg/L	0.054332	134.51%
Mo 204.597†	13.2	0.00213 mg/L	0.000145	0.00213 mg/L	0.000145	6.78%
Na 588.995†	299.8	0.08328 mg/L	0.018287	0.08328 mg/L	0.018287	21.96%
Na 589.592†	304.5	0.08082 mg/L	0.009291	0.08082 mg/L	0.009291	11.50%
Ni 221.648†	0.1	0.00384 mg/L	0.006185	0.00384 mg/L	0.006185	161.05%
Ni 231.604†	7.9	0.00070 mg/L	0.000155	0.00070 mg/L	0.000155	22.26%
Ni 232.003†	-0.2	-0.00317 mg/L	0.002717	-0.00317 mg/L	0.002717	85.80%
Pb 217.000†	-0.4	-0.04021 mg/L	0.072227	-0.04021 mg/L	0.072227	179.63%
Pb 220.353†	3.2	0.00137 mg/L	0.001143	0.00137 mg/L	0.001143	83.21%
Sb 206.836†	1.5	0.00093 mg/L	0.002302	0.00093 mg/L	0.002302	246.69%
Sb 217.582†	-0.0	-0.00082 mg/L	0.025963	-0.00082 mg/L	0.025963	>999.9%
Se 196.026†	3.0	0.00345 mg/L	0.003971	0.00345 mg/L	0.003971	114.98%
Se 203.985†	-0.1	-0.00019 mg/L	0.004539	-0.00019 mg/L	0.004539	>999.9%
Sn 189.927†	2.5	0.00229 mg/L	0.001495	0.00229 mg/L	0.001495	65.39%
Sn 235.485†	-3.9	-0.1406 mg/L	0.06699	-0.1406 mg/L	0.06699	47.65%
Sr 407.771†	41.2	0.00041 mg/L	0.000059	0.00041 mg/L	0.000059	14.30%
Sr 421.552†	62.2	0.00039 mg/L	0.000110	0.00039 mg/L	0.000110	28.53%
Sr 460.733†	-68.4	-0.00950 mg/L	0.010393	-0.00950 mg/L	0.010393	109.45%
Ti 334.940†	3.9	0.00047 mg/L	0.000300	0.00047 mg/L	0.000300	63.70%
Ti 336.121†	-1.5	-0.00021 mg/L	0.000192	-0.00021 mg/L	0.000192	91.42%
Ti 337.279†	-4.6	-0.00167 mg/L	0.000735	-0.00167 mg/L	0.000735	43.94%
Tl 190.801†	1.5	0.00231 mg/L	0.001985	0.00231 mg/L	0.001985	86.02%
Tl 276.787†	-8.2	-0.00249 mg/L	0.001167	-0.00249 mg/L	0.001167	46.92%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-1.6	-0.00164 mg/L	0.000651	-0.00164 mg/L	0.000651	39.61%
V 309.310†	3.6	0.00215 mg/L	0.000632	0.00215 mg/L	0.000632	29.37%
V 310.230†	-99.8	-0.00083 mg/L	0.000245	-0.00083 mg/L	0.000245	29.68%
Zn 202.548†	3.4	0.01622 mg/L	0.003888	0.01622 mg/L	0.003888	23.96%
Zn 206.200†	0.5	0.00654 mg/L	0.004738	0.00654 mg/L	0.004738	72.44%
Zn 213.857†	0.5	0.00121 mg/L	0.002428	0.00121 mg/L	0.002428	201.24%

All analytes passed QC.

Sequence No.: 70
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 2:26:31 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	120447.4						505.32	0.42%

Y 360.073	2837762.7				36711.82	1.29%
Ag 328.068†	-127.9	-0.00080 mg/L	0.000067	-0.00080 mg/L	0.000067	8.45%
Ag 338.289†	113.4	0.00133 mg/L	0.000106	0.00133 mg/L	0.000106	7.94%
Al 308.215†	20679.6	94.73 mg/L	0.817	94.73 mg/L	0.817	0.86%
QC value within limits for Al 308.215 Recovery = 94.73%						
Al 394.401†	44749.4	95.13 mg/L	0.647	95.13 mg/L	0.647	0.68%
Al 396.153†	157301.4	95.37 mg/L	0.499	95.37 mg/L	0.499	0.52%
As 188.979†	0.1	0.02429 mg/L	0.202129	0.02429 mg/L	0.202129	831.98%
As 193.696†	1.9	0.00263 mg/L	0.001753	0.00263 mg/L	0.001753	66.72%
As 197.197†	-0.4	-0.2138 mg/L	0.05402	-0.2138 mg/L	0.05402	25.26%
B 208.889†	3.1	0.1276 mg/L	0.06605	0.1276 mg/L	0.06605	51.76%
B 249.677†	1.7	0.00686 mg/L	0.007163	0.00686 mg/L	0.007163	104.44%
B 249.772†	84.4	0.1618 mg/L	0.00422	0.1618 mg/L	0.00422	2.61%
Ba 233.527†	0.9	0.00150 mg/L	0.000579	0.00150 mg/L	0.000579	38.54%
Ba 455.403†	7.4	0.00012 mg/L	0.000092	0.00012 mg/L	0.000092	75.07%
Ba 493.408†	59.8	0.00059 mg/L	0.000332	0.00059 mg/L	0.000332	56.30%
Be 234.861†	-164645.2	-0.6034 mg/L	0.00522	-0.6034 mg/L	0.00522	0.86%
Be 313.042†	13.4	0.00057 mg/L	0.000064	0.00057 mg/L	0.000064	11.14%
Be 313.107†	13.4	0.00057 mg/L	0.000064	0.00057 mg/L	0.000064	11.14%
Ca 315.887†	102447.9	100.6 mg/L	0.97	100.6 mg/L	0.97	0.96%
QC value within limits for Ca 315.887 Recovery = 100.59%						
Ca 317.933†	88170.3	91.97 mg/L	0.419	91.97 mg/L	0.419	0.46%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	72.8	0.00273 mg/L	0.000074	0.00273 mg/L	0.000074	2.71%
Cd 228.802†	-0.3	-0.00058 mg/L	0.001668	-0.00058 mg/L	0.001668	286.78%
Ce 413.380†	27.2	0.02728 mg/L	0.009263	0.02728 mg/L	0.009263	33.96%
Ce 413.764†	-1.2	-0.00124 mg/L	0.012050	-0.00124 mg/L	0.012050	969.23%
Ce 418.660†	23.5	0.01148 mg/L	0.005841	0.01148 mg/L	0.005841	50.86%
Co 228.616†	-54.9	-0.00173 mg/L	0.000292	-0.00173 mg/L	0.000292	16.94%
Co 230.786†	-0.6	-0.00436 mg/L	0.006731	-0.00436 mg/L	0.006731	154.34%
Co 238.892†	-14.3	-0.06598 mg/L	0.010838	-0.06598 mg/L	0.010838	16.43%
Cr 205.560†	-1.3	-0.05866 mg/L	0.025584	-0.05866 mg/L	0.025584	43.61%
Cr 267.716†	-32.1	-0.00139 mg/L	0.000119	-0.00139 mg/L	0.000119	8.50%
Cr 283.563†	23.1	0.02776 mg/L	0.000794	0.02776 mg/L	0.000794	2.86%
Cu 224.700†	3.2	0.03579 mg/L	0.014828	0.03579 mg/L	0.014828	41.44%
Cu 324.752†	-0.2	-0.00006 mg/L	0.000507	-0.00006 mg/L	0.000507	793.80%
Cu 327.393†	38.8	0.00076 mg/L	0.000241	0.00076 mg/L	0.000241	31.91%
Fe 238.204†	57412.0	90.35 mg/L	0.531	90.35 mg/L	0.531	0.59%
Fe 239.562†	39779.7	90.34 mg/L	0.574	90.34 mg/L	0.574	0.64%
Fe 259.939†	113333.5	91.80 mg/L	0.360	91.80 mg/L	0.360	0.39%
Fe 273.955†	21199.7	101.3 mg/L	0.94	101.3 mg/L	0.94	0.92%
QC value within limits for Fe 273.955 Recovery = 101.27%						
K 766.490†	44477.6	100.6 mg/L	0.65	100.6 mg/L	0.65	0.65%
QC value within limits for K 766.490 Recovery = 100.60%						
Li 610.362†	-379.7	-0.08065 mg/L	0.010383	-0.08065 mg/L	0.010383	12.87%
Li 670.784†	230.7	0.00590 mg/L	0.001253	0.00590 mg/L	0.001253	21.26%
Mg 279.077†	11286.9	57.77 mg/L	0.303	57.77 mg/L	0.303	0.52%
QC value within limits for Mg 279.077 Recovery = 96.28%						
Mg 280.271†	1711875.8	54.25 mg/L	0.213	54.25 mg/L	0.213	0.39%
Mg 285.213†	49614.2	53.43 mg/L	0.340	53.43 mg/L	0.340	0.64%
Mn 257.610†	18.5	0.00326 mg/L	0.000070	0.00326 mg/L	0.000070	2.16%
Mn 259.372†	783.4	0.00129 mg/L	0.001800	0.00129 mg/L	0.001800	140.05%
Mn 260.568†	4.0	0.00104 mg/L	0.000395	0.00104 mg/L	0.000395	38.08%
Mo 202.031†	-1.0	-0.03195 mg/L	0.025401	-0.03195 mg/L	0.025401	79.52%
Mo 203.845†	2.6	0.1630 mg/L	0.04798	0.1630 mg/L	0.04798	29.44%
Mo 204.597†	15.7	0.00253 mg/L	0.000315	0.00253 mg/L	0.000315	12.47%
Na 588.995†	332844.4	92.47 mg/L	0.414	92.47 mg/L	0.414	0.45%
Na 589.592†	374273.2	99.35 mg/L	0.381	99.35 mg/L	0.381	0.38%
QC value within limits for Na 589.592 Recovery = 99.35%						
Ni 221.648†	0.4	0.01228 mg/L	0.020915	0.01228 mg/L	0.020915	170.34%
Ni 231.604†	25.8	0.00228 mg/L	0.000423	0.00228 mg/L	0.000423	18.55%
Ni 232.003†	-0.3	-0.00410 mg/L	0.027820	-0.00410 mg/L	0.027820	678.21%
Pb 217.000†	-0.5	-0.04891 mg/L	0.122847	-0.04891 mg/L	0.122847	251.16%
Pb 220.353†	4.5	0.00193 mg/L	0.000431	0.00193 mg/L	0.000431	22.36%
Sb 206.836†	-0.6	-0.00038 mg/L	0.001777	-0.00038 mg/L	0.001777	464.03%
Sb 217.582†	-0.1	-0.01568 mg/L	0.132707	-0.01568 mg/L	0.132707	846.24%
Se 196.026†	-24.2	-0.02757 mg/L	0.003051	-0.02757 mg/L	0.003051	11.07%
Se 203.985†	9.0	0.02094 mg/L	0.009795	0.02094 mg/L	0.009795	46.78%
Sn 189.927†	-7.8	-0.00726 mg/L	0.001500	-0.00726 mg/L	0.001500	20.66%
Sn 235.485†	330.4	11.97 mg/L	0.093	11.97 mg/L	0.093	0.77%

Sr 407.771†	260.7	0.00259 mg/L	0.000029	0.00259 mg/L	0.000029	1.12%
Sr 421.552†	466.4	0.00290 mg/L	0.000108	0.00290 mg/L	0.000108	3.73%
Sr 460.733†	-74.7	-0.01037 mg/L	0.007347	-0.01037 mg/L	0.007347	70.82%
Ti 334.940†	6.4	0.00077 mg/L	0.000115	0.00077 mg/L	0.000115	14.97%
Ti 336.121†	4.8	0.00067 mg/L	0.000216	0.00067 mg/L	0.000216	32.21%
Ti 337.279†	-1.5	-0.00054 mg/L	0.000992	-0.00054 mg/L	0.000992	183.31%
Tl 190.801†	4.0	0.00612 mg/L	0.001431	0.00612 mg/L	0.001431	23.39%
Tl 276.787†	8009.9	2.437 mg/L	0.0650	2.437 mg/L	0.0650	2.67%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-4.6	-0.00476 mg/L	0.001620	-0.00476 mg/L	0.001620	34.03%
V 309.310†	-5.6	-0.00337 mg/L	0.004197	-0.00337 mg/L	0.004197	124.58%
V 310.230†	275.5	0.00228 mg/L	0.000611	0.00228 mg/L	0.000611	26.81%
Zn 202.548†	4.2	0.01617 mg/L	0.010160	0.01617 mg/L	0.010160	62.83%
Zn 206.200†	-2.1	-0.02538 mg/L	0.004387	-0.02538 mg/L	0.004387	17.29%
Zn 213.857†	16.4	0.03227 mg/L	0.002151	0.03227 mg/L	0.002151	6.66%

All analytes passed QC.

dilutions

Analysis Begun

Start Time: 8/30/01 2:46:11 PM
Logged In Analyst: JVMORRIS
Spectrometer Model: Optima 3300 DV

Plasma On Time: 8/30/01 7:58:48 AM
Technique: ICP Continuous
Autosampler Model: AS-91

JVM
30 Aug 01

Sample Information File: D:\JVMORRIS\Sample Information\083001a.sif
Results Data Set: 083001a
Results Library: D:\JVMORRIS\Results\Results.mdb

8/30/01 2:47:52 PM Hg ReAlign... Actual peak offset (nm): 0.001
Drift (nm): 0.001 Slit adjustment: 2

Sequence No.: 2
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 2:48:21 PM

Sample Prep Volume:
Data Type: Original

I sure forgot to take

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	-40.2						2.36	5.86%
Y 360.073	84.4						7.32	8.67%
Ag 328.068†	849326.5	5.290	mg/L	6.4965	5.290	mg/L	6.4965	122.81%
QC value greater than the upper limit for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	-7365075.7	-86.29	mg/L	22.329	-86.29	mg/L	22.329	25.88%
QC value less than the lower limit for Ag 338.289 Recovery = Not calculated								
Al 308.215†	124603.4	570.8	mg/L	48.42	570.8	mg/L	48.42	8.48%
QC value greater than the upper limit for Al 308.215 Recovery = Not calculated								
Al 394.401†	2266.6	4.819	mg/L	12.0209	4.819	mg/L	12.0209	249.47%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	-257197.6	-153.7	mg/L	17.34	-153.7	mg/L	17.34	11.28%
QC value less than the lower limit for Al 396.153 Recovery = Not calculated								
As 188.979†	-3480.0	-1340	mg/L	959.0	-1340	mg/L	959.0	71.58%
QC value less than the lower limit for As 188.979 Recovery = Not calculated								
As 193.696†	-417831.1	-580.7	mg/L	54.98	-580.7	mg/L	54.98	9.47%
QC value less than the lower limit for As 193.696 Recovery = Not calculated								
As 197.197†	241.7	128.2	mg/L	247.91	128.2	mg/L	247.91	193.34%
QC value within limits for As 197.197 Recovery = Not calculated								
B 208.889†	-62808.8	-2579	mg/L	210.8	-2579	mg/L	210.8	8.17%
QC value less than the lower limit for B 208.889 Recovery = Not calculated								
B 249.677†	-2225.9	-9.042	mg/L	31.8399	-9.042	mg/L	31.8399	352.15%
QC value within limits for B 249.677 Recovery = Not calculated								
B 249.772†	-10713.9	-20.55	mg/L	17.396	-20.55	mg/L	17.396	84.64%
QC value less than the lower limit for B 249.772 Recovery = Not calculated								
Ba 233.527†	3535.7	6.094	mg/L	5.8346	6.094	mg/L	5.8346	95.75%
QC value greater than the upper limit for Ba 233.527 Recovery = Not calculated								
Ba 455.403†	-240914.4	-4.017	mg/L	0.2387	-4.017	mg/L	0.2387	5.94%
QC value less than the lower limit for Ba 455.403 Recovery = Not calculated								
Ba 493.408†	39059.9	0.3853	mg/L	2.64624	0.3853	mg/L	2.64624	686.75%
QC value within limits for Ba 493.408 Recovery = Not calculated								
Be 234.861†	-61186.1	-0.2243	mg/L	0.21909	-0.2243	mg/L	0.21909	97.69%
QC value less than the lower limit for Be 234.861 Recovery = Not calculated								
Be 313.042†	388484.3	16.61	mg/L	0.866	16.61	mg/L	0.866	5.21%
QC value greater than the upper limit for Be 313.042 Recovery = Not calculated								
Be 313.107†	388484.3	16.61	mg/L	0.866	16.61	mg/L	0.866	5.21%
QC value greater than the upper limit for Be 313.107 Recovery = Not calculated								
Ca 315.887†	-40483.2	-39.75	mg/L	21.887	-39.75	mg/L	21.887	55.06%
QC value less than the lower limit for Ca 315.887 Recovery = Not calculated								
Ca 317.933†	34942.7	36.45	mg/L	3.263	36.45	mg/L	3.263	8.95%
QC value greater than the upper limit for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Cd 226.502†	-798109.6	-29.89	mg/L	3.659	-29.89	mg/L	3.659	12.24%

QC value less than the lower limit for Cd 226.502 Recovery = Not calculated

Cd 228.802†	-4525.4	-7.648 mg/L	2.3905	-7.648 mg/L	2.3905	31.25%

QC value less than the lower limit for Cd 228.802 Recovery = Not calculated

Ce 413.380†	271793.8	272.2 mg/L	38.10	272.2 mg/L	38.10	13.99%

QC value greater than the upper limit for Ce 413.380 Recovery = Not calculated

Ce 413.764†	102724.9	102.2 mg/L	12.70	102.2 mg/L	12.70	12.42%

QC value greater than the upper limit for Ce 413.764 Recovery = Not calculated

Ce 418.660†	687840.6	336.3 mg/L	21.73	336.3 mg/L	21.73	6.46%

QC value greater than the upper limit for Ce 418.660 Recovery = Not calculated

Co 228.616†	5030307.5	158.1 mg/L	20.58	158.1 mg/L	20.58	13.01%

QC value greater than the upper limit for Co 228.616 Recovery = Not calculated

Co 230.786†	1599.1	10.97 mg/L	11.963	10.97 mg/L	11.963	109.07%

QC value greater than the upper limit for Co 230.786 Recovery = Not calculated

Co 238.892†	3166.8	14.56 mg/L	9.584	14.56 mg/L	9.584	65.82%

QC value greater than the upper limit for Co 238.892 Recovery = Not calculated

Cr 205.560†	-302.5	-13.65 mg/L	47.716	-13.65 mg/L	47.716	349.44%

QC value within limits for Cr 205.560 Recovery = Not calculated

Cr 267.716†	-175099.4	-7.608 mg/L	3.4123	-7.608 mg/L	3.4123	44.85%

QC value less than the lower limit for Cr 267.716 Recovery = Not calculated

Cr 283.563†	21871.0	26.24 mg/L	3.580	26.24 mg/L	3.580	13.65%

QC value greater than the upper limit for Cr 283.563 Recovery = Not calculated

Cu 224.700†	4256.8	47.49 mg/L	37.017	47.49 mg/L	37.017	77.94%

QC value greater than the upper limit for Cu 224.700 Recovery = Not calculated

Cu 324.752†	-95278.7	-24.96 mg/L	2.997	-24.96 mg/L	2.997	12.00%

QC value less than the lower limit for Cu 324.752 Recovery = Not calculated

Cu 327.393†	2722052.9	53.09 mg/L	21.585	53.09 mg/L	21.585	40.65%

QC value greater than the upper limit for Cu 327.393 Recovery = Not calculated

Fe 238.204†	-2176.1	-3.424 mg/L	4.1988	-3.424 mg/L	4.1988	122.61%

QC value within limits for Fe 238.204 Recovery = Not calculated

Fe 239.562†	-3285.1	-7.460 mg/L	6.1719	-7.460 mg/L	6.1719	82.73%

QC value less than the lower limit for Fe 239.562 Recovery = Not calculated

Fe 259.939†	-3458.9	-2.802 mg/L	2.2353	-2.802 mg/L	2.2353	79.78%

QC value within limits for Fe 259.939 Recovery = Not calculated

Fe 273.955†	757.4	3.618 mg/L	10.1559	3.618 mg/L	10.1559	280.70%

QC value within limits for Fe 273.955 Recovery = Not calculated

K 766.490†	-297401.2	-672.6 mg/L	31.55	-672.6 mg/L	31.55	4.69%

QC value less than the lower limit for K 766.490 Recovery = Not calculated

Li 610.362†	4398949.7	934.3 mg/L	38.63	934.3 mg/L	38.63	4.13%

QC value greater than the upper limit for Li 610.362 Recovery = Not calculated

Li 670.784†	-1782205.3	-45.55 mg/L	2.592	-45.55 mg/L	2.592	5.69%

QC value less than the lower limit for Li 670.784 Recovery = Not calculated

Mg 279.077†	-79231.7	-405.5 mg/L	24.05	-405.5 mg/L	24.05	5.93%

QC value less than the lower limit for Mg 279.077 Recovery = Not calculated

Mg 280.271†	-387516.7	-12.28 mg/L	1.013	-12.28 mg/L	1.013	8.25%

QC value less than the lower limit for Mg 280.271 Recovery = Not calculated

Mg 285.213†	6890.4	7.421 mg/L	4.5395	7.421 mg/L	4.5395	61.17%

QC value greater than the upper limit for Mg 285.213 Recovery = Not calculated

Mn 257.610†	-20673.8	-3.648 mg/L	0.2105	-3.648 mg/L	0.2105	5.77%

QC value less than the lower limit for Mn 257.610 Recovery = Not calculated

Mn 259.372†	-5746.3	-0.8258 mg/L	1.42908	-0.8258 mg/L	1.42908	173.06%

QC value less than the lower limit for Mn 259.372 Recovery = Not calculated

Mn 260.568†	-6637.4	-1.701 mg/L	0.5137	-1.701 mg/L	0.5137	30.20%

QC value less than the lower limit for Mn 260.568 Recovery = Not calculated

Mo 202.031†	304.8	10.17 mg/L	154.806	10.17 mg/L	154.806	>999.9%

QC value within limits for Mo 202.031 Recovery = Not calculated

Mo 203.845†	-1077.3	-66.64 mg/L	82.508	-66.64 mg/L	82.508	123.81%

QC value within limits for Mo 203.845 Recovery = Not calculated

Mo 204.597†	-973370.0	-156.7 mg/L	4.35	-156.7 mg/L	4.35	2.77%

QC value less than the lower limit for Mo 204.597 Recovery = Not calculated

Na 588.995†	7186946.8	1997 mg/L	108.1	1997 mg/L	108.1	5.41%

QC value greater than the upper limit for Na 588.995 Recovery = Not calculated

Na 589.592†	-3407957.7	-904.7 mg/L	74.11	-904.7 mg/L	74.11	8.19%

QC value less than the lower limit for Na 589.592 Recovery = Not calculated

Ni 221.648†	-343.3	-10.21 mg/L	23.971	-10.21 mg/L	23.971	234.89%

QC value within limits for Ni 221.648 Recovery = Not calculated

Ni 231.604†	-853827.6	-75.41 mg/L	11.093	-75.41 mg/L	11.093	14.71%

QC value less than the lower limit for Ni 231.604 Recovery = Not calculated

Ni 232.003†	3140.5	47.43 mg/L	26.391	47.43 mg/L	26.391	55.64%

QC value greater than the upper limit for Ni 232.003 Recovery = Not calculated

Pb 217.000†	3035.2	309.8 mg/L	348.87	309.8 mg/L	348.87	112.61%

QC value greater than the upper limit for Pb 217.000 Recovery = Not calculated

Pb 220.353†	-2.1	-0.00088 mg/L	16.089739	-0.00088 mg/L	16.089739	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-66233.1	-40.91 mg/L	46.656	-40.91 mg/L	46.656	114.04%
QC value less than the lower limit for Sb 206.836 Recovery = Not calculated						
Sb 217.582†	2771.2	411.5 mg/L	22.18	411.5 mg/L	22.18	5.39%
QC value greater than the upper limit for Sb 217.582 Recovery = Not calculated						
Se 196.026†	-238001.9	-270.7 mg/L	107.56	-270.7 mg/L	107.56	39.74%
QC value less than the lower limit for Se 196.026 Recovery = Not calculated						
Se 203.985†	-1894278.4	-4392 mg/L	456.1	-4392 mg/L	456.1	10.38%
QC value less than the lower limit for Se 203.985 Recovery = Not calculated						
Sn 189.927†	-9720.6	-9.051 mg/L	9.6808	-9.051 mg/L	9.6808	106.96%
QC value less than the lower limit for Sn 189.927 Recovery = Not calculated						
Sn 235.485†	-14163.9	-513.2 mg/L	56.47	-513.2 mg/L	56.47	11.00%
QC value less than the lower limit for Sn 235.485 Recovery = Not calculated						
Sr 407.771†	7189.3	0.07141 mg/L	0.101119	0.07141 mg/L	0.101119	141.60%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Sr 421.552†	-1145963.7	-7.124 mg/L	0.4108	-7.124 mg/L	0.4108	5.77%
QC value less than the lower limit for Sr 421.552 Recovery = Not calculated						
Sr 460.733†	153186.0	21.27 mg/L	26.114	21.27 mg/L	26.114	122.79%
QC value within limits for Sr 460.733 Recovery = Not calculated						
Ti 334.940†	-5294.6	-0.6310 mg/L	0.37679	-0.6310 mg/L	0.37679	59.71%
QC value less than the lower limit for Ti 334.940 Recovery = Not calculated						
Ti 336.121†	-68991.7	-9.677 mg/L	1.6037	-9.677 mg/L	1.6037	16.57%
QC value less than the lower limit for Ti 336.121 Recovery = Not calculated						
Ti 337.279†	-77390.7	-27.92 mg/L	4.111	-27.92 mg/L	4.111	14.72%
QC value less than the lower limit for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	-61045.0	-93.24 mg/L	132.207	-93.24 mg/L	132.207	141.79%
QC value less than the lower limit for Tl 190.801 Recovery = Not calculated						
Tl 276.787†	2547430.8	775.2 mg/L	60.39	775.2 mg/L	60.39	7.79%
QC value greater than the upper limit for Tl 276.787 Recovery = Not calculated						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value within limits for Tl 351.924 Recovery = Not calculated						
V 290.880†	-94273.4	-97.74 mg/L	7.699	-97.74 mg/L	7.699	7.88%
QC value less than the lower limit for V 290.880 Recovery = Not calculated						
V 309.310†	40341.6	24.12 mg/L	1.953	24.12 mg/L	1.953	8.10%
QC value greater than the upper limit for V 309.310 Recovery = Not calculated						
V 310.230†	-109139625	-902.1 mg/L	93.68	-902.1 mg/L	93.68	10.38%
QC value less than the lower limit for V 310.230 Recovery = Not calculated						
Zn 202.548†	-5847.0	-28.25 mg/L	20.528	-28.25 mg/L	20.528	72.66%
QC value less than the lower limit for Zn 202.548 Recovery = Not calculated						
Zn 206.200†	8013.7	97.35 mg/L	23.284	97.35 mg/L	23.284	23.92%
QC value greater than the upper limit for Zn 206.200 Recovery = Not calculated						
Zn 213.857†	-13928.9	-34.58 mg/L	4.124	-34.58 mg/L	4.124	11.93%
QC value less than the lower limit for Zn 213.857 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 3
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 2:52:49 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	-35.6						3.09	8.70%
Y 360.073	155.8						21.17	13.59%
Ag 328.068†	517146508	3221	mg/L	388.5	3221	mg/L	388.5	12.06%
Ag 338.289†	275405305	3227	mg/L	385.0	3227	mg/L	385.0	11.93%
Al 308.215†	-589312.6	-2700	mg/L	199.2	-2700	mg/L	199.2	7.38%
QC value less than the lower limit for Al 308.215 Recovery = -269957.16%								
Al 394.401†	-1591248.7	-3383	mg/L	240.5	-3383	mg/L	240.5	7.11%
QC value less than the lower limit for Al 394.401 Recovery = -338282.86%								
Al 396.153†	-5849066.3	-3537	mg/L	265.9	-3537	mg/L	265.9	7.52%
QC value less than the lower limit for Al 396.153 Recovery = -353659.49%								
As 188.979†	-20004.3	-7701	mg/L	1443.6	-7701	mg/L	1443.6	18.75%
QC value less than the lower limit for As 188.979 Recovery = -385047.92%								

As 193.696†	28268555.2	39290 mg/L	5545.4	39290 mg/L	5545.4	14.12%
QC value greater than the upper limit for As 193.696 Recovery = 1964324.30%						
As 197.197†	-13348.1	-7081 mg/L	835.2	-7081 mg/L	835.2	11.80%
QC value less than the lower limit for As 197.197 Recovery = -354038.27%						
B 208.889†	-145700.8	-5984 mg/L	363.0	-5984 mg/L	363.0	6.07%
QC value less than the lower limit for B 208.889 Recovery = -598362.47%						
B 249.677†	-782453.9	-3178 mg/L	255.6	-3178 mg/L	255.6	8.04%
QC value less than the lower limit for B 249.677 Recovery = -317840.60%						
B 249.772†	-1678634.0	-3220 mg/L	276.0	-3220 mg/L	276.0	8.57%
QC value less than the lower limit for B 249.772 Recovery = -322041.25%						
Ba 233.527†	-1889794.0	-3257 mg/L	243.8	-3257 mg/L	243.8	7.48%
QC value less than the lower limit for Ba 233.527 Recovery = -325688.32%						
Ba 455.403†	-197687030	-3296 mg/L	194.9	-3296 mg/L	194.9	5.91%
QC value less than the lower limit for Ba 455.403 Recovery = -329615.43%						
Ba 493.408†	-334961499	-3304 mg/L	196.1	-3304 mg/L	196.1	5.94%
QC value less than the lower limit for Ba 493.408 Recovery = -330441.89%						
Be 234.861†	6818553644	24990 mg/L	3513.4	24990 mg/L	3513.4	14.06%
QC value greater than the upper limit for Be 234.861 Recovery = 2499100.80%						
Be 313.042†	-75882220	-3244 mg/L	208.4	-3244 mg/L	208.4	6.42%
QC value less than the lower limit for Be 313.042 Recovery = -324397.57%						
Be 313.107†	-75882220	-3244 mg/L	208.4	-3244 mg/L	208.4	6.42%
QC value less than the lower limit for Be 313.107 Recovery = -324397.57%						
Ca 315.887†	-3642871.8	-3577 mg/L	299.2	-3577 mg/L	299.2	8.36%
QC value less than the lower limit for Ca 315.887 Recovery = -357695.27%						
Ca 317.933†	-3251404.8	-3391 mg/L	266.3	-3391 mg/L	266.3	7.85%
QC value less than the lower limit for Ca 317.933 Recovery = -339138.02%						
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%						
Cd 226.502†	502188990	18810 mg/L	2338.2	18810 mg/L	2338.2	12.43%
QC value greater than the upper limit for Cd 226.502 Recovery = 1880950.12%						
Cd 228.802†	-1828643.1	-3091 mg/L	241.6	-3091 mg/L	241.6	7.82%
QC value less than the lower limit for Cd 228.802 Recovery = -309055.76%						
Ce 413.380†	-2978921.2	-2984 mg/L	344.9	-2984 mg/L	344.9	11.56%
QC value less than the lower limit for Ce 413.380 Recovery = -298370.16%						
Ce 413.764†	-3261355.7	-3246 mg/L	242.7	-3246 mg/L	242.7	7.48%
QC value less than the lower limit for Ce 413.764 Recovery = -324597.71%						
Ce 418.660†	-5938424.7	-2904 mg/L	113.0	-2904 mg/L	113.0	3.89%
QC value less than the lower limit for Ce 418.660 Recovery = -290361.32%						
Co 228.616†	565440398	17770 mg/L	2139.8	17770 mg/L	2139.8	12.04%
QC value greater than the upper limit for Co 228.616 Recovery = 1777465.17%						
Co 230.786†	-468772.0	-3215 mg/L	246.8	-3215 mg/L	246.8	7.68%
QC value less than the lower limit for Co 230.786 Recovery = -321523.58%						
Co 238.892†	-689044.4	-3168 mg/L	247.4	-3168 mg/L	247.4	7.81%
QC value less than the lower limit for Co 238.892 Recovery = -316845.17%						
Cr 205.560†	-72788.3	-3286 mg/L	204.2	-3286 mg/L	204.2	6.21%
QC value less than the lower limit for Cr 205.560 Recovery = -328613.31%						
Cr 267.716†	421025613	18290 mg/L	2223.1	18290 mg/L	2223.1	12.15%
QC value greater than the upper limit for Cr 267.716 Recovery = 1829250.22%						
Cr 283.563†	-3584600.9	-4300 mg/L	334.4	-4300 mg/L	334.4	7.78%
QC value less than the lower limit for Cr 283.563 Recovery = -430036.93%						
Cu 224.700†	-322294.7	-3596 mg/L	342.4	-3596 mg/L	342.4	9.52%
QC value less than the lower limit for Cu 224.700 Recovery = -359577.72%						
Cu 324.752†	-12220546	-3202 mg/L	197.3	-3202 mg/L	197.3	6.16%
QC value less than the lower limit for Cu 324.752 Recovery = -320184.43%						
Cu 327.393†	970264683	18920 mg/L	2726.6	18920 mg/L	2726.6	14.41%
QC value greater than the upper limit for Cu 327.393 Recovery = 1892442.90%						
Fe 238.204†	-2049434.2	-3225 mg/L	235.2	-3225 mg/L	235.2	7.29%
QC value less than the lower limit for Fe 238.204 Recovery = -322522.58%						
Fe 239.562†	-1413386.3	-3210 mg/L	262.3	-3210 mg/L	262.3	8.17%
QC value less than the lower limit for Fe 239.562 Recovery = -320983.03%						
Fe 259.939†	-4191847.2	-3396 mg/L	262.6	-3396 mg/L	262.6	7.73%
QC value less than the lower limit for Fe 259.939 Recovery = -339552.16%						
Fe 273.955†	-785224.8	-3751 mg/L	301.1	-3751 mg/L	301.1	8.03%
QC value less than the lower limit for Fe 273.955 Recovery = -375110.71%						
K 766.490†	-8175250.3	-18490 mg/L	1181.4	-18490 mg/L	1181.4	6.39%
QC value less than the lower limit for K 766.490 Recovery = -369800.17%						
Li 610.362†	-11343707	-2409 mg/L	147.3	-2409 mg/L	147.3	6.11%
QC value less than the lower limit for Li 610.362 Recovery = -240923.09%						
Li 670.784†	-136033460	-3477 mg/L	216.5	-3477 mg/L	216.5	6.23%
QC value less than the lower limit for Li 670.784 Recovery = -347682.51%						

Mg 279.077†	-779245.4	-3988 mg/L	246.7	-3988 mg/L	246.7	6.19%
QC value less than the lower limit for Mg 279.077 Recovery = -398817.66%						
Mg 280.271†	-109165300	-3459 mg/L	220.6	-3459 mg/L	220.6	6.38%
QC value less than the lower limit for Mg 280.271 Recovery = -345940.31%						
Mg 285.213†	-3134430.5	-3376 mg/L	261.6	-3376 mg/L	261.6	7.75%
QC value less than the lower limit for Mg 285.213 Recovery = -337559.84%						
Mn 257.610†	-18639155	-3289 mg/L	207.5	-3289 mg/L	207.5	6.31%
QC value less than the lower limit for Mn 257.610 Recovery = -328880.76%						
Mn 259.372†	-23964877	-3207 mg/L	182.8	-3207 mg/L	182.8	5.70%
QC value less than the lower limit for Mn 259.372 Recovery = -320679.38%						
Mn 260.568†	-11334836	-2904 mg/L	156.9	-2904 mg/L	156.9	5.40%
QC value less than the lower limit for Mn 260.568 Recovery = -290444.06%						
Mo 202.031†	-85416.2	-2850 mg/L	229.5	-2850 mg/L	229.5	8.05%
QC value less than the lower limit for Mo 202.031 Recovery = -285048.96%						
Mo 203.845†	-47192.5	-2919 mg/L	521.8	-2919 mg/L	521.8	17.88%
QC value less than the lower limit for Mo 203.845 Recovery = -291907.33%						
Mo 204.597†	100373777	16160 mg/L	1933.7	16160 mg/L	1933.7	11.96%
QC value greater than the upper limit for Mo 204.597 Recovery = 1616207.85%						
Na 588.995†	-4551770.7	-1265 mg/L	39.4	-1265 mg/L	39.4	3.12%
Na 589.592†	-17298233	-4592 mg/L	365.9	-4592 mg/L	365.9	7.97%
Ni 221.648†	-105781.5	-3145 mg/L	264.0	-3145 mg/L	264.0	8.39%
QC value less than the lower limit for Ni 221.648 Recovery = -314492.29%						
Ni 231.604†	229620432	20280 mg/L	2490.3	20280 mg/L	2490.3	12.28%
QC value greater than the upper limit for Ni 231.604 Recovery = 2028135.93%						
Ni 232.003†	-207250.6	-3130 mg/L	167.3	-3130 mg/L	167.3	5.35%
QC value less than the lower limit for Ni 232.003 Recovery = -313009.58%						
Pb 217.000†	-60588.5	-6184 mg/L	378.4	-6184 mg/L	378.4	6.12%
QC value less than the lower limit for Pb 217.000 Recovery = -309212.58%						
Pb 220.353†	86568881.1	36700 mg/L	4402.2	36700 mg/L	4402.2	11.99%
QC value greater than the upper limit for Pb 220.353 Recovery = 1835078.42%						
Sb 206.836†	58962910.1	36420 mg/L	4449.1	36420 mg/L	4449.1	12.22%
QC value greater than the upper limit for Sb 206.836 Recovery = 1821044.64%						
Sb 217.582†	-39151.6	-5814 mg/L	558.9	-5814 mg/L	558.9	9.61%
QC value less than the lower limit for Sb 217.582 Recovery = -290685.87%						
Se 196.026†	18274781.5	20780 mg/L	2834.0	20780 mg/L	2834.0	13.63%
QC value greater than the upper limit for Se 196.026 Recovery = 2078476.37%						
Se 203.985†	8079256.1	18730 mg/L	2822.6	18730 mg/L	2822.6	15.07%
QC value greater than the upper limit for Se 203.985 Recovery = 1873347.77%						
Sn 189.927†	92965550.6	86560 mg/L	10994.8	86560 mg/L	10994.8	12.70%
QC value greater than the upper limit for Sn 189.927 Recovery = 1731203.48%						
Sn 235.485†	-452574.0	-16400 mg/L	1468.9	-16400 mg/L	1468.9	8.96%
QC value less than the lower limit for Sn 235.485 Recovery = -327976.98%						
Sr 407.771†	-354206487	-3518 mg/L	215.2	-3518 mg/L	215.2	6.12%
QC value less than the lower limit for Sr 407.771 Recovery = -351826.34%						
Sr 421.552†	-530544242	-3298 mg/L	199.8	-3298 mg/L	199.8	6.06%
QC value less than the lower limit for Sr 421.552 Recovery = -329840.39%						
Sr 460.733†	-24363802	-3382 mg/L	213.3	-3382 mg/L	213.3	6.31%
QC value less than the lower limit for Sr 460.733 Recovery = -338242.09%						
Ti 334.940†	-24825414	-2959 mg/L	180.5	-2959 mg/L	180.5	6.10%
QC value less than the lower limit for Ti 334.940 Recovery = -295882.48%						
Ti 336.121†	-21256610	-2982 mg/L	186.8	-2982 mg/L	186.8	6.26%
QC value less than the lower limit for Ti 336.121 Recovery = -298158.92%						
Ti 337.279†	-8330965.3	-3006 mg/L	168.8	-3006 mg/L	168.8	5.61%
QC value less than the lower limit for Ti 337.279 Recovery = -300567.59%						
Tl 190.801†	66585188.5	101700 mg/L	13303.3	101700 mg/L	13303.3	13.08%
QC value greater than the upper limit for Tl 190.801 Recovery = 2034118.19%						
Tl 276.787†	300909975	91570 mg/L	11266.5	91570 mg/L	11266.5	12.30%
QC value greater than the upper limit for Tl 276.787 Recovery = 1831408.55%						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value less than the lower limit for Tl 351.924 Recovery = 0.00%						
V 290.880†	-3098876.8	-3213 mg/L	236.3	-3213 mg/L	236.3	7.35%
QC value less than the lower limit for V 290.880 Recovery = -321280.64%						
V 309.310†	-5769751.0	-3450 mg/L	265.6	-3450 mg/L	265.6	7.70%
QC value less than the lower limit for V 309.310 Recovery = -345002.94%						
V 310.230†	2149137927	17760 mg/L	2503.0	17760 mg/L	2503.0	14.09%
QC value greater than the upper limit for V 310.230 Recovery = 1776408.62%						
Zn 202.548†	-665272.5	-3147 mg/L	210.8	-3147 mg/L	210.8	6.70%
QC value less than the lower limit for Zn 202.548 Recovery = -314740.15%						
Zn 206.200†	-254679.3	-3094 mg/L	261.2	-3094 mg/L	261.2	8.44%
QC value less than the lower limit for Zn 206.200 Recovery = -309366.29%						

Zn 213.857†	-1326325.8	-3424 mg/L	272.2	-3424 mg/L	272.2	7.95%

QC value less than the lower limit for Zn 213.857 Recovery = -342350.49%
QC Failed. Continue with analysis.

Sequence No.: 4
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 2:57:16 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	-39.7						3.01	7.57%
Y 360.073	115.6						16.98	14.69%
Ag 328.068†	197243138	1228	mg/L	182.7	1228	mg/L	182.7	14.87%
QC value greater than the upper limit for Ag 328.068 Recovery = 2456954.55%								
Ag 338.289†	102252903	1198	mg/L	213.7	1198	mg/L	213.7	17.83%
QC value greater than the upper limit for Ag 338.289 Recovery = 2396116.76%								
Al 308.215†	121216.4	555.3	mg/L	67.52	555.3	mg/L	67.52	12.16%
Al 394.401†	-15068.2	-32.03	mg/L	23.148	-32.03	mg/L	23.148	72.26%
Al 396.153†	-295460.7	-174.8	mg/L	12.64	-174.8	mg/L	12.64	7.23%
As 188.979†	-3752.6	-1445	mg/L	605.4	-1445	mg/L	605.4	41.91%
As 193.696†	-318818.9	-443.1	mg/L	68.52	-443.1	mg/L	68.52	15.47%
As 197.197†	299.4	158.8	mg/L	1053.84	158.8	mg/L	1053.84	663.49%
B 208.889†	-61887.2	-2542	mg/L	177.0	-2542	mg/L	177.0	6.96%
B 249.677†	-7529.8	-30.59	mg/L	38.212	-30.59	mg/L	38.212	124.93%
B 249.772†	-47390.3	-90.92	mg/L	3.150	-90.92	mg/L	3.150	3.46%
Ba 233.527†	-147.7	-0.2546	mg/L	2.82038	-0.2546	mg/L	2.82038	>999.9%
Ba 455.403†	-317381.5	-5.292	mg/L	0.3516	-5.292	mg/L	0.3516	6.64%
Ba 493.408†	-136656.3	-1.348	mg/L	0.1894	-1.348	mg/L	0.1894	14.05%
Be 234.861†	684588.7	2.509	mg/L	1.3565	2.509	mg/L	1.3565	54.06%
Be 313.042†	389390.6	16.65	mg/L	1.398	16.65	mg/L	1.398	8.40%
Be 313.107†	389390.6	16.65	mg/L	1.398	16.65	mg/L	1.398	8.40%
Ca 315.887†	-138703.9	-136.2	mg/L	37.70	-136.2	mg/L	37.70	27.68%
Ca 317.933†	-57239.8	-59.70	mg/L	6.315	-59.70	mg/L	6.315	10.58%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-361517.8	-13.54	mg/L	1.902	-13.54	mg/L	1.902	14.05%
Cd 228.802†	-4828.4	-8.160	mg/L	3.0273	-8.160	mg/L	3.0273	37.10%
Ce 413.380†	277345.0	277.8	mg/L	45.50	277.8	mg/L	45.50	16.38%
Ce 413.764†	116669.4	116.1	mg/L	22.64	116.1	mg/L	22.64	19.49%
Ce 418.660†	691199.8	338.0	mg/L	40.76	338.0	mg/L	40.76	12.06%
Co 228.616†	3613197.4	113.6	mg/L	23.62	113.6	mg/L	23.62	20.80%
Co 230.786†	3114.3	21.36	mg/L	20.251	21.36	mg/L	20.251	94.80%
Co 238.892†	-1402.3	-6.448	mg/L	2.2414	-6.448	mg/L	2.2414	34.76%
Cr 205.560†	273.2	12.34	mg/L	63.922	12.34	mg/L	63.922	518.19%
Cr 267.716†	142402.6	6.187	mg/L	6.0254	6.187	mg/L	6.0254	97.39%
Cr 283.563†	20323.7	24.38	mg/L	4.517	24.38	mg/L	4.517	18.53%
Cu 224.700†	5788.8	64.58	mg/L	31.394	64.58	mg/L	31.394	48.61%
Cu 324.752†	-111344.5	-29.17	mg/L	2.156	-29.17	mg/L	2.156	7.39%
Cu 327.393†	3405347.1	66.42	mg/L	14.467	66.42	mg/L	14.467	21.78%
Fe 238.204†	-8934.6	-14.06	mg/L	0.444	-14.06	mg/L	0.444	3.15%
Fe 239.562†	-8726.9	-19.82	mg/L	2.739	-19.82	mg/L	2.739	13.82%
Fe 259.939†	-12150.8	-9.843	mg/L	2.3003	-9.843	mg/L	2.3003	23.37%
Fe 273.955†	-3091.6	-14.77	mg/L	5.455	-14.77	mg/L	5.455	36.94%
K 766.490†	-497061.1	-1124	mg/L	62.8	-1124	mg/L	62.8	5.58%
Li 610.362†	4047248.8	859.6	mg/L	29.56	859.6	mg/L	29.56	3.44%
Li 670.784†	-2379799.3	-60.82	mg/L	3.934	-60.82	mg/L	3.934	6.47%
Mg 279.077†	-90009.4	-460.7	mg/L	69.93	-460.7	mg/L	69.93	15.18%
Mg 280.271†	-1138115.7	-36.07	mg/L	2.731	-36.07	mg/L	2.731	7.57%
Mg 285.213†	-14483.1	-15.60	mg/L	1.193	-15.60	mg/L	1.193	7.65%
Mn 257.610†	-25541.8	-4.507	mg/L	0.7355	-4.507	mg/L	0.7355	16.32%
Mn 259.372†	-8067.0	-0.8575	mg/L	1.09867	-0.8575	mg/L	1.09867	128.12%
Mn 260.568†	-11262.3	-2.886	mg/L	1.8465	-2.886	mg/L	1.8465	63.98%
Mo 202.031†	-1329.2	-44.36	mg/L	28.324	-44.36	mg/L	28.324	63.85%
Mo 203.845†	-118.0	-7.298	mg/L	248.5471	-7.298	mg/L	248.5471	>999.9%
Mo 204.597†	-373131.8	-60.08	mg/L	9.355	-60.08	mg/L	9.355	15.57%
Na 588.995†	6492106.7	1804	mg/L	155.0	1804	mg/L	155.0	8.59%

Na 589.592†	-3988736.7	-1059	mg/L	120.1	-1059	mg/L	120.1	11.35%
Ni 221.648†	-1351.3	-40.17	mg/L	55.525	-40.17	mg/L	55.525	138.21%
Ni 231.604†	-559206.9	-49.39	mg/L	20.596	-49.39	mg/L	20.596	41.70%
Ni 232.003†	3207.2	48.44	mg/L	31.732	48.44	mg/L	31.732	65.51%
Pb 217.000†	2672.1	272.7	mg/L	57.67	272.7	mg/L	57.67	21.14%
Pb 220.353†	224607.4	95.22	mg/L	32.808	95.22	mg/L	32.808	34.45%
Sb 206.836†	-60257.1	-37.22	mg/L	29.586	-37.22	mg/L	29.586	79.49%
Sb 217.582†	835.4	124.0	mg/L	470.75	124.0	mg/L	470.75	379.49%
Se 196.026†	-185683.2	-211.2	mg/L	26.09	-211.2	mg/L	26.09	12.35%
Se 203.985†	-1294109.2	-3001	mg/L	320.0	-3001	mg/L	320.0	10.66%
Sn 189.927†	59143.5	55.07	mg/L	18.302	55.07	mg/L	18.302	33.24%
Sn 235.485†	-17783.9	-644.4	mg/L	480.16	-644.4	mg/L	480.16	74.51%
Sr 407.771†	-126533.9	-1.257	mg/L	0.2653	-1.257	mg/L	0.2653	21.11%
Sr 421.552†	-1330982.6	-8.275	mg/L	0.6343	-8.275	mg/L	0.6343	7.67%
Sr 460.733†	-236282.8	-32.80	mg/L	28.069	-32.80	mg/L	28.069	85.57%
Ti 334.940†	-18294.1	-2.180	mg/L	0.7969	-2.180	mg/L	0.7969	36.55%
Ti 336.121†	-89626.4	-12.57	mg/L	1.628	-12.57	mg/L	1.628	12.95%
Ti 337.279†	-89962.4	-32.46	mg/L	1.330	-32.46	mg/L	1.330	4.10%
Tl 190.801†	-63014.2	-96.25	mg/L	42.221	-96.25	mg/L	42.221	43.87%
Tl 276.787†	1908944.4	580.9	mg/L	110.44	580.9	mg/L	110.44	19.01%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-103103.3	-106.9	mg/L	8.84	-106.9	mg/L	8.84	8.27%
V 309.310†	31584.5	18.89	mg/L	4.232	18.89	mg/L	4.232	22.41%
V 310.230†	-76537468	-632.6	mg/L	91.23	-632.6	mg/L	91.23	14.42%
Zn 202.548†	-4721.1	-23.00	mg/L	33.859	-23.00	mg/L	33.859	147.20%
Zn 206.200†	3615.6	43.92	mg/L	2.033	43.92	mg/L	2.033	4.63%
Zn 213.857†	-26451.5	-66.12	mg/L	5.775	-66.12	mg/L	5.775	8.73%

QC Failed. Continue with analysis.

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: Hi AQC **Date Collected: 8/30/01 3:01:39 PM**
Analyst:
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	-36.9						8.31	22.50%
Y 360.073	92.3						17.32	18.76%
Ag 328.068†	1471624.4	9.166	mg/L	4.2716	9.166	mg/L	4.2716	46.61%
Ag 338.289†	-2492077.3	-29.20	mg/L	7.459	-29.20	mg/L	7.459	25.54%
Al 308.215†	-70073172	-321000	mg/L	78605.4	-321000	mg/L	78605.4	24.49%
QC value less than the lower limit for Al 308.215 Recovery = -320996.96%								
Al 394.401†	-153109187	-325500	mg/L	80095.7	-325500	mg/L	80095.7	24.61%
Al 396.153†	-524676174	-318100	mg/L	83667.1	-318100	mg/L	83667.1	26.30%
As 188.979†	-1580.4	-608.4	mg/L	679.74	-608.4	mg/L	679.74	111.72%
As 193.696†	-129475.9	-179.9	mg/L	157.05	-179.9	mg/L	157.05	87.28%
As 197.197†	1966.3	1043	mg/L	383.5	1043	mg/L	383.5	36.76%
B 208.889†	-67107.8	-2756	mg/L	648.9	-2756	mg/L	648.9	23.54%
B 249.677†	-276.2	-1.122	mg/L	28.2886	-1.122	mg/L	28.2886	>999.9%
B 249.772†	-231732.6	-444.6	mg/L	101.03	-444.6	mg/L	101.03	22.73%
Ba 233.527†	-512.0	-0.8824	mg/L	3.89014	-0.8824	mg/L	3.89014	440.86%
Ba 455.403†	-333372.6	-5.559	mg/L	1.3085	-5.559	mg/L	1.3085	23.54%
Ba 493.408†	-339753.0	-3.352	mg/L	2.4363	-3.352	mg/L	2.4363	72.69%
Be 234.861†	-2.360e09	-8650	mg/L	1499.0	-8650	mg/L	1499.0	17.33%
Be 313.042†	403908.8	17.27	mg/L	4.085	17.27	mg/L	4.085	23.66%
Be 313.107†	403908.8	17.27	mg/L	4.085	17.27	mg/L	4.085	23.66%
Ca 315.887†	-329554528	-323600	mg/L	84683.5	-323600	mg/L	84683.5	26.17%
QC value less than the lower limit for Ca 315.887 Recovery = -323591.12%								
Ca 317.933†	-302068117	-315100	mg/L	82450.0	-315100	mg/L	82450.0	26.17%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	826081.8	30.94	mg/L	13.476	30.94	mg/L	13.476	43.55%
Cd 228.802†	-2457.9	-4.154	mg/L	4.8754	-4.154	mg/L	4.8754	117.36%
Ce 413.380†	256444.6	256.9	mg/L	52.91	256.9	mg/L	52.91	20.60%
Ce 413.764†	118913.7	118.4	mg/L	15.13	118.4	mg/L	15.13	12.79%
Ce 418.660†	742587.8	363.1	mg/L	99.99	363.1	mg/L	99.99	27.54%
Co 228.616†	2765189.5	86.92	mg/L	11.817	86.92	mg/L	11.817	13.59%

Co 230.786†	3625.9	24.87 mg/L	3.814	24.87 mg/L	3.814	15.34%
Co 238.892†	-94965.9	-436.7 mg/L	91.78	-436.7 mg/L	91.78	21.02%
Cr 205.560†	2983.3	134.7 mg/L	63.37	134.7 mg/L	63.37	47.05%
Cr 267.716†	-971534.6	-42.21 mg/L	15.039	-42.21 mg/L	15.039	35.63%
Cr 283.563†	8667.7	10.40 mg/L	6.770	10.40 mg/L	6.770	65.10%
Cu 224.700†	1053.9	11.76 mg/L	30.861	11.76 mg/L	30.861	262.46%
Cu 324.752†	-133445.0	-34.96 mg/L	6.765	-34.96 mg/L	6.765	19.35%
Cu 327.393†	6646855.8	129.6 mg/L	26.01	129.6 mg/L	26.01	20.06%
Fe 238.204†	-188223649	-296200 mg/L	77281.4	-296200 mg/L	77281.4	26.09%
Fe 239.562†	-130307053	-295900 mg/L	72332.8	-295900 mg/L	72332.8	24.44%
Fe 259.939†	-386004240	-312700 mg/L	81777.6	-312700 mg/L	81777.6	26.15%
Fe 273.955†	-73067672	-349100 mg/L	85291.7	-349100 mg/L	85291.7	24.44%
QC value less than the lower limit for Fe 273.955			Recovery = -349052.48%			
K 766.490†	-153905581	-348100 mg/L	85290.6	-348100 mg/L	85290.6	24.50%
QC value less than the lower limit for K 766.490			Recovery = -348089.09%			
Li 610.362†	5393959.2	1146 mg/L	270.8	1146 mg/L	270.8	23.64%
Li 670.784†	-3043006.9	-77.78 mg/L	15.241	-77.78 mg/L	15.241	19.60%
Mg 279.077†	-38528437	-197200 mg/L	49147.2	-197200 mg/L	49147.2	24.92%
QC value less than the lower limit for Mg 279.077			Recovery = -328647.46%			
Mg 280.271†	-5.849e09	-185400 mg/L	48305.0	-185400 mg/L	48305.0	26.06%
Mg 285.213†	-167874169	-180800 mg/L	47726.8	-180800 mg/L	47726.8	26.40%
Mn 257.610†	-80086.9	-14.13 mg/L	3.481	-14.13 mg/L	3.481	24.63%
Mn 259.372†	-2602385.6	7.532 mg/L	2.4027	7.532 mg/L	2.4027	31.90%
Mn 260.568†	-21158.6	-5.422 mg/L	0.3615	-5.422 mg/L	0.3615	6.67%
Mo 202.031†	10571.6	352.8 mg/L	139.42	352.8 mg/L	139.42	39.52%
Mo 203.845†	-8682.0	-537.0 mg/L	291.14	-537.0 mg/L	291.14	54.21%
Mo 204.597†	-366243.5	-58.97 mg/L	18.317	-58.97 mg/L	18.317	31.06%
Na 588.995†	-1.130e09	-314000 mg/L	82363.7	-314000 mg/L	82363.7	26.23%
Na 589.592†	-1.248e09	-331200 mg/L	86512.7	-331200 mg/L	86512.7	26.12%
QC value less than the lower limit for Na 589.592			Recovery = -331242.30%			
Ni 221.648†	336.9	10.02 mg/L	60.016	10.02 mg/L	60.016	599.14%
Ni 231.604†	-235576.2	-20.81 mg/L	15.130	-20.81 mg/L	15.130	72.72%
Ni 232.003†	-425.3	-6.423 mg/L	66.1016	-6.423 mg/L	66.1016	>999.9%
Pb 217.000†	4316.9	440.6 mg/L	227.63	440.6 mg/L	227.63	51.66%
Pb 220.353†	173869.5	73.71 mg/L	56.215	73.71 mg/L	56.215	76.26%
Sb 206.836†	-92784.2	-57.31 mg/L	19.919	-57.31 mg/L	19.919	34.76%
Sb 217.582†	9762.5	1450 mg/L	2730.5	1450 mg/L	2730.5	188.35%
Se 196.026†	-435965.6	-495.8 mg/L	47.07	-495.8 mg/L	47.07	9.49%
Se 203.985†	-1631392.8	-3783 mg/L	689.1	-3783 mg/L	689.1	18.22%
Sn 189.927†	-173344.7	-161.4 mg/L	79.02	-161.4 mg/L	79.02	48.96%
Sn 235.485†	-327578.3	-11870 mg/L	3843.9	-11870 mg/L	3843.9	32.38%
Sr 407.771†	-999410.1	-9.927 mg/L	2.4654	-9.927 mg/L	2.4654	24.84%
Sr 421.552†	-2960853.8	-18.41 mg/L	4.490	-18.41 mg/L	4.490	24.39%
Sr 460.733†	-157622.7	-21.88 mg/L	39.833	-21.88 mg/L	39.833	182.03%
Ti 334.940†	-18052.0	-2.152 mg/L	0.6009	-2.152 mg/L	0.6009	27.93%
Ti 336.121†	-88566.1	-12.42 mg/L	1.232	-12.42 mg/L	1.232	9.92%
Ti 337.279†	-100188.0	-36.15 mg/L	7.735	-36.15 mg/L	7.735	21.40%
Tl 190.801†	-64024.4	-97.79 mg/L	171.048	-97.79 mg/L	171.048	174.91%
Tl 276.787†	140112316	42640 mg/L	7013.7	42640 mg/L	7013.7	16.45%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-103876.6	-107.7 mg/L	27.14	-107.7 mg/L	27.14	25.20%
V 309.310†	360451.0	215.5 mg/L	56.67	215.5 mg/L	56.67	26.29%
V 310.230†	-89218185	-737.4 mg/L	134.05	-737.4 mg/L	134.05	18.18%
Zn 202.548†	-20895.6	-87.22 mg/L	38.551	-87.22 mg/L	38.551	44.20%
Zn 206.200†	14516.6	176.3 mg/L	40.06	176.3 mg/L	40.06	22.72%
Zn 213.857†	-72357.1	-150.7 mg/L	41.09	-150.7 mg/L	41.09	27.26%

QC Failed. Continue with analysis.

Sequence No.: 6
Sample ID: RLC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/30/01 3:06:13 PM

Sample Prep Volume:
Data Type: Original

Mean Data: RLC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	-40.7						2.11	5.20%

Y 360.073	93.7				13.39	14.29%
Ag 328.068†	9125933.3	56.84 mg/L	7.733	56.84 mg/L	7.733	13.60%
Ag 338.289†	747091.2	8.753 mg/L	18.5934	8.753 mg/L	18.5934	212.41%
Al 308.215†	61977.9	283.9 mg/L	17.18	283.9 mg/L	17.18	6.05%
Al 394.401†	-116554.4	-247.8 mg/L	35.95	-247.8 mg/L	35.95	14.51%
Al 396.153†	-660819.9	-398.8 mg/L	16.73	-398.8 mg/L	16.73	4.19%
As 188.979†	-2299.8	-885.4 mg/L	703.24	-885.4 mg/L	703.24	79.43%
As 193.696†	-14930.8	-20.75 mg/L	11.427	-20.75 mg/L	11.427	55.07%
As 197.197†	250.1	132.7 mg/L	988.89	132.7 mg/L	988.89	745.32%
B 208.889†	-66268.0	-2721 mg/L	291.3	-2721 mg/L	291.3	10.70%
B 249.677†	-34471.4	-140.0 mg/L	35.32	-140.0 mg/L	35.32	25.23%
B 249.772†	-95435.5	-183.1 mg/L	3.23	-183.1 mg/L	3.23	1.76%
Ba 233.527†	-699.1	-1.205 mg/L	5.4257	-1.205 mg/L	5.4257	450.35%
Ba 455.403†	-633058.7	-10.56 mg/L	0.506	-10.56 mg/L	0.506	4.79%
Ba 493.408†	-684055.4	-6.748 mg/L	1.7520	-6.748 mg/L	1.7520	25.96%
Be 234.861†	10860838.1	39.81 mg/L	4.351	39.81 mg/L	4.351	10.93%
Be 313.042†	309982.1	13.25 mg/L	0.665	13.25 mg/L	0.665	5.02%
Be 313.107†	309982.1	13.25 mg/L	0.665	13.25 mg/L	0.665	5.02%
Ca 315.887†	-382190.2	-375.3 mg/L	26.78	-375.3 mg/L	26.78	7.14%
Ca 317.933†	-289704.3	-302.2 mg/L	21.29	-302.2 mg/L	21.29	7.04%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	133166.4	4.988 mg/L	1.8056	4.988 mg/L	1.8056	36.20%
Cd 228.802†	-3322.7	-5.616 mg/L	2.3876	-5.616 mg/L	2.3876	42.52%
Ce 413.380†	168539.0	168.8 mg/L	35.55	168.8 mg/L	35.55	21.06%
Ce 413.764†	25383.8	25.26 mg/L	24.026	25.26 mg/L	24.026	95.10%
Ce 418.660†	432998.1	211.7 mg/L	13.22	211.7 mg/L	13.22	6.25%
Co 228.616†	5987875.8	188.2 mg/L	17.82	188.2 mg/L	17.82	9.47%
Co 230.786†	189.2	1.298 mg/L	15.0427	1.298 mg/L	15.0427	>999.9%
Co 238.892†	724.2	3.330 mg/L	2.5363	3.330 mg/L	2.5363	76.16%
Cr 205.560†	-702.2	-31.70 mg/L	23.565	-31.70 mg/L	23.565	74.33%
Cr 267.716†	1951949.4	84.81 mg/L	16.418	84.81 mg/L	16.418	19.36%
Cr 283.563†	8285.4	9.940 mg/L	10.7203	9.940 mg/L	10.7203	107.85%
Cu 224.700†	3138.7	35.02 mg/L	23.141	35.02 mg/L	23.141	66.08%
Cu 324.752†	-144549.3	-37.87 mg/L	4.175	-37.87 mg/L	4.175	11.02%
Cu 327.393†	9303375.0	181.5 mg/L	18.00	181.5 mg/L	18.00	9.92%
Fe 238.204†	-64196.5	-101.0 mg/L	14.93	-101.0 mg/L	14.93	14.78%
Fe 239.562†	-44641.4	-101.4 mg/L	10.00	-101.4 mg/L	10.00	9.86%
Fe 259.939†	-131315.4	-106.4 mg/L	17.87	-106.4 mg/L	17.87	16.80%
Fe 273.955†	-25185.0	-120.3 mg/L	28.01	-120.3 mg/L	28.01	23.28%
K 766.490†	-1705753.3	-3858 mg/L	224.1	-3858 mg/L	224.1	5.81%
Li 610.362†	4162759.3	884.1 mg/L	103.84	884.1 mg/L	103.84	11.75%
Li 670.784†	-4810559.7	-123.0 mg/L	5.69	-123.0 mg/L	5.69	4.63%
Mg 279.077†	-94220.2	-482.2 mg/L	87.07	-482.2 mg/L	87.07	18.06%
Mg 280.271†	-3003799.4	-95.19 mg/L	9.300	-95.19 mg/L	9.300	9.77%
Mg 285.213†	-71416.4	-76.91 mg/L	9.829	-76.91 mg/L	9.829	12.78%
Mn 257.610†	-56104.9	-9.899 mg/L	0.3767	-9.899 mg/L	0.3767	3.81%
Mn 259.372†	-45553.8	-5.819 mg/L	1.5597	-5.819 mg/L	1.5597	26.80%
Mn 260.568†	-29004.5	-7.432 mg/L	0.5937	-7.432 mg/L	0.5937	7.99%
Mo 202.031†	-1159.6	-38.70 mg/L	48.656	-38.70 mg/L	48.656	125.74%
Mo 203.845†	1241.9	76.82 mg/L	178.102	76.82 mg/L	178.102	231.85%
Mo 204.597†	-333748.2	-53.74 mg/L	33.329	-53.74 mg/L	33.329	62.02%
Na 588.995†	2112428.6	586.9 mg/L	94.74	586.9 mg/L	94.74	16.14%
Na 589.592†	-8962295.7	-2379 mg/L	150.4	-2379 mg/L	150.4	6.32%
Ni 221.648†	-1337.3	-39.76 mg/L	28.879	-39.76 mg/L	28.879	72.64%
Ni 231.604†	71573.2	6.322 mg/L	11.6346	6.322 mg/L	11.6346	184.04%
Ni 232.003†	2012.7	30.40 mg/L	13.693	30.40 mg/L	13.693	45.05%
Pb 217.000†	3055.9	311.9 mg/L	20.46	311.9 mg/L	20.46	6.56%
Pb 220.353†	903726.0	383.1 mg/L	85.70	383.1 mg/L	85.70	22.37%
Sb 206.836†	234031.4	144.6 mg/L	22.23	144.6 mg/L	22.23	15.38%
Sb 217.582†	2293.8	340.6 mg/L	119.23	340.6 mg/L	119.23	35.00%
Se 196.026†	733976.9	834.8 mg/L	121.76	834.8 mg/L	121.76	14.59%
Se 203.985†	-1278363.4	-2964 mg/L	421.9	-2964 mg/L	421.9	14.23%
Sn 189.927†	264833.6	246.6 mg/L	84.43	246.6 mg/L	84.43	34.24%
Sn 235.485†	-14902.5	-540.0 mg/L	197.31	-540.0 mg/L	197.31	36.54%
Sr 407.771†	-381158.3	-3.786 mg/L	0.0833	-3.786 mg/L	0.0833	2.20%
Sr 421.552†	-1779799.3	-11.07 mg/L	0.496	-11.07 mg/L	0.496	4.48%
Sr 460.733†	-195403.7	-27.13 mg/L	24.320	-27.13 mg/L	24.320	89.65%
Ti 334.940†	-60828.6	-7.250 mg/L	0.4267	-7.250 mg/L	0.4267	5.89%
Ti 336.121†	-112629.0	-15.80 mg/L	1.576	-15.80 mg/L	1.576	9.97%
Ti 337.279†	-87878.3	-31.71 mg/L	1.453	-31.71 mg/L	1.453	4.58%

Tl 190.801†	66056.5	100.9	mg/L	22.44	100.9	mg/L	22.44	22.24%
Tl 276.787†	3120342.1	949.6	mg/L	139.78	949.6	mg/L	139.78	14.72%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	-105902.3	-109.8	mg/L	3.47	-109.8	mg/L	3.47	3.16%
V 309.310†	5849.0	3.497	mg/L	4.3441	3.497	mg/L	4.3441	124.21%
V 310.230†	-73735121	-609.5	mg/L	74.72	-609.5	mg/L	74.72	12.26%
Zn 202.548†	-37654.4	-179.9	mg/L	17.71	-179.9	mg/L	17.71	9.85%
Zn 206.200†	-7146.9	-86.82	mg/L	14.358	-86.82	mg/L	14.358	16.54%
Zn 213.857†	-75791.9	-190.1	mg/L	12.98	-190.1	mg/L	12.98	6.83%

Sequence No.: 7
Sample ID: 2001AH03S01 Dup
Analyst:
Sample Wt:
Dilution: 2X

Autosampler Location: 19
Date Collected: 8/30/01 3:10:38 PM
Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S01 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	-33.6						2.80	8.33%
Y 360.073	242.1						24.12	9.96%
Ag 328.068†	1219007.4	7.592	mg/L	0.6542	15.18	mg/L	1.308	8.62%
Ag 338.289†	-2325975.4	-27.25	mg/L	6.073	-54.51	mg/L	12.147	22.29%
Al 308.215†	-483842.3	-2216	mg/L	172.1	-4433	mg/L	344.3	7.77%
Al 394.401†	-1348896.5	-2868	mg/L	257.3	-5735	mg/L	514.5	8.97%
Al 396.153†	-4873061.2	-2949	mg/L	293.9	-5898	mg/L	587.8	9.97%
As 188.979†	-2459.0	-946.6	mg/L	237.06	-1893	mg/L	474.1	25.04%
As 193.696†	-135277.3	-188.0	mg/L	37.13	-376.0	mg/L	74.26	19.75%
As 197.197†	2417.6	1282	mg/L	171.6	2565	mg/L	343.2	13.38%
B 208.889†	-80157.6	-3292	mg/L	427.7	-6584	mg/L	855.5	12.99%
B 249.677†	-124736.4	-506.7	mg/L	13.95	-1013	mg/L	27.9	2.75%
B 249.772†	-285576.8	-547.9	mg/L	41.35	-1096	mg/L	82.7	7.55%
Ba 233.527†	-234448.0	-404.0	mg/L	30.67	-808.1	mg/L	61.35	7.59%
Ba 455.403†	-26330679	-439.0	mg/L	38.76	-878.1	mg/L	77.53	8.83%
Ba 493.408†	-44272926	-436.8	mg/L	37.97	-873.5	mg/L	75.94	8.69%
Be 234.861†	-7100262.1	-26.02	mg/L	3.739	-52.05	mg/L	7.478	14.37%
Be 313.042†	450417.9	19.26	mg/L	1.784	38.51	mg/L	3.568	9.26%
Be 313.107†	450417.9	19.26	mg/L	1.784	38.51	mg/L	3.568	9.26%
Ca 315.887†	-12888786	-12660	mg/L	1129.1	-25310	mg/L	2258.1	8.92%
Ca 317.933†	-11798502	-12310	mg/L	1084.2	-24610	mg/L	2168.3	8.81%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-63230.0	-2.368	mg/L	0.3291	-4.737	mg/L	0.6581	13.89%
Cd 228.802†	-2892.8	-4.889	mg/L	7.0832	-9.778	mg/L	14.1664	144.88%
Ce 413.380†	343863.5	344.4	mg/L	18.39	688.8	mg/L	36.78	5.34%
Ce 413.764†	158929.7	158.2	mg/L	32.31	316.4	mg/L	64.63	20.43%
Ce 418.660†	857650.6	419.4	mg/L	10.44	838.7	mg/L	20.87	2.49%
Co 228.616†	1851734.1	58.21	mg/L	4.562	116.4	mg/L	9.12	7.84%
Co 230.786†	2679.0	18.37	mg/L	5.921	36.75	mg/L	11.843	32.22%
Co 238.892†	475.1	2.185	mg/L	5.8229	4.369	mg/L	11.6458	266.55%
Cr 205.560†	-1686.4	-76.13	mg/L	42.038	-152.3	mg/L	84.08	55.22%
Cr 267.716†	1016716.5	44.17	mg/L	4.215	88.35	mg/L	8.430	9.54%
Cr 283.563†	17244.9	20.69	mg/L	5.465	41.38	mg/L	10.930	26.42%
Cu 224.700†	-301238.3	-3361	mg/L	282.0	-6722	mg/L	564.0	8.39%
Cu 324.752†	-11432976	-2995	mg/L	280.5	-5991	mg/L	561.1	9.37%
Cu 327.393†	525595594	10250	mg/L	998.6	20500	mg/L	1997.2	9.74%
Fe 238.204†	-1569457.0	-2470	mg/L	222.0	-4940	mg/L	443.9	8.99%
Fe 239.562†	-1089150.5	-2473	mg/L	247.2	-4947	mg/L	494.5	10.00%
Fe 259.939†	-3222627.1	-2610	mg/L	233.7	-5221	mg/L	467.5	8.95%
Fe 273.955†	-606878.7	-2899	mg/L	287.4	-5798	mg/L	574.7	9.91%
K 766.490†	-2073942.2	-4691	mg/L	429.2	-9381	mg/L	858.5	9.15%
Li 610.362†	5357929.4	1138	mg/L	102.8	2276	mg/L	205.5	9.03%
Li 670.784†	-1942508.6	-49.65	mg/L	6.770	-99.30	mg/L	13.541	13.64%
Mg 279.077†	-526691.5	-2696	mg/L	376.4	-5391	mg/L	752.8	13.96%
Mg 280.271†	-71012910	-2250	mg/L	198.6	-4501	mg/L	397.2	8.82%
Mg 285.213†	-2013263.6	-2168	mg/L	199.1	-4336	mg/L	398.2	9.18%
Mn 257.610†	-400476.4	-70.66	mg/L	7.266	-141.3	mg/L	14.53	10.28%
Mn 259.372†	-495033.3	-63.30	mg/L	4.441	-126.6	mg/L	8.88	7.02%
Mn 260.568†	-232196.6	-59.50	mg/L	5.064	-119.0	mg/L	10.13	8.51%

Mo 202.031†	-1851.9	-61.80 mg/L	123.251	-123.6 mg/L	246.50	199.43%
Mo 203.845†	-6287.9	-388.9 mg/L	355.50	-777.9 mg/L	711.00	91.40%
Mo 204.597†	-256573.9	-41.31 mg/L	7.097	-82.63 mg/L	14.194	17.18%
Na 588.995†	-287940906	-80000 mg/L	7154.1	-160000 mg/L	14308.1	8.94%
Na 589.592†	-323424380	-85850 mg/L	7635.7	-171700 mg/L	15271.4	8.89%
Ni 221.648†	3741.5	111.2 mg/L	95.26	222.5 mg/L	190.51	85.63%
Ni 231.604†	60686.3	5.360 mg/L	6.9201	10.72 mg/L	13.840	129.10%
Ni 232.003†	314.6	4.751 mg/L	52.3434	9.503 mg/L	104.6868	>999.9%
Pb 217.000†	7351.3	750.3 mg/L	124.65	1501 mg/L	249.3	16.61%
Pb 220.353†	438066.9	185.7 mg/L	26.85	371.4 mg/L	53.69	14.46%
Sb 206.836†	-16553.2	-10.22 mg/L	19.260	-20.45 mg/L	38.519	188.36%
Sb 217.582†	879.6	130.6 mg/L	313.04	261.2 mg/L	626.08	239.67%
Se 196.026†	-33219.5	-37.78 mg/L	10.221	-75.56 mg/L	20.443	27.05%
Se 203.985†	-651823.0	-1511 mg/L	204.1	-3023 mg/L	408.2	13.50%
Sn 189.927†	5534.4	5.153 mg/L	15.7731	10.31 mg/L	31.546	306.09%
Sn 235.485†	-19253.4	-697.6 mg/L	210.38	-1395 mg/L	420.8	30.16%
Sr 407.771†	-2126117.9	-21.12 mg/L	1.920	-42.24 mg/L	3.840	9.09%
Sr 421.552†	-4665204.0	-29.00 mg/L	2.644	-58.01 mg/L	5.288	9.12%
Sr 460.733†	-25230.2	-3.503 mg/L	16.3183	-7.005 mg/L	32.6367	465.88%
Ti 334.940†	-316425.1	-37.71 mg/L	3.355	-75.43 mg/L	6.710	8.90%
Ti 336.121†	-345309.0	-48.44 mg/L	2.923	-96.87 mg/L	5.845	6.03%
Ti 337.279†	-191118.2	-68.95 mg/L	4.776	-137.9 mg/L	9.55	6.93%
Tl 190.801†	-48295.0	-73.77 mg/L	27.759	-147.5 mg/L	55.52	37.63%
Tl 276.787†	1088617.9	331.3 mg/L	87.28	662.6 mg/L	174.55	26.35%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	-106169.6	-110.1 mg/L	18.88	-220.1 mg/L	37.76	17.15%
V 309.310†	33991.6	20.33 mg/L	3.344	40.65 mg/L	6.687	16.45%
V 310.230†	-33591111	-277.7 mg/L	21.79	-555.3 mg/L	43.58	7.85%
Zn 202.548†	-45375.7	-191.6 mg/L	12.84	-383.2 mg/L	25.67	6.70%
Zn 206.200†	-4944.0	-60.06 mg/L	18.508	-120.1 mg/L	37.02	30.82%
Zn 213.857†	-84668.3	-210.3 mg/L	31.76	-420.6 mg/L	63.52	15.10%

Sequence No.: 8
Sample ID: 2001AH03S04
Analyst:
Sample Wt:
Dilution: 2X

Autosampler Location: 20
Date Collected: 8/30/01 3:14:59 PM

Sample Prep Volume:
Data Type: Original

noticed internal standard was out
restarted

Analysis Begun restarted after replacing internal standard

Start Time: 8/30/01 3:39:14 PM
Logged In Analyst: JVMORRIS
Spectrometer Model: Optima 3300 DV

Plasma On Time: 8/30/01 7:58:48 AM
Technique: ICP Continuous
Autosampler Model: AS-91

Sample Information File: D:\JVMORRIS\Sample Information\083001a.sif
Results Data Set: 083001a
Results Library: D:\JVMORRIS\Results\Results.mdb

8/30/01 3:40:55 PM Hg ReAlign... Actual peak offset (nm): 0.001
Drift (nm): -0.000 Slit adjustment: 2

Sequence No.: 2
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 3:40:57 PM
Sample Prep Volume:
Data Type: Original

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	116489.5						1048.26	0.90%
Y 360.073	2880636.5						26717.52	0.93%
Ag 328.068†	98.5	0.00061	mg/L	0.000274	0.00061	mg/L	0.000274	44.75%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	56.3	0.00066	mg/L	0.000445	0.00066	mg/L	0.000445	67.42%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	0.6	0.00291	mg/L	0.008466	0.00291	mg/L	0.008466	290.60%
QC value within limits for Al 308.215 Recovery = Not calculated								
Al 394.401†	4.9	0.01033	mg/L	0.006229	0.01033	mg/L	0.006229	60.30%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	-5.1	-0.00328	mg/L	0.006386	-0.00328	mg/L	0.006386	194.94%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	0.1	0.02119	mg/L	0.300465	0.02119	mg/L	0.300465	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
As 193.696†	2.6	0.00365	mg/L	0.002346	0.00365	mg/L	0.002346	64.33%
QC value within limits for As 193.696 Recovery = Not calculated								
As 197.197†	-0.2	-0.1012	mg/L	0.29779	-0.1012	mg/L	0.29779	294.13%
QC value within limits for As 197.197 Recovery = Not calculated								
B 208.889†	2.1	0.08749	mg/L	0.060991	0.08749	mg/L	0.060991	69.72%
QC value within limits for B 208.889 Recovery = Not calculated								
B 249.677†	-0.2	-0.00078	mg/L	0.003243	-0.00078	mg/L	0.003243	413.24%
QC value within limits for B 249.677 Recovery = Not calculated								
B 249.772†	0.4	0.00079	mg/L	0.001340	0.00079	mg/L	0.001340	170.45%
QC value within limits for B 249.772 Recovery = Not calculated								
Ba 233.527†	-0.3	-0.00047	mg/L	0.000615	-0.00047	mg/L	0.000615	131.84%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Ba 455.403†	-6.4	-0.00011	mg/L	0.000008	-0.00011	mg/L	0.000008	7.81%
QC value within limits for Ba 455.403 Recovery = Not calculated								
Ba 493.408†	-31.4	-0.00031	mg/L	0.000092	-0.00031	mg/L	0.000092	29.83%
QC value within limits for Ba 493.408 Recovery = Not calculated								
Be 234.861†	261.5	0.00096	mg/L	0.000033	0.00096	mg/L	0.000033	3.42%
QC value within limits for Be 234.861 Recovery = Not calculated								
Be 313.042†	-3.1	-0.00013	mg/L	0.000078	-0.00013	mg/L	0.000078	58.79%
QC value within limits for Be 313.042 Recovery = Not calculated								
Be 313.107†	-3.1	-0.00013	mg/L	0.000078	-0.00013	mg/L	0.000078	58.79%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 315.887†	0.5	0.00053	mg/L	0.003721	0.00053	mg/L	0.003721	699.81%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933†	-32.6	-0.03399	mg/L	0.004078	-0.03399	mg/L	0.004078	12.00%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Cd 226.502†	-8.0	-0.00030	mg/L	0.000048	-0.00030	mg/L	0.000048	16.19%

QC value within limits for Cd 226.502 Recovery = Not calculated

Cd 228.802†	0.2	0.00039 mg/L	0.000635	0.00039 mg/L	0.000635	164.60%

QC value within limits for Cd 228.802 Recovery = Not calculated

Ce 413.380†	-1.8	-0.00179 mg/L	0.010099	-0.00179 mg/L	0.010099	565.32%

QC value within limits for Ce 413.380 Recovery = Not calculated

Ce 413.764†	-8.1	-0.00804 mg/L	0.008599	-0.00804 mg/L	0.008599	106.93%

QC value within limits for Ce 413.764 Recovery = Not calculated

Ce 418.660†	-2.2	-0.00110 mg/L	0.004298	-0.00110 mg/L	0.004298	392.19%

QC value within limits for Ce 418.660 Recovery = Not calculated

Co 228.616†	-9.6	-0.00030 mg/L	0.000052	-0.00030 mg/L	0.000052	17.16%

QC value within limits for Co 228.616 Recovery = Not calculated

Co 230.786†	-0.6	-0.00432 mg/L	0.006824	-0.00432 mg/L	0.006824	157.86%

QC value within limits for Co 230.786 Recovery = Not calculated

Co 238.892†	-0.4	-0.00200 mg/L	0.003152	-0.00200 mg/L	0.003152	157.61%

QC value within limits for Co 238.892 Recovery = Not calculated

Cr 205.560†	-0.3	-0.01451 mg/L	0.030644	-0.01451 mg/L	0.030644	211.23%

QC value within limits for Cr 205.560 Recovery = Not calculated

Cr 267.716†	1.0	0.00004 mg/L	0.000092	0.00004 mg/L	0.000092	218.41%

QC value within limits for Cr 267.716 Recovery = Not calculated

Cr 283.563†	-5.4	-0.00652 mg/L	0.002692	-0.00652 mg/L	0.002692	41.26%

QC value within limits for Cr 283.563 Recovery = Not calculated

Cu 224.700†	0.0	0.00054 mg/L	0.011458	0.00054 mg/L	0.011458	>999.9%

QC value within limits for Cu 224.700 Recovery = Not calculated

Cu 324.752†	-21.0	-0.00550 mg/L	0.000232	-0.00550 mg/L	0.000232	4.21%

QC value within limits for Cu 324.752 Recovery = Not calculated

Cu 327.393†	-152.6	-0.00298 mg/L	0.000085	-0.00298 mg/L	0.000085	2.84%

QC value within limits for Cu 327.393 Recovery = Not calculated

Fe 238.204†	0.0	0.00008 mg/L	0.001784	0.00008 mg/L	0.001784	>999.9%

QC value within limits for Fe 238.204 Recovery = Not calculated

Fe 239.562†	1.0	0.00231 mg/L	0.001374	0.00231 mg/L	0.001374	59.40%

QC value within limits for Fe 239.562 Recovery = Not calculated

Fe 259.939†	-0.7	-0.00059 mg/L	0.000731	-0.00059 mg/L	0.000731	122.93%

QC value within limits for Fe 259.939 Recovery = Not calculated

Fe 273.955†	-0.8	-0.00361 mg/L	0.005303	-0.00361 mg/L	0.005303	146.83%

QC value within limits for Fe 273.955 Recovery = Not calculated

K 766.490†	-113.9	-0.2575 mg/L	0.09121	-0.2575 mg/L	0.09121	35.42%

QC value within limits for K 766.490 Recovery = Not calculated

Li 610.362†	97.0	0.02060 mg/L	0.008499	0.02060 mg/L	0.008499	41.26%

QC value within limits for Li 610.362 Recovery = Not calculated

Li 670.784†	-78.0	-0.00199 mg/L	0.001799	-0.00199 mg/L	0.001799	90.22%

QC value within limits for Li 670.784 Recovery = Not calculated

Mg 279.077†	3.1	0.01612 mg/L	0.006146	0.01612 mg/L	0.006146	38.13%

QC value within limits for Mg 279.077 Recovery = Not calculated

Mg 280.271†	-46.7	-0.00148 mg/L	0.000020	-0.00148 mg/L	0.000020	1.38%

QC value within limits for Mg 280.271 Recovery = Not calculated

Mg 285.213†	-0.6	-0.00061 mg/L	0.000547	-0.00061 mg/L	0.000547	88.95%

QC value within limits for Mg 285.213 Recovery = Not calculated

Mn 257.610†	-2.2	-0.00038 mg/L	0.000192	-0.00038 mg/L	0.000192	50.51%

QC value within limits for Mn 257.610 Recovery = Not calculated

Mn 259.372†	4.7	0.00064 mg/L	0.000812	0.00064 mg/L	0.000812	127.79%

QC value within limits for Mn 259.372 Recovery = Not calculated

Mn 260.568†	-1.8	-0.00046 mg/L	0.000446	-0.00046 mg/L	0.000446	97.00%

QC value within limits for Mn 260.568 Recovery = Not calculated

Mo 202.031†	0.0	0.00026 mg/L	0.027092	0.00026 mg/L	0.027092	>999.9%

QC value within limits for Mo 202.031 Recovery = Not calculated

Mo 203.845†	0.4	0.02778 mg/L	0.047563	0.02778 mg/L	0.047563	171.19%

QC value within limits for Mo 203.845 Recovery = Not calculated

Mo 204.597†	-11.4	-0.00184 mg/L	0.000286	-0.00184 mg/L	0.000286	15.56%

QC value within limits for Mo 204.597 Recovery = Not calculated

Na 588.995†	-225.6	-0.06268 mg/L	0.015329	-0.06268 mg/L	0.015329	24.46%

QC value within limits for Na 588.995 Recovery = Not calculated

Na 589.592†	-125.4	-0.03328 mg/L	0.015311	-0.03328 mg/L	0.015311	46.01%

QC value within limits for Na 589.592 Recovery = Not calculated

Ni 221.648†	0.0	0.00134 mg/L	0.003899	0.00134 mg/L	0.003899	291.40%

QC value within limits for Ni 221.648 Recovery = Not calculated

Ni 231.604†	-4.9	-0.00043 mg/L	0.000253	-0.00043 mg/L	0.000253	58.53%

QC value within limits for Ni 231.604 Recovery = Not calculated

Ni 232.003†	-0.2	-0.00232 mg/L	0.002739	-0.00232 mg/L	0.002739	117.95%

QC value within limits for Ni 232.003 Recovery = Not calculated

Pb 217.000†	-0.3	-0.02839 mg/L	0.072044	-0.02839 mg/L	0.072044	253.72%

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   QC value within limits for Pb 217.000  Recovery = Not calculated
Pb 220.353†              -4.3    -0.00184 mg/L     0.001104    -0.00184 mg/L     0.001104  60.05%
   QC value within limits for Pb 220.353  Recovery = Not calculated
Sb 206.836†               8.6     0.00534 mg/L     0.001334     0.00534 mg/L     0.001334  24.97%
   QC value within limits for Sb 206.836  Recovery = Not calculated
Sb 217.582†              -0.7     -0.1008 mg/L      0.14101     -0.1008 mg/L      0.14101 139.90%
   QC value within limits for Sb 217.582  Recovery = Not calculated
Se 196.026†               2.8     0.00323 mg/L     0.004522     0.00323 mg/L     0.004522 140.08%
   QC value within limits for Se 196.026  Recovery = Not calculated
Se 203.985†               7.4     0.01722 mg/L     0.002908     0.01722 mg/L     0.002908  16.89%
   QC value within limits for Se 203.985  Recovery = Not calculated
Sn 189.927†              -0.3    -0.00026 mg/L     0.001085    -0.00026 mg/L     0.001085 420.59%
   QC value within limits for Sn 189.927  Recovery = Not calculated
Sn 235.485†               3.3      0.1189 mg/L      0.03483      0.1189 mg/L      0.03483  29.29%
   QC value within limits for Sn 235.485  Recovery = Not calculated
Sr 407.771†              -0.7    -0.00001 mg/L     0.000013    -0.00001 mg/L     0.000013 177.81%
   QC value within limits for Sr 407.771  Recovery = Not calculated
Sr 421.552†               5.0     0.00003 mg/L     0.000038     0.00003 mg/L     0.000038 123.29%
   QC value within limits for Sr 421.552  Recovery = Not calculated
Sr 460.733†            -102.4    -0.01421 mg/L     0.002821    -0.01421 mg/L     0.002821  19.85%
   QC value within limits for Sr 460.733  Recovery = Not calculated
Ti 334.940†              -0.0     0.00000 mg/L     0.000188     0.00000 mg/L     0.000188 >999.9%
   QC value within limits for Ti 334.940  Recovery = Not calculated
Ti 336.121†              27.0     0.00378 mg/L     0.000252     0.00378 mg/L     0.000252   6.65%
   QC value within limits for Ti 336.121  Recovery = Not calculated
Ti 337.279†              -2.1    -0.00077 mg/L     0.001177    -0.00077 mg/L     0.001177 153.63%
   QC value within limits for Ti 337.279  Recovery = Not calculated
Tl 190.801†              -0.3    -0.00039 mg/L     0.000419    -0.00039 mg/L     0.000419 107.23%
   QC value within limits for Tl 190.801  Recovery = Not calculated
Tl 276.787†              28.3     0.00861 mg/L     0.003076     0.00861 mg/L     0.003076  35.73%
   QC value within limits for Tl 276.787  Recovery = Not calculated
Tl 351.924†               0.0     0.00000 mg/L     0.000000     0.00000 mg/L     0.000000   0.00%
   QC value within limits for Tl 351.924  Recovery = Not calculated
V 290.880†                2.1     0.00222 mg/L     0.001707     0.00222 mg/L     0.001707  76.81%
   QC value within limits for V 290.880  Recovery = Not calculated
V 309.310†               -9.2    -0.00549 mg/L     0.000298    -0.00549 mg/L     0.000298   5.43%
   QC value within limits for V 309.310  Recovery = Not calculated
V 310.230†            -4606.2    -0.03807 mg/L     0.000095    -0.03807 mg/L     0.000095   0.25%
   QC value within limits for V 310.230  Recovery = Not calculated
Zn 202.548†               1.1     0.00520 mg/L     0.001963     0.00520 mg/L     0.001963  37.74%
   QC value within limits for Zn 202.548  Recovery = Not calculated
Zn 206.200†               0.1     0.00071 mg/L     0.001313     0.00071 mg/L     0.001313 184.02%
   QC value within limits for Zn 206.200  Recovery = Not calculated
Zn 213.857†              -0.9    -0.00225 mg/L     0.001904    -0.00225 mg/L     0.001904  84.55%
   QC value within limits for Zn 213.857  Recovery = Not calculated
All analytes passed QC.
```

Sequence No.: 3
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 3:45:26 PM

Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	117217.9						560.92	0.48%
Y 360.073	2891375.6						15486.89	0.54%
Ag 328.068†	27725.6	0.1727	mg/L	0.00257	0.1727	mg/L	0.00257	1.49%
Ag 338.289†	14979.0	0.1755	mg/L	0.00293	0.1755	mg/L	0.00293	1.67%
Al 308.215†	223.4	1.023	mg/L	0.0034	1.023	mg/L	0.0034	0.33%
QC value within limits for Al 308.215 Recovery = 102.34%								
Al 394.401†	486.3	1.034	mg/L	0.0118	1.034	mg/L	0.0118	1.14%
QC value within limits for Al 394.401 Recovery = 103.38%								
Al 396.153†	1697.4	1.027	mg/L	0.0044	1.027	mg/L	0.0044	0.43%
QC value within limits for Al 396.153 Recovery = 102.70%								
As 188.979†	4.8	1.856	mg/L	0.1566	1.856	mg/L	0.1566	8.44%
QC value within limits for As 188.979 Recovery = 92.82%								

As 193.696†	1511.2	2.100 mg/L	0.0083	2.100 mg/L	0.0083	0.39%
QC value within limits for As 193.696 Recovery = 105.01%						
As 197.197†	3.9	2.053 mg/L	0.2059	2.053 mg/L	0.2059	10.03%
QC value within limits for As 197.197 Recovery = 102.66%						
B 208.889†	23.6	0.9710 mg/L	0.03343	0.9710 mg/L	0.03343	3.44%
QC value within limits for B 208.889 Recovery = 97.10%						
B 249.677†	239.3	0.9722 mg/L	0.00750	0.9722 mg/L	0.00750	0.77%
QC value within limits for B 249.677 Recovery = 97.22%						
B 249.772†	505.3	0.9694 mg/L	0.00681	0.9694 mg/L	0.00681	0.70%
QC value within limits for B 249.772 Recovery = 96.94%						
Ba 233.527†	570.3	0.9829 mg/L	0.00144	0.9829 mg/L	0.00144	0.15%
QC value within limits for Ba 233.527 Recovery = 98.29%						
Ba 455.403†	60255.0	1.005 mg/L	0.0024	1.005 mg/L	0.0024	0.24%
QC value within limits for Ba 455.403 Recovery = 100.47%						
Ba 493.408†	102492.1	1.011 mg/L	0.0023	1.011 mg/L	0.0023	0.23%
QC value within limits for Ba 493.408 Recovery = 101.11%						
Be 234.861†	360539.9	1.321 mg/L	0.0167	1.321 mg/L	0.0167	1.27%
QC value greater than the upper limit for Be 234.861 Recovery = 132.14%						
Be 313.042†	23560.6	1.007 mg/L	0.0028	1.007 mg/L	0.0028	0.28%
QC value within limits for Be 313.042 Recovery = 100.72%						
Be 313.107†	23560.6	1.007 mg/L	0.0028	1.007 mg/L	0.0028	0.28%
QC value within limits for Be 313.107 Recovery = 100.72%						
Ca 315.887†	1101.7	1.082 mg/L	0.0054	1.082 mg/L	0.0054	0.50%
QC value within limits for Ca 315.887 Recovery = 108.17%						
Ca 317.933†	965.2	1.007 mg/L	0.0019	1.007 mg/L	0.0019	0.19%
QC value within limits for Ca 317.933 Recovery = 100.68%						
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value less than the lower limit for Cd 214.440 Recovery = 0.00%						
Cd 226.502†	26912.2	1.008 mg/L	0.0149	1.008 mg/L	0.0149	1.48%
QC value within limits for Cd 226.502 Recovery = 100.80%						
Cd 228.802†	558.8	0.9444 mg/L	0.01065	0.9444 mg/L	0.01065	1.13%
QC value within limits for Cd 228.802 Recovery = 94.44%						
Ce 413.380†	983.2	0.9848 mg/L	0.04107	0.9848 mg/L	0.04107	4.17%
QC value within limits for Ce 413.380 Recovery = 98.48%						
Ce 413.764†	1008.5	1.004 mg/L	0.0043	1.004 mg/L	0.0043	0.43%
QC value within limits for Ce 413.764 Recovery = 100.37%						
Ce 418.660†	2102.4	1.028 mg/L	0.0230	1.028 mg/L	0.0230	2.24%
QC value within limits for Ce 418.660 Recovery = 102.80%						
Co 228.616†	29964.7	0.9419 mg/L	0.01169	0.9419 mg/L	0.01169	1.24%
QC value within limits for Co 228.616 Recovery = 94.19%						
Co 230.786†	143.5	0.9844 mg/L	0.00239	0.9844 mg/L	0.00239	0.24%
QC value within limits for Co 230.786 Recovery = 98.44%						
Co 238.892†	207.5	0.9540 mg/L	0.00411	0.9540 mg/L	0.00411	0.43%
QC value within limits for Co 238.892 Recovery = 95.40%						
Cr 205.560†	21.9	0.9906 mg/L	0.02265	0.9906 mg/L	0.02265	2.29%
QC value within limits for Cr 205.560 Recovery = 99.06%						
Cr 267.716†	22436.6	0.9748 mg/L	0.01470	0.9748 mg/L	0.01470	1.51%
QC value within limits for Cr 267.716 Recovery = 97.48%						
Cr 283.563†	1097.7	1.317 mg/L	0.0037	1.317 mg/L	0.0037	0.28%
QC value greater than the upper limit for Cr 283.563 Recovery = 131.69%						
Cu 224.700†	99.3	1.108 mg/L	0.0163	1.108 mg/L	0.0163	1.48%
QC value greater than the upper limit for Cu 224.700 Recovery = 110.79%						
Cu 324.752†	3614.2	0.9469 mg/L	0.00318	0.9469 mg/L	0.00318	0.34%
QC value within limits for Cu 324.752 Recovery = 94.69%						
Cu 327.393†	49454.1	0.9646 mg/L	0.01618	0.9646 mg/L	0.01618	1.68%
QC value within limits for Cu 327.393 Recovery = 96.46%						
Fe 238.204†	619.0	0.9741 mg/L	0.00403	0.9741 mg/L	0.00403	0.41%
QC value within limits for Fe 238.204 Recovery = 97.41%						
Fe 239.562†	429.4	0.9751 mg/L	0.01315	0.9751 mg/L	0.01315	1.35%
QC value within limits for Fe 239.562 Recovery = 97.51%						
Fe 259.939†	1267.8	1.027 mg/L	0.0046	1.027 mg/L	0.0046	0.44%
QC value within limits for Fe 259.939 Recovery = 102.70%						
Fe 273.955†	240.3	1.148 mg/L	0.0125	1.148 mg/L	0.0125	1.09%
QC value greater than the upper limit for Fe 273.955 Recovery = 114.80%						
K 766.490†	2309.2	5.223 mg/L	0.0297	5.223 mg/L	0.0297	0.57%
QC value within limits for K 766.490 Recovery = 104.45%						
Li 610.362†	4948.6	1.051 mg/L	0.0119	1.051 mg/L	0.0119	1.13%
QC value within limits for Li 610.362 Recovery = 105.10%						
Li 670.784†	40412.1	1.033 mg/L	0.0016	1.033 mg/L	0.0016	0.15%
QC value within limits for Li 670.784 Recovery = 103.29%						

Mg 279.077†	210.8	1.079 mg/L	0.0103	1.079 mg/L	0.0103	0.96%
QC value within limits for Mg 279.077 Recovery = 107.87%						
Mg 280.271†	33343.6	1.057 mg/L	0.0025	1.057 mg/L	0.0025	0.24%
QC value within limits for Mg 280.271 Recovery = 105.66%						
Mg 285.213†	953.6	1.027 mg/L	0.0040	1.027 mg/L	0.0040	0.39%
QC value within limits for Mg 285.213 Recovery = 102.70%						
Mn 257.610†	5731.8	1.011 mg/L	0.0051	1.011 mg/L	0.0051	0.50%
QC value within limits for Mn 257.610 Recovery = 101.13%						
Mn 259.372†	7373.6	0.9868 mg/L	0.00757	0.9868 mg/L	0.00757	0.77%
QC value within limits for Mn 259.372 Recovery = 98.68%						
Mn 260.568†	3479.2	0.8915 mg/L	0.00093	0.8915 mg/L	0.00093	0.10%
QC value less than the lower limit for Mn 260.568 Recovery = 89.15%						
Mo 202.031†	25.6	0.8534 mg/L	0.01944	0.8534 mg/L	0.01944	2.28%
QC value less than the lower limit for Mo 202.031 Recovery = 85.34%						
Mo 203.845†	14.3	0.8870 mg/L	0.04649	0.8870 mg/L	0.04649	5.24%
QC value less than the lower limit for Mo 203.845 Recovery = 88.70%						
Mo 204.597†	5375.4	0.8655 mg/L	0.01701	0.8655 mg/L	0.01701	1.96%
QC value less than the lower limit for Mo 204.597 Recovery = 86.55%						
Na 588.995†	3611.9	1.003 mg/L	0.0134	1.003 mg/L	0.0134	1.33%
Na 589.592†	3888.3	1.032 mg/L	0.0204	1.032 mg/L	0.0204	1.98%
Ni 221.648†	30.9	0.9173 mg/L	0.03249	0.9173 mg/L	0.03249	3.54%
QC value within limits for Ni 221.648 Recovery = 91.73%						
Ni 231.604†	12227.4	1.080 mg/L	0.0169	1.080 mg/L	0.0169	1.56%
QC value within limits for Ni 231.604 Recovery = 108.00%						
Ni 232.003†	64.0	0.9671 mg/L	0.02780	0.9671 mg/L	0.02780	2.87%
QC value within limits for Ni 232.003 Recovery = 96.71%						
Pb 217.000†	19.6	1.997 mg/L	0.1387	1.997 mg/L	0.1387	6.94%
QC value within limits for Pb 217.000 Recovery = 99.86%						
Pb 220.353†	4601.5	1.951 mg/L	0.0217	1.951 mg/L	0.0217	1.11%
QC value within limits for Pb 220.353 Recovery = 97.54%						
Sb 206.836†	3175.6	1.962 mg/L	0.0131	1.962 mg/L	0.0131	0.67%
QC value within limits for Sb 206.836 Recovery = 98.08%						
Sb 217.582†	12.3	1.826 mg/L	0.1074	1.826 mg/L	0.1074	5.88%
QC value within limits for Sb 217.582 Recovery = 91.30%						
Se 196.026†	974.3	1.108 mg/L	0.0157	1.108 mg/L	0.0157	1.41%
QC value greater than the upper limit for Se 196.026 Recovery = 110.81%						
Se 203.985†	491.0	1.139 mg/L	0.0098	1.139 mg/L	0.0098	0.86%
QC value greater than the upper limit for Se 203.985 Recovery = 113.85%						
Sn 189.927†	4954.8	4.613 mg/L	0.0623	4.613 mg/L	0.0623	1.35%
QC value within limits for Sn 189.927 Recovery = 92.27%						
Sn 235.485†	132.4	4.796 mg/L	0.1744	4.796 mg/L	0.1744	3.64%
QC value within limits for Sn 235.485 Recovery = 95.92%						
Sr 407.771†	109044.1	1.083 mg/L	0.0029	1.083 mg/L	0.0029	0.27%
QC value within limits for Sr 407.771 Recovery = 108.31%						
Sr 421.552†	161548.5	1.004 mg/L	0.0021	1.004 mg/L	0.0021	0.21%
QC value within limits for Sr 421.552 Recovery = 100.44%						
Sr 460.733†	7323.6	1.017 mg/L	0.0088	1.017 mg/L	0.0088	0.86%
QC value within limits for Sr 460.733 Recovery = 101.67%						
Ti 334.940†	7643.3	0.9110 mg/L	0.00140	0.9110 mg/L	0.00140	0.15%
QC value within limits for Ti 334.940 Recovery = 91.10%						
Ti 336.121†	6520.5	0.9146 mg/L	0.00139	0.9146 mg/L	0.00139	0.15%
QC value within limits for Ti 336.121 Recovery = 91.46%						
Ti 337.279†	2536.6	0.9151 mg/L	0.00367	0.9151 mg/L	0.00367	0.40%
QC value within limits for Ti 337.279 Recovery = 91.51%						
Tl 190.801†	3551.2	5.424 mg/L	0.0186	5.424 mg/L	0.0186	0.34%
QC value within limits for Tl 190.801 Recovery = 108.49%						
Tl 276.787†	16046.2	4.883 mg/L	0.0742	4.883 mg/L	0.0742	1.52%
QC value within limits for Tl 276.787 Recovery = 97.66%						
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
QC value less than the lower limit for Tl 351.924 Recovery = 0.00%						
V 290.880†	915.0	0.9486 mg/L	0.01141	0.9486 mg/L	0.01141	1.20%
QC value within limits for V 290.880 Recovery = 94.86%						
V 309.310†	1754.4	1.049 mg/L	0.0082	1.049 mg/L	0.0082	0.78%
QC value within limits for V 309.310 Recovery = 104.91%						
V 310.230†	110568.5	0.9139 mg/L	0.01527	0.9139 mg/L	0.01527	1.67%
QC value within limits for V 310.230 Recovery = 91.39%						
Zn 202.548†	206.1	0.9751 mg/L	0.01818	0.9751 mg/L	0.01818	1.86%
QC value within limits for Zn 202.548 Recovery = 97.51%						
Zn 206.200†	82.5	1.002 mg/L	0.0057	1.002 mg/L	0.0057	0.57%
QC value within limits for Zn 206.200 Recovery = 100.16%						

Zn 213.857†	399.8	0.9965 mg/L	0.01322	0.9965 mg/L	0.01322	1.33%

QC value within limits for Zn 213.857 Recovery = 99.65%
QC Failed. Continue with analysis.

Sequence No.: 4
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 3:49:57 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	118302.9						873.67	0.74%
Y 360.073	2882556.3						19026.12	0.66%
Ag 328.068†	7703.5	0.04798	mg/L	0.001549	0.04798	mg/L	0.001549	3.23%
QC value within limits for Ag 328.068 Recovery = 95.96%								
Ag 338.289†	4146.8	0.04859	mg/L	0.001291	0.04859	mg/L	0.001291	2.66%
QC value within limits for Ag 338.289 Recovery = 97.17%								
Al 308.215†	2.4	0.01097	mg/L	0.001903	0.01097	mg/L	0.001903	17.34%
Al 394.401†	6.8	0.01455	mg/L	0.003638	0.01455	mg/L	0.003638	25.01%
Al 396.153†	22.4	0.01250	mg/L	0.000897	0.01250	mg/L	0.000897	7.17%
As 188.979†	-0.1	-0.04296	mg/L	0.340977	-0.04296	mg/L	0.340977	793.72%
As 193.696†	3.0	0.00416	mg/L	0.001406	0.00416	mg/L	0.001406	33.84%
As 197.197†	0.3	0.1646	mg/L	0.36673	0.1646	mg/L	0.36673	222.84%
B 208.889†	2.5	0.1034	mg/L	0.09812	0.1034	mg/L	0.09812	94.91%
B 249.677†	5.5	0.02234	mg/L	0.011060	0.02234	mg/L	0.011060	49.51%
B 249.772†	11.8	0.02257	mg/L	0.001510	0.02257	mg/L	0.001510	6.69%
Ba 233.527†	-0.5	-0.00079	mg/L	0.000811	-0.00079	mg/L	0.000811	102.11%
Ba 455.403†	15.1	0.00025	mg/L	0.000066	0.00025	mg/L	0.000066	26.16%
Ba 493.408†	30.5	0.00030	mg/L	0.000182	0.00030	mg/L	0.000182	60.65%
Be 234.861†	290.9	0.00107	mg/L	0.000013	0.00107	mg/L	0.000013	1.25%
Be 313.042†	3.0	0.00013	mg/L	0.000086	0.00013	mg/L	0.000086	67.64%
Be 313.107†	3.0	0.00013	mg/L	0.000086	0.00013	mg/L	0.000086	67.64%
Ca 315.887†	22.7	0.02229	mg/L	0.002760	0.02229	mg/L	0.002760	12.38%
Ca 317.933†	-8.1	-0.00845	mg/L	0.000405	-0.00845	mg/L	0.000405	4.79%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-1.5	-0.00006	mg/L	0.000162	-0.00006	mg/L	0.000162	289.21%
Cd 228.802†	-0.0	-0.00006	mg/L	0.002165	-0.00006	mg/L	0.002165	>999.9%
Ce 413.380†	-9.0	-0.00904	mg/L	0.013052	-0.00904	mg/L	0.013052	144.31%
Ce 413.764†	-4.0	-0.00394	mg/L	0.006758	-0.00394	mg/L	0.006758	171.35%
Ce 418.660†	-4.0	-0.00193	mg/L	0.003179	-0.00193	mg/L	0.003179	164.50%
Co 228.616†	-9.0	-0.00028	mg/L	0.000210	-0.00028	mg/L	0.000210	74.03%
Co 230.786†	-1.0	-0.00663	mg/L	0.001865	-0.00663	mg/L	0.001865	28.12%
Co 238.892†	0.2	0.00096	mg/L	0.003298	0.00096	mg/L	0.003298	345.05%
Cr 205.560†	-0.2	-0.01101	mg/L	0.039309	-0.01101	mg/L	0.039309	357.12%
Cr 267.716†	15.4	0.00067	mg/L	0.000295	0.00067	mg/L	0.000295	43.97%
Cr 283.563†	-3.3	-0.00390	mg/L	0.002858	-0.00390	mg/L	0.002858	73.25%
Cu 224.700†	1.0	0.01101	mg/L	0.010056	0.01101	mg/L	0.010056	91.35%
Cu 324.752†	-15.2	-0.00399	mg/L	0.000274	-0.00399	mg/L	0.000274	6.87%
Cu 327.393†	-84.3	-0.00164	mg/L	0.000231	-0.00164	mg/L	0.000231	14.06%
Fe 238.204†	1.6	0.00257	mg/L	0.001382	0.00257	mg/L	0.001382	53.71%
Fe 239.562†	0.9	0.00209	mg/L	0.001385	0.00209	mg/L	0.001385	66.31%
Fe 259.939†	2.1	0.00167	mg/L	0.000265	0.00167	mg/L	0.000265	15.89%
Fe 273.955†	0.3	0.00127	mg/L	0.005528	0.00127	mg/L	0.005528	436.63%
K 766.490†	-52.1	-0.1179	mg/L	0.01125	-0.1179	mg/L	0.01125	9.55%
Li 610.362†	75.1	0.01596	mg/L	0.015002	0.01596	mg/L	0.015002	94.02%
Li 670.784†	103.9	0.00266	mg/L	0.001947	0.00266	mg/L	0.001947	73.31%
Mg 279.077†	5.6	0.02886	mg/L	0.004987	0.02886	mg/L	0.004987	17.28%
Mg 280.271†	187.4	0.00594	mg/L	0.000078	0.00594	mg/L	0.000078	1.32%
Mg 285.213†	5.8	0.00620	mg/L	0.000329	0.00620	mg/L	0.000329	5.30%
Mn 257.610†	0.5	0.00008	mg/L	0.000168	0.00008	mg/L	0.000168	211.54%
Mn 259.372†	2.0	0.00011	mg/L	0.000186	0.00011	mg/L	0.000186	164.30%
Mn 260.568†	0.6	0.00016	mg/L	0.000354	0.00016	mg/L	0.000354	227.86%
Mo 202.031†	0.9	0.03120	mg/L	0.013899	0.03120	mg/L	0.013899	44.54%
Mo 203.845†	-0.4	-0.02585	mg/L	0.035316	-0.02585	mg/L	0.035316	136.62%
Mo 204.597†	3.9	0.00062	mg/L	0.000329	0.00062	mg/L	0.000329	52.95%
Na 588.995†	-49.0	-0.01362	mg/L	0.007831	-0.01362	mg/L	0.007831	57.49%

Na 589.592†	-72.8	-0.01933	mg/L	0.007362	-0.01933	mg/L	0.007362	38.09%
Ni 221.648†	0.9	0.02555	mg/L	0.025482	0.02555	mg/L	0.025482	99.73%
Ni 231.604†	5.3	0.00047	mg/L	0.000403	0.00047	mg/L	0.000403	86.00%
Ni 232.003†	0.3	0.00430	mg/L	0.001674	0.00430	mg/L	0.001674	38.93%
Pb 217.000†	-0.4	-0.03586	mg/L	0.097937	-0.03586	mg/L	0.097937	273.08%
Pb 220.353†	2.4	0.00104	mg/L	0.001621	0.00104	mg/L	0.001621	156.52%
Sb 206.836†	13.7	0.00848	mg/L	0.002386	0.00848	mg/L	0.002386	28.13%
Sb 217.582†	-0.2	-0.03076	mg/L	0.046345	-0.03076	mg/L	0.046345	150.69%
Se 196.026†	6.7	0.00767	mg/L	0.001948	0.00767	mg/L	0.001948	25.38%
Se 203.985†	8.4	0.01945	mg/L	0.007053	0.01945	mg/L	0.007053	36.25%
Sn 189.927†	4.2	0.00387	mg/L	0.001529	0.00387	mg/L	0.001529	39.53%
Sn 235.485†	2.3	0.08253	mg/L	0.047819	0.08253	mg/L	0.047819	57.94%
Sr 407.771†	43.3	0.00043	mg/L	0.000109	0.00043	mg/L	0.000109	25.24%
Sr 421.552†	75.4	0.00047	mg/L	0.000085	0.00047	mg/L	0.000085	18.08%
Sr 460.733†	-64.6	-0.00897	mg/L	0.013642	-0.00897	mg/L	0.013642	152.05%
Ti 334.940†	3.4	0.00040	mg/L	0.000175	0.00040	mg/L	0.000175	43.64%
Ti 336.121†	35.5	0.00498	mg/L	0.000214	0.00498	mg/L	0.000214	4.29%
Ti 337.279†	-1.1	-0.00041	mg/L	0.000577	-0.00041	mg/L	0.000577	139.93%
Tl 190.801†	2.2	0.00343	mg/L	0.002172	0.00343	mg/L	0.002172	63.32%
Tl 276.787†	26.5	0.00805	mg/L	0.001398	0.00805	mg/L	0.001398	17.36%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	4.1	0.00425	mg/L	0.000619	0.00425	mg/L	0.000619	14.56%
V 309.310†	-6.8	-0.00405	mg/L	0.002233	-0.00405	mg/L	0.002233	55.17%
V 310.230†	-4656.2	-0.03849	mg/L	0.000514	-0.03849	mg/L	0.000514	1.34%
Zn 202.548†	2.8	0.01341	mg/L	0.007059	0.01341	mg/L	0.007059	52.65%
Zn 206.200†	1.2	0.01492	mg/L	0.005366	0.01492	mg/L	0.005366	35.96%
Zn 213.857†	1.7	0.00419	mg/L	0.004626	0.00419	mg/L	0.004626	110.38%

All analytes passed QC.

Sequence No.: 5
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 3:54:25 PM
Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	114494.6						305.19	0.27%
Y 360.073	2821327.7						34480.46	1.22%
Ag 328.068†	104.0	0.00065	mg/L	0.000277	0.00065	mg/L	0.000277	42.84%
Ag 338.289†	85.0	0.00100	mg/L	0.000401	0.00100	mg/L	0.000401	40.31%
Al 308.215†	21306.7	97.60	mg/L	1.241	97.60	mg/L	1.241	1.27%
QC value within limits for Al 308.215 Recovery = 97.60%								
Al 394.401†	46301.9	98.43	mg/L	1.283	98.43	mg/L	1.283	1.30%
Al 396.153†	161890.7	98.15	mg/L	0.432	98.15	mg/L	0.432	0.44%
As 188.979†	-0.5	-0.1747	mg/L	0.41289	-0.1747	mg/L	0.41289	236.37%
As 193.696†	10.9	0.01513	mg/L	0.001055	0.01513	mg/L	0.001055	6.97%
As 197.197†	0.3	0.1649	mg/L	0.24191	0.1649	mg/L	0.24191	146.69%
B 208.889†	1.5	0.06003	mg/L	0.045432	0.06003	mg/L	0.045432	75.68%
B 249.677†	1.1	0.00436	mg/L	0.008149	0.00436	mg/L	0.008149	186.79%
B 249.772†	66.9	0.1283	mg/L	0.00286	0.1283	mg/L	0.00286	2.23%
Ba 233.527†	1.6	0.00274	mg/L	0.000717	0.00274	mg/L	0.000717	26.14%
Ba 455.403†	15.8	0.00026	mg/L	0.000063	0.00026	mg/L	0.000063	23.74%
Ba 493.408†	98.4	0.00097	mg/L	0.000196	0.00097	mg/L	0.000196	20.15%
Be 234.861†	-74396.0	-0.2727	mg/L	0.00607	-0.2727	mg/L	0.00607	2.23%
Be 313.042†	3.1	0.00013	mg/L	0.000010	0.00013	mg/L	0.000010	7.89%
Be 313.107†	3.1	0.00013	mg/L	0.000010	0.00013	mg/L	0.000010	7.89%
Ca 315.887†	101832.3	99.99	mg/L	0.395	99.99	mg/L	0.395	0.39%
QC value within limits for Ca 315.887 Recovery = 99.99%								
Ca 317.933†	93070.1	97.08	mg/L	0.493	97.08	mg/L	0.493	0.51%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	39.6	0.00148	mg/L	0.000120	0.00148	mg/L	0.000120	8.07%
Cd 228.802†	0.1	0.00018	mg/L	0.000360	0.00018	mg/L	0.000360	204.94%
Ce 413.380†	14.0	0.01406	mg/L	0.006509	0.01406	mg/L	0.006509	46.31%
Ce 413.764†	-6.5	-0.00647	mg/L	0.004242	-0.00647	mg/L	0.004242	65.57%
Ce 418.660†	18.0	0.00880	mg/L	0.008870	0.00880	mg/L	0.008870	100.85%
Co 228.616†	-51.4	-0.00161	mg/L	0.000079	-0.00161	mg/L	0.000079	4.89%

Co 230.786†	-0.3	-0.00196 mg/L	0.004575	-0.00196 mg/L	0.004575	233.98%
Co 238.892†	27.3	0.1257 mg/L	0.01199	0.1257 mg/L	0.01199	9.54%
Cr 205.560†	-0.8	-0.03749 mg/L	0.010184	-0.03749 mg/L	0.010184	27.17%
Cr 267.716†	-23.3	-0.00101 mg/L	0.000066	-0.00101 mg/L	0.000066	6.52%
Cr 283.563†	1.1	0.00129 mg/L	0.002747	0.00129 mg/L	0.002747	212.31%
Cu 224.700†	1.4	0.01513 mg/L	0.016857	0.01513 mg/L	0.016857	111.40%
Cu 324.752†	-13.6	-0.00357 mg/L	0.000531	-0.00357 mg/L	0.000531	14.89%
Cu 327.393†	-15.3	-0.00030 mg/L	0.000962	-0.00030 mg/L	0.000962	322.17%
Fe 238.204†	58078.8	91.40 mg/L	0.267	91.40 mg/L	0.267	0.29%
Fe 239.562†	39456.2	89.61 mg/L	1.056	89.61 mg/L	1.056	1.18%
Fe 259.939†	119189.3	96.55 mg/L	0.478	96.55 mg/L	0.478	0.49%
Fe 273.955†	22085.8	105.5 mg/L	1.38	105.5 mg/L	1.38	1.31%
QC value within limits for Fe 273.955 Recovery = 105.51%						
K 766.490†	46555.1	105.3 mg/L	1.36	105.3 mg/L	1.36	1.29%
QC value within limits for K 766.490 Recovery = 105.29%						
Li 610.362†	-189.1	-0.04017 mg/L	0.012338	-0.04017 mg/L	0.012338	30.71%
Li 670.784†	211.6	0.00541 mg/L	0.001199	0.00541 mg/L	0.001199	22.16%
Mg 279.077†	11615.0	59.45 mg/L	0.607	59.45 mg/L	0.607	1.02%
QC value within limits for Mg 279.077 Recovery = 99.08%						
Mg 280.271†	1807604.1	57.28 mg/L	0.233	57.28 mg/L	0.233	0.41%
Mg 285.213†	51698.6	55.68 mg/L	0.260	55.68 mg/L	0.260	0.47%
Mn 257.610†	16.4	0.00290 mg/L	0.000095	0.00290 mg/L	0.000095	3.28%
Mn 259.372†	798.4	-0.00093 mg/L	0.001162	-0.00093 mg/L	0.001162	125.52%
Mn 260.568†	6.5	0.00167 mg/L	0.000387	0.00167 mg/L	0.000387	23.11%
Mo 202.031†	-1.8	-0.05884 mg/L	0.053221	-0.05884 mg/L	0.053221	90.46%
Mo 203.845†	0.9	0.05824 mg/L	0.150400	0.05824 mg/L	0.150400	258.22%
Mo 204.597†	6.1	0.00099 mg/L	0.000342	0.00099 mg/L	0.000342	34.65%
Na 588.995†	353009.7	98.07 mg/L	0.466	98.07 mg/L	0.466	0.48%
Na 589.592†	386009.7	102.5 mg/L	0.41	102.5 mg/L	0.41	0.40%
QC value within limits for Na 589.592 Recovery = 102.47%						
Ni 221.648†	0.4	0.01242 mg/L	0.010678	0.01242 mg/L	0.010678	85.95%
Ni 231.604†	12.7	0.00112 mg/L	0.000245	0.00112 mg/L	0.000245	21.97%
Ni 232.003†	-0.2	-0.00354 mg/L	0.028748	-0.00354 mg/L	0.028748	810.96%
Pb 217.000†	0.3	0.02827 mg/L	0.034120	0.02827 mg/L	0.034120	120.71%
Pb 220.353†	3.2	0.00135 mg/L	0.001205	0.00135 mg/L	0.001205	89.04%
Sb 206.836†	10.7	0.00661 mg/L	0.002590	0.00661 mg/L	0.002590	39.19%
Sb 217.582†	-0.3	-0.03909 mg/L	0.142292	-0.03909 mg/L	0.142292	364.06%
Se 196.026†	-8.1	-0.00924 mg/L	0.003312	-0.00924 mg/L	0.003312	35.86%
Se 203.985†	12.3	0.02845 mg/L	0.003866	0.02845 mg/L	0.003866	13.59%
Sn 189.927†	-6.4	-0.00600 mg/L	0.001581	-0.00600 mg/L	0.001581	26.34%
Sn 235.485†	88.9	3.221 mg/L	0.1374	3.221 mg/L	0.1374	4.27%
Sr 407.771†	310.0	0.00308 mg/L	0.000106	0.00308 mg/L	0.000106	3.44%
Sr 421.552†	516.6	0.00321 mg/L	0.000059	0.00321 mg/L	0.000059	1.83%
Sr 460.733†	-92.0	-0.01277 mg/L	0.004569	-0.01277 mg/L	0.004569	35.77%
Ti 334.940†	4.4	0.00052 mg/L	0.000257	0.00052 mg/L	0.000257	49.44%
Ti 336.121†	38.1	0.00534 mg/L	0.000126	0.00534 mg/L	0.000126	2.35%
Ti 337.279†	5.2	0.00187 mg/L	0.001329	0.00187 mg/L	0.001329	71.05%
Tl 190.801†	4.5	0.00688 mg/L	0.002822	0.00688 mg/L	0.002822	41.05%
Tl 276.787†	4286.0	1.304 mg/L	0.0453	1.304 mg/L	0.0453	3.47%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	5.8	0.00598 mg/L	0.002817	0.00598 mg/L	0.002817	47.14%
V 309.310†	-99.6	-0.05956 mg/L	0.007596	-0.05956 mg/L	0.007596	12.75%
V 310.230†	-4412.6	-0.03647 mg/L	0.001540	-0.03647 mg/L	0.001540	4.22%
Zn 202.548†	5.0	0.01992 mg/L	0.005960	0.01992 mg/L	0.005960	29.92%
Zn 206.200†	-2.2	-0.02643 mg/L	0.005308	-0.02643 mg/L	0.005308	20.08%
Zn 213.857†	16.6	0.03240 mg/L	0.002322	0.03240 mg/L	0.002322	7.17%

All analytes passed QC.

Sequence No.: 6
Sample ID: RLC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/30/01 3:59:04 PM

Sample Prep Volume:
Data Type: Original

Mean Data: RLC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	115291.7						2577.14	2.24%

Y 360.073	2856437.2				32953.33	1.15%
Ag 328.068†	383.6	0.00239 mg/L	0.000383	0.00239 mg/L	0.000383	16.01%
Ag 338.289†	234.6	0.00275 mg/L	0.000697	0.00275 mg/L	0.000697	25.37%
Al 308.215†	16.3	0.07467 mg/L	0.006920	0.07467 mg/L	0.006920	9.27%
Al 394.401†	45.2	0.09600 mg/L	0.007208	0.09600 mg/L	0.007208	7.51%
Al 396.153†	138.0	0.08356 mg/L	0.005653	0.08356 mg/L	0.005653	6.76%
As 188.979†	-0.8	-0.3007 mg/L	0.41545	-0.3007 mg/L	0.41545	138.15%
As 193.696†	14.9	0.02074 mg/L	0.002075	0.02074 mg/L	0.002075	10.01%
As 197.197†	-0.3	-0.1731 mg/L	0.26078	-0.1731 mg/L	0.26078	150.68%
B 208.889†	2.1	0.08696 mg/L	0.033091	0.08696 mg/L	0.033091	38.05%
B 249.677†	13.8	0.05601 mg/L	0.010414	0.05601 mg/L	0.010414	18.59%
B 249.772†	28.3	0.05433 mg/L	0.000619	0.05433 mg/L	0.000619	1.14%
Ba 233.527†	1.2	0.00204 mg/L	0.001411	0.00204 mg/L	0.001411	69.10%
Ba 455.403†	134.4	0.00224 mg/L	0.000147	0.00224 mg/L	0.000147	6.57%
Ba 493.408†	225.5	0.00222 mg/L	0.000175	0.00222 mg/L	0.000175	7.86%
Be 234.861†	598.8	0.00219 mg/L	0.000037	0.00219 mg/L	0.000037	1.68%
Be 313.042†	16.4	0.00070 mg/L	0.000088	0.00070 mg/L	0.000088	12.49%
Be 313.107†	16.4	0.00070 mg/L	0.000088	0.00070 mg/L	0.000088	12.49%
Ca 315.887†	122.3	0.1201 mg/L	0.01344	0.1201 mg/L	0.01344	11.19%
Ca 317.933†	74.9	0.07816 mg/L	0.006825	0.07816 mg/L	0.006825	8.73%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	19.5	0.00073 mg/L	0.000083	0.00073 mg/L	0.000083	11.40%
Cd 228.802†	0.8	0.00128 mg/L	0.001677	0.00128 mg/L	0.001677	130.86%
Ce 413.380†	31.7	0.03171 mg/L	0.017862	0.03171 mg/L	0.017862	56.34%
Ce 413.764†	35.6	0.03542 mg/L	0.007273	0.03542 mg/L	0.007273	20.53%
Ce 418.660†	74.4	0.03639 mg/L	0.006811	0.03639 mg/L	0.006811	18.72%
Co 228.616†	39.1	0.00123 mg/L	0.000151	0.00123 mg/L	0.000151	12.25%
Co 230.786†	-0.2	-0.00148 mg/L	0.002454	-0.00148 mg/L	0.002454	166.23%
Co 238.892†	0.5	0.00229 mg/L	0.001581	0.00229 mg/L	0.001581	69.17%
Cr 205.560†	-0.1	-0.00387 mg/L	0.004695	-0.00387 mg/L	0.004695	121.16%
Cr 267.716†	71.6	0.00311 mg/L	0.000122	0.00311 mg/L	0.000122	3.93%
Cr 283.563†	0.3	0.00030 mg/L	0.001691	0.00030 mg/L	0.001691	559.41%
Cu 224.700†	0.8	0.00863 mg/L	0.007031	0.00863 mg/L	0.007031	81.51%
Cu 324.752†	-3.5	-0.00091 mg/L	0.000773	-0.00091 mg/L	0.000773	84.66%
Cu 327.393†	67.5	0.00132 mg/L	0.000517	0.00132 mg/L	0.000517	39.29%
Fe 238.204†	22.5	0.03535 mg/L	0.004645	0.03535 mg/L	0.004645	13.14%
Fe 239.562†	14.7	0.03341 mg/L	0.003661	0.03341 mg/L	0.003661	10.96%
Fe 259.939†	43.3	0.03511 mg/L	0.004731	0.03511 mg/L	0.004731	13.48%
Fe 273.955†	8.2	0.03919 mg/L	0.004447	0.03919 mg/L	0.004447	11.35%
K 766.490†	506.6	1.146 mg/L	0.0476	1.146 mg/L	0.0476	4.16%
Li 610.362†	183.9	0.03906 mg/L	0.021818	0.03906 mg/L	0.021818	55.86%
Li 670.784†	956.3	0.02444 mg/L	0.003214	0.02444 mg/L	0.003214	13.15%
Mg 279.077†	5.5	0.02822 mg/L	0.015875	0.02822 mg/L	0.015875	56.25%
Mg 280.271†	845.0	0.02678 mg/L	0.002272	0.02678 mg/L	0.002272	8.48%
Mg 285.213†	25.0	0.02688 mg/L	0.002556	0.02688 mg/L	0.002556	9.51%
Mn 257.610†	9.3	0.00164 mg/L	0.000350	0.00164 mg/L	0.000350	21.34%
Mn 259.372†	18.6	0.00231 mg/L	0.000511	0.00231 mg/L	0.000511	22.14%
Mn 260.568†	5.9	0.00150 mg/L	0.000249	0.00150 mg/L	0.000249	16.63%
Mo 202.031†	0.9	0.03071 mg/L	0.020709	0.03071 mg/L	0.020709	67.44%
Mo 203.845†	-0.4	-0.02614 mg/L	0.103504	-0.02614 mg/L	0.103504	395.98%
Mo 204.597†	6.4	0.00103 mg/L	0.000358	0.00103 mg/L	0.000358	34.68%
Na 588.995†	2070.7	0.5753 mg/L	0.03122	0.5753 mg/L	0.03122	5.43%
Na 589.592†	2247.0	0.5965 mg/L	0.01833	0.5965 mg/L	0.01833	3.07%
Ni 221.648†	0.6	0.01870 mg/L	0.012407	0.01870 mg/L	0.012407	66.36%
Ni 231.604†	23.9	0.00211 mg/L	0.000052	0.00211 mg/L	0.000052	2.47%
Ni 232.003†	0.1	0.00130 mg/L	0.005552	0.00130 mg/L	0.005552	426.22%
Pb 217.000†	0.8	0.07831 mg/L	0.026775	0.07831 mg/L	0.026775	34.19%
Pb 220.353†	19.9	0.00844 mg/L	0.001816	0.00844 mg/L	0.001816	21.52%
Sb 206.836†	17.9	0.01106 mg/L	0.000103	0.01106 mg/L	0.000103	0.93%
Sb 217.582†	-0.5	-0.07686 mg/L	0.147973	-0.07686 mg/L	0.147973	192.52%
Se 196.026†	34.0	0.03868 mg/L	0.001849	0.03868 mg/L	0.001849	4.78%
Se 203.985†	23.1	0.05355 mg/L	0.002239	0.05355 mg/L	0.002239	4.18%
Sn 189.927†	9.0	0.00837 mg/L	0.002053	0.00837 mg/L	0.002053	24.53%
Sn 235.485†	3.0	0.1069 mg/L	0.05018	0.1069 mg/L	0.05018	46.94%
Sr 407.771†	137.8	0.00137 mg/L	0.000014	0.00137 mg/L	0.000014	1.06%
Sr 421.552†	197.2	0.00123 mg/L	0.000113	0.00123 mg/L	0.000113	9.20%
Sr 460.733†	-88.7	-0.01232 mg/L	0.013066	-0.01232 mg/L	0.013066	106.08%
Ti 334.940†	19.2	0.00229 mg/L	0.000348	0.00229 mg/L	0.000348	15.21%
Ti 336.121†	47.9	0.00671 mg/L	0.000149	0.00671 mg/L	0.000149	2.22%
Ti 337.279†	6.8	0.00247 mg/L	0.000451	0.00247 mg/L	0.000451	18.30%

Tl 190.801†	7.9	0.01206 mg/L	0.002956	0.01206 mg/L	0.002956	24.51%
Tl 276.787†	50.9	0.01549 mg/L	0.000809	0.01549 mg/L	0.000809	5.22%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	9.5	0.00985 mg/L	0.003230	0.00985 mg/L	0.003230	32.80%
V 309.310†	-0.2	-0.00010 mg/L	0.000885	-0.00010 mg/L	0.000885	910.56%
V 310.230†	-4055.8	-0.03352 mg/L	0.000248	-0.03352 mg/L	0.000248	0.74%
Zn 202.548†	13.9	0.06634 mg/L	0.003465	0.06634 mg/L	0.003465	5.22%
Zn 206.200†	4.3	0.05186 mg/L	0.007569	0.05186 mg/L	0.007569	14.59%
Zn 213.857†	18.9	0.04744 mg/L	0.002954	0.04744 mg/L	0.002954	6.23%

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Sequence No.: 7
Sample ID: 2001AH03S01 Dup
Analyst:
Sample Wt:
Dilution: 2X

noted
dilution
looked
low

Autosampler Location: 19
Date Collected: 8/30/01 4:03:34 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S01 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	112833.1						1597.41	1.42%
Y 360.073	2869551.2						30734.27	1.07%
Ag 328.068†	174.4	0.00109	mg/L	0.000331	0.00217	mg/L	0.000662	30.47%
Ag 338.289†	-1.4	-0.00002	mg/L	0.000818	-0.00003	mg/L	0.001635	>999.9%
Al 308.215†	175.5	0.8040	mg/L	0.01477	1.608	mg/L	0.0295	1.84%
Al 394.401†	395.3	0.8404	mg/L	0.00690	1.681	mg/L	0.0138	0.82%
Al 396.153†	1324.5	0.8015	mg/L	0.01181	1.603	mg/L	0.0236	1.47%
As 188.979†	-0.8	-0.3006	mg/L	0.25622	-0.6011	mg/L	0.51244	85.24%
As 193.696†	2.8	0.00394	mg/L	0.001622	0.00788	mg/L	0.003244	41.18%
As 197.197†	-0.4	-0.1974	mg/L	0.07311	-0.3948	mg/L	0.14622	37.03%
B 208.889†	5.4	0.2234	mg/L	0.04604	0.4467	mg/L	0.09208	20.61%
B 249.677†	38.1	0.1547	mg/L	0.01512	0.3095	mg/L	0.03025	9.77%
B 249.772†	81.4	0.1561	mg/L	0.00444	0.3123	mg/L	0.00889	2.85%
Ba 233.527†	69.4	0.1197	mg/L	0.00280	0.2393	mg/L	0.00560	2.34%
Ba 455.403†	7456.4	0.1243	mg/L	0.00078	0.2487	mg/L	0.00156	0.63%
Ba 493.408†	12620.7	0.1245	mg/L	0.00081	0.2490	mg/L	0.00161	0.65%
Be 234.861†	-288.7	-0.00106	mg/L	0.000051	-0.00212	mg/L	0.000103	4.86%
Be 313.042†	-12.0	-0.00051	mg/L	0.000021	-0.00103	mg/L	0.000043	4.18%
Be 313.107†	-12.0	-0.00051	mg/L	0.000021	-0.00103	mg/L	0.000043	4.18%
Ca 315.887†	3717.0	3.650	mg/L	0.0492	7.299	mg/L	0.0984	1.35%
Ca 317.933†	3307.2	3.450	mg/L	0.0228	6.899	mg/L	0.0456	0.66%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	9.7	0.00036	mg/L	0.000044	0.00073	mg/L	0.000088	12.04%
Cd 228.802†	-0.2	-0.00026	mg/L	0.000278	-0.00053	mg/L	0.000556	105.09%
Ce 413.380†	-7.7	-0.00767	mg/L	0.010219	-0.01533	mg/L	0.020437	133.28%
Ce 413.764†	-5.6	-0.00562	mg/L	0.006648	-0.01124	mg/L	0.013297	118.34%
Ce 418.660†	0.9	0.00043	mg/L	0.004123	0.00086	mg/L	0.008245	953.62%
Co 228.616†	6.0	0.00019	mg/L	0.000400	0.00038	mg/L	0.000801	212.73%
Co 230.786†	-0.9	-0.00626	mg/L	0.001711	-0.01252	mg/L	0.003422	27.35%
Co 238.892†	-0.0	-0.00019	mg/L	0.002540	-0.00038	mg/L	0.005081	>999.9%
Cr 205.560†	-0.3	-0.01332	mg/L	0.033126	-0.02664	mg/L	0.066253	248.68%
Cr 267.716†	91.2	0.00396	mg/L	0.000111	0.00793	mg/L	0.000222	2.80%
Cr 283.563†	0.0	0.00004	mg/L	0.002400	0.00008	mg/L	0.004799	>999.9%
Cu 224.700†	86.8	0.9684	mg/L	0.02081	1.937	mg/L	0.0416	2.15%
Cu 324.752†	3137.1	0.8219	mg/L	0.00308	1.644	mg/L	0.0062	0.38%
Cu 327.393†	44017.5	0.8585	mg/L	0.00754	1.717	mg/L	0.0151	0.88%
Fe 238.204†	458.8	0.7221	mg/L	0.01018	1.444	mg/L	0.0204	1.41%
Fe 239.562†	312.4	0.7096	mg/L	0.01090	1.419	mg/L	0.0218	1.54%
Fe 259.939†	932.8	0.7556	mg/L	0.00855	1.511	mg/L	0.0171	1.13%
Fe 273.955†	174.7	0.8347	mg/L	0.01146	1.669	mg/L	0.0229	1.37%
K 766.490†	487.1	1.102	mg/L	0.0373	2.203	mg/L	0.0746	3.39%
Li 610.362†	28.6	0.00607	mg/L	0.001450	0.01213	mg/L	0.002901	23.91%
Li 670.784†	-159.2	-0.00407	mg/L	0.000406	-0.00814	mg/L	0.000813	9.99%
Mg 279.077†	124.7	0.6380	mg/L	0.04947	1.276	mg/L	0.0989	7.75%
Mg 280.271†	19901.7	0.6307	mg/L	0.00231	1.261	mg/L	0.0046	0.37%
Mg 285.213†	580.8	0.6255	mg/L	0.00676	1.251	mg/L	0.0135	1.08%
Mn 257.610†	108.7	0.01918	mg/L	0.000160	0.03837	mg/L	0.000320	0.83%
Mn 259.372†	149.8	0.01906	mg/L	0.001144	0.03812	mg/L	0.002289	6.00%
Mn 260.568†	66.3	0.01699	mg/L	0.000642	0.03398	mg/L	0.001285	3.78%

Mo 202.031†	1.4	0.04669 mg/L	0.026603	0.09339 mg/L	0.053207	56.97%
Mo 203.845†	-0.5	-0.02881 mg/L	0.044972	-0.05762 mg/L	0.089944	156.10%
Mo 204.597†	-3.2	-0.00052 mg/L	0.000583	-0.00103 mg/L	0.001167	112.80%
Na 588.995†	85021.0	23.62 mg/L	0.094	47.24 mg/L	0.188	0.40%
Na 589.592†	91618.4	24.32 mg/L	0.113	48.64 mg/L	0.225	0.46%
Ni 221.648†	-0.8	-0.02366 mg/L	0.019495	-0.04731 mg/L	0.038989	82.40%
Ni 231.604†	28.8	0.00255 mg/L	0.000313	0.00509 mg/L	0.000625	12.28%
Ni 232.003†	0.2	0.00236 mg/L	0.015036	0.00472 mg/L	0.030072	637.58%
Pb 217.000†	-0.1	-0.00728 mg/L	0.061890	-0.01456 mg/L	0.123780	850.20%
Pb 220.353†	28.9	0.01225 mg/L	0.000656	0.02449 mg/L	0.001312	5.36%
Sb 206.836†	12.3	0.00760 mg/L	0.002971	0.01519 mg/L	0.005943	39.11%
Sb 217.582†	0.0	0.00266 mg/L	0.054649	0.00531 mg/L	0.109297	>999.9%
Se 196.026†	7.0	0.00795 mg/L	0.005371	0.01589 mg/L	0.010743	67.60%
Se 203.985†	9.6	0.02221 mg/L	0.003056	0.04442 mg/L	0.006112	13.76%
Sn 189.927†	1.3	0.00117 mg/L	0.001422	0.00234 mg/L	0.002844	121.51%
Sn 235.485†	3.9	0.1426 mg/L	0.12660	0.2852 mg/L	0.25320	88.79%
Sr 407.771†	619.8	0.00616 mg/L	0.000046	0.01231 mg/L	0.000093	0.75%
Sr 421.552†	912.0	0.00567 mg/L	0.000058	0.01134 mg/L	0.000116	1.02%
Sr 460.733†	-8.9	-0.00123 mg/L	0.004011	-0.00246 mg/L	0.008022	325.96%
Ti 334.940†	90.9	0.01084 mg/L	0.000270	0.02167 mg/L	0.000540	2.49%
Ti 336.121†	109.1	0.01531 mg/L	0.000767	0.03062 mg/L	0.001534	5.01%
Ti 337.279†	29.4	0.01060 mg/L	0.000799	0.02120 mg/L	0.001598	7.54%
Tl 190.801†	0.4	0.00066 mg/L	0.000885	0.00133 mg/L	0.001769	133.49%
Tl 276.787†	47.0	0.01429 mg/L	0.005017	0.02858 mg/L	0.010034	35.11%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	7.1	0.00736 mg/L	0.003160	0.01471 mg/L	0.006320	42.96%
V 309.310†	-8.6	-0.00514 mg/L	0.000128	-0.01028 mg/L	0.000256	2.49%
V 310.230†	-4327.1	-0.03577 mg/L	0.000665	-0.07153 mg/L	0.001330	1.86%
Zn 202.548†	10.6	0.04348 mg/L	0.005019	0.08697 mg/L	0.010037	11.54%
Zn 206.200†	3.3	0.04056 mg/L	0.001190	0.08112 mg/L	0.002379	2.93%
Zn 213.857†	18.2	0.04515 mg/L	0.005033	0.09030 mg/L	0.010065	11.15%

Sequence No.: 8
Sample ID: 2001AH03S04
Analyst:
Sample Wt:
Dilution: 2X

noticed dilution looked low

Autosampler Location: 20
Date Collected: 8/30/01 4:08:00 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S04

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	116923.7						790.66	0.68%
Y 360.073	2877805.9						44655.27	1.55%
Ag 328.068†	148.5	0.00092	mg/L	0.000276	0.00185	mg/L	0.000553	29.89%
Ag 338.289†	75.0	0.00088	mg/L	0.000634	0.00176	mg/L	0.001267	72.12%
Al 308.215†	118.1	0.5409	mg/L	0.01001	1.082	mg/L	0.0200	1.85%
Al 394.401†	260.1	0.5530	mg/L	0.01918	1.106	mg/L	0.0384	3.47%
Al 396.153†	874.5	0.5285	mg/L	0.01156	1.057	mg/L	0.0231	2.19%
As 188.979†	0.2	0.08596	mg/L	0.126923	0.1719	mg/L	0.25385	147.65%
As 193.696†	2.6	0.00363	mg/L	0.001509	0.00726	mg/L	0.003018	41.58%
As 197.197†	0.3	0.1510	mg/L	0.18222	0.3020	mg/L	0.36445	120.68%
B 208.889†	4.1	0.1702	mg/L	0.03308	0.3404	mg/L	0.06616	19.44%
B 249.677†	32.3	0.1314	mg/L	0.01188	0.2628	mg/L	0.02376	9.04%
B 249.772†	72.4	0.1390	mg/L	0.00437	0.2779	mg/L	0.00873	3.14%
Ba 233.527†	59.2	0.1020	mg/L	0.00191	0.2041	mg/L	0.00382	1.87%
Ba 455.403†	6283.9	0.1048	mg/L	0.00070	0.2095	mg/L	0.00140	0.67%
Ba 493.408†	10691.2	0.1055	mg/L	0.00010	0.2109	mg/L	0.00019	0.09%
Be 234.861†	148.5	0.00054	mg/L	0.000043	0.00109	mg/L	0.000086	7.93%
Be 313.042†	-4.3	-0.00018	mg/L	0.000035	-0.00037	mg/L	0.000070	19.09%
Be 313.107†	-4.3	-0.00018	mg/L	0.000035	-0.00037	mg/L	0.000070	19.09%
Ca 315.887†	1759.4	1.728	mg/L	0.0282	3.455	mg/L	0.0564	1.63%
Ca 317.933†	1571.5	1.639	mg/L	0.0239	3.278	mg/L	0.0479	1.46%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-4.2	-0.00016	mg/L	0.000136	-0.00032	mg/L	0.000273	86.05%
Cd 228.802†	-0.3	-0.00052	mg/L	0.000515	-0.00104	mg/L	0.001031	99.59%
Ce 413.380†	-13.6	-0.01365	mg/L	0.004887	-0.02731	mg/L	0.009773	35.79%
Ce 413.764†	-9.0	-0.00900	mg/L	0.000861	-0.01801	mg/L	0.001723	9.57%
Ce 418.660†	0.4	0.00020	mg/L	0.001572	0.00040	mg/L	0.003143	780.69%

Co 228.616†	3.0	0.00009 mg/L	0.000455	0.00019 mg/L	0.000910	490.49%
Co 230.786†	-0.7	-0.00513 mg/L	0.006035	-0.01027 mg/L	0.012070	117.55%
Co 238.892†	0.5	0.00212 mg/L	0.001411	0.00424 mg/L	0.002822	66.58%
Cr 205.560†	-0.5	-0.02155 mg/L	0.008442	-0.04309 mg/L	0.016883	39.18%
Cr 267.716†	61.4	0.00267 mg/L	0.000158	0.00534 mg/L	0.000316	5.92%
Cr 283.563†	-3.8	-0.00455 mg/L	0.001578	-0.00911 mg/L	0.003156	34.66%
Cu 224.700†	69.7	0.7777 mg/L	0.00935	1.555 mg/L	0.0187	1.20%
Cu 324.752†	2588.5	0.6782 mg/L	0.00754	1.356 mg/L	0.0151	1.11%
Cu 327.393†	35622.9	0.6948 mg/L	0.02638	1.390 mg/L	0.0528	3.80%
Fe 238.204†	105.8	0.1665 mg/L	0.00272	0.3330 mg/L	0.00545	1.64%
Fe 239.562†	74.4	0.1690 mg/L	0.00219	0.3379 mg/L	0.00437	1.29%
Fe 259.939†	214.9	0.1741 mg/L	0.00203	0.3482 mg/L	0.00407	1.17%
Fe 273.955†	40.1	0.1913 mg/L	0.01210	0.3827 mg/L	0.02419	6.32%
K 766.490†	387.0	0.8753 mg/L	0.05367	1.751 mg/L	0.1073	6.13%
Li 610.362†	165.8	0.03521 mg/L	0.016078	0.07043 mg/L	0.032156	45.66%
Li 670.784†	-177.4	-0.00453 mg/L	0.001021	-0.00907 mg/L	0.002042	22.51%
Mg 279.077†	88.3	0.4517 mg/L	0.01955	0.9034 mg/L	0.03911	4.33%
Mg 280.271†	14599.8	0.4627 mg/L	0.00263	0.9253 mg/L	0.00527	0.57%
Mg 285.213†	419.2	0.4515 mg/L	0.00414	0.9029 mg/L	0.00829	0.92%
Mn 257.610†	272.6	0.04809 mg/L	0.000743	0.09618 mg/L	0.001487	1.55%
Mn 259.372†	355.5	0.04739 mg/L	0.001113	0.09478 mg/L	0.002225	2.35%
Mn 260.568†	163.8	0.04197 mg/L	0.000288	0.08393 mg/L	0.000576	0.69%
Mo 202.031†	1.5	0.04896 mg/L	0.023721	0.09791 mg/L	0.047441	48.45%
Mo 203.845†	0.2	0.01176 mg/L	0.117863	0.02353 mg/L	0.235725	>999.9%
Mo 204.597†	-11.4	-0.00184 mg/L	0.000499	-0.00368 mg/L	0.000998	27.13%
Na 588.995†	77855.1	21.63 mg/L	0.089	43.26 mg/L	0.177	0.41%
Na 589.592†	83598.7	22.19 mg/L	0.077	44.38 mg/L	0.154	0.35%
Ni 221.648†	-0.5	-0.01410 mg/L	0.014644	-0.02821 mg/L	0.029288	103.83%
Ni 231.604†	30.1	0.00266 mg/L	0.000338	0.00531 mg/L	0.000675	12.71%
Ni 232.003†	-0.7	-0.01082 mg/L	0.008738	-0.02164 mg/L	0.017477	80.74%
Pb 217.000†	0.1	0.00772 mg/L	0.085063	0.01545 mg/L	0.170126	>999.9%
Pb 220.353†	13.2	0.00562 mg/L	0.001233	0.01123 mg/L	0.002467	21.96%
Sb 206.836†	7.2	0.00446 mg/L	0.001616	0.00893 mg/L	0.003231	36.19%
Sb 217.582†	-0.2	-0.02667 mg/L	0.095112	-0.05334 mg/L	0.190223	356.60%
Se 196.026†	7.7	0.00879 mg/L	0.004250	0.01758 mg/L	0.008501	48.34%
Se 203.985†	10.1	0.02331 mg/L	0.002940	0.04662 mg/L	0.005880	12.61%
Sn 189.927†	0.0	0.00002 mg/L	0.000757	0.00004 mg/L	0.001514	>999.9%
Sn 235.485†	3.1	0.1122 mg/L	0.02061	0.2245 mg/L	0.04123	18.37%
Sr 407.771†	249.7	0.00248 mg/L	0.000037	0.00496 mg/L	0.000074	1.49%
Sr 421.552†	368.5	0.00229 mg/L	0.000104	0.00458 mg/L	0.000208	4.55%
Sr 460.733†	-60.4	-0.00839 mg/L	0.008688	-0.01677 mg/L	0.017376	103.59%
Ti 334.940†	44.5	0.00530 mg/L	0.000105	0.01060 mg/L	0.000210	1.98%
Ti 336.121†	67.6	0.00949 mg/L	0.000148	0.01897 mg/L	0.000295	1.56%
Ti 337.279†	10.1	0.00366 mg/L	0.000701	0.00732 mg/L	0.001402	19.16%
Tl 190.801†	1.0	0.00148 mg/L	0.003267	0.00296 mg/L	0.006534	220.83%
Tl 276.787†	33.7	0.01025 mg/L	0.003710	0.02050 mg/L	0.007420	36.19%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	4.6	0.00473 mg/L	0.001225	0.00946 mg/L	0.002450	25.91%
V 309.310†	-6.8	-0.00409 mg/L	0.000717	-0.00818 mg/L	0.001434	17.53%
V 310.230†	-4564.7	-0.03773 mg/L	0.000796	-0.07546 mg/L	0.001592	2.11%
Zn 202.548†	12.0	0.05167 mg/L	0.006542	0.1033 mg/L	0.01308	12.66%
Zn 206.200†	4.2	0.05131 mg/L	0.002279	0.1026 mg/L	0.00456	4.44%
Zn 213.857†	18.7	0.04656 mg/L	0.002902	0.09311 mg/L	0.005804	6.23%

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Analysis Begun

Start Time: 8/30/01 4:14:21 PM
Logged In Analyst: JVMORRIS
Spectrometer Model: Optima 3300 DV

Plasma On Time: 8/30/01 7:58:48 AM
Technique: ICP Continuous
Autosampler Model: AS-91

Sample Information File: D:\JVMORRIS\Sample Information\083001a.sif
Results Data Set: 083001a
Results Library: D:\JVMORRIS\Results\Results.mdb

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Sequence No.: 8
Sample ID: 2001AH03S04
Analyst:
Sample Wt:

restarted to get sequence right

Autosampler Location: 20
Date Collected: 8/30/01 4:14:21 PM

Sample Prep Volume:

Dilution: 2X Data Type: Original

Mean Data: 2001AH03S04

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	116819.4						1032.21	0.88%
Y 360.073	2890955.6						43613.49	1.51%
Ag 328.068†	148.5	0.00092	mg/L	0.000359	0.00185	mg/L	0.000717	38.79%
Ag 338.289†	40.7	0.00048	mg/L	0.000020	0.00095	mg/L	0.000040	4.24%
Al 308.215†	116.0	0.5316	mg/L	0.00617	1.063	mg/L	0.0123	1.16%
Al 394.401†	259.1	0.5507	mg/L	0.00673	1.101	mg/L	0.0135	1.22%
Al 396.153†	887.2	0.5365	mg/L	0.00514	1.073	mg/L	0.0103	0.96%
As 188.979†	0.3	0.1123	mg/L	0.34862	0.2247	mg/L	0.69724	310.33%
As 193.696†	3.1	0.00431	mg/L	0.001127	0.00861	mg/L	0.002253	26.17%
As 197.197†	0.1	0.03881	mg/L	0.227055	0.07762	mg/L	0.454110	585.03%
B 208.889†	4.9	0.2027	mg/L	0.03340	0.4054	mg/L	0.06681	16.48%
B 249.677†	31.3	0.1270	mg/L	0.00735	0.2540	mg/L	0.01470	5.79%
B 249.772†	66.0	0.1266	mg/L	0.00226	0.2532	mg/L	0.00452	1.79%
Ba 233.527†	58.7	0.1012	mg/L	0.00159	0.2025	mg/L	0.00318	1.57%
Ba 455.403†	6284.9	0.1048	mg/L	0.00036	0.2096	mg/L	0.00071	0.34%
Ba 493.408†	10626.1	0.1048	mg/L	0.00093	0.2097	mg/L	0.00185	0.88%
Be 234.861†	140.8	0.00052	mg/L	0.000049	0.00103	mg/L	0.000098	9.49%
Be 313.042†	-3.5	-0.00015	mg/L	0.000094	-0.00030	mg/L	0.000187	62.46%
Be 313.107†	-3.5	-0.00015	mg/L	0.000094	-0.00030	mg/L	0.000187	62.46%
Ca 315.887†	1773.7	1.742	mg/L	0.0213	3.483	mg/L	0.0426	1.22%
Ca 317.933†	1585.0	1.653	mg/L	0.0216	3.306	mg/L	0.0432	1.31%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-7.2	-0.00027	mg/L	0.000117	-0.00054	mg/L	0.000234	43.36%
Cd 228.802†	-0.2	-0.00036	mg/L	0.001277	-0.00072	mg/L	0.002554	355.55%
Ce 413.380†	-11.3	-0.01131	mg/L	0.004615	-0.02262	mg/L	0.009230	40.80%
Ce 413.764†	-0.4	-0.00039	mg/L	0.011128	-0.00077	mg/L	0.022257	>999.9%
Ce 418.660†	10.3	0.00502	mg/L	0.009104	0.01004	mg/L	0.018208	181.34%
Co 228.616†	-6.0	-0.00019	mg/L	0.000063	-0.00038	mg/L	0.000127	33.67%
Co 230.786†	-0.4	-0.00244	mg/L	0.007390	-0.00488	mg/L	0.014780	302.90%
Co 238.892†	0.2	0.00092	mg/L	0.003948	0.00184	mg/L	0.007897	428.77%
Cr 205.560†	-0.1	-0.00302	mg/L	0.023379	-0.00605	mg/L	0.046757	773.18%
Cr 267.716†	63.1	0.00274	mg/L	0.000197	0.00549	mg/L	0.000395	7.19%
Cr 283.563†	-2.0	-0.00242	mg/L	0.001315	-0.00483	mg/L	0.002631	54.44%
Cu 224.700†	72.3	0.8068	mg/L	0.01218	1.614	mg/L	0.0244	1.51%
Cu 324.752†	2594.6	0.6798	mg/L	0.00551	1.360	mg/L	0.0110	0.81%
Cu 327.393†	35750.6	0.6973	mg/L	0.01110	1.395	mg/L	0.0222	1.59%
Fe 238.204†	104.3	0.1642	mg/L	0.00247	0.3284	mg/L	0.00493	1.50%
Fe 239.562†	73.5	0.1670	mg/L	0.00410	0.3341	mg/L	0.00820	2.45%
Fe 259.939†	213.9	0.1732	mg/L	0.00242	0.3465	mg/L	0.00484	1.40%
Fe 273.955†	40.7	0.1943	mg/L	0.00311	0.3885	mg/L	0.00622	1.60%
K 766.490†	336.7	0.7616	mg/L	0.01006	1.523	mg/L	0.0201	1.32%
Li 610.362†	50.0	0.01062	mg/L	0.006557	0.02123	mg/L	0.013115	61.76%
Li 670.784†	-148.9	-0.00381	mg/L	0.001577	-0.00761	mg/L	0.003155	41.45%
Mg 279.077†	89.2	0.4564	mg/L	0.02092	0.9127	mg/L	0.04184	4.58%
Mg 280.271†	14630.9	0.4636	mg/L	0.00280	0.9273	mg/L	0.00560	0.60%
Mg 285.213†	419.4	0.4517	mg/L	0.00561	0.9034	mg/L	0.01122	1.24%
Mn 257.610†	275.7	0.04865	mg/L	0.000940	0.09731	mg/L	0.001879	1.93%
Mn 259.372†	366.5	0.04888	mg/L	0.000261	0.09777	mg/L	0.000522	0.53%
Mn 260.568†	163.8	0.04197	mg/L	0.000734	0.08395	mg/L	0.001468	1.75%
Mo 202.031†	1.4	0.04671	mg/L	0.035263	0.09343	mg/L	0.070525	75.49%
Mo 203.845†	-0.5	-0.02920	mg/L	0.050615	-0.05841	mg/L	0.101230	173.32%
Mo 204.597†	-10.2	-0.00165	mg/L	0.000419	-0.00330	mg/L	0.000837	25.39%
Na 588.995†	77758.0	21.60	mg/L	0.084	43.21	mg/L	0.168	0.39%
Na 589.592†	83510.2	22.17	mg/L	0.046	44.34	mg/L	0.092	0.21%
Ni 221.648†	-0.4	-0.01277	mg/L	0.009266	-0.02554	mg/L	0.018533	72.57%
Ni 231.604†	31.0	0.00274	mg/L	0.000364	0.00548	mg/L	0.000728	13.28%
Ni 232.003†	0.2	0.00343	mg/L	0.013085	0.00685	mg/L	0.026170	381.86%
Pb 217.000†	0.4	0.03813	mg/L	0.118491	0.07627	mg/L	0.236981	310.72%
Pb 220.353†	12.5	0.00530	mg/L	0.001735	0.01060	mg/L	0.003471	32.74%
Sb 206.836†	11.7	0.00726	mg/L	0.000399	0.01451	mg/L	0.000798	5.50%
Sb 217.582†	-0.5	-0.06872	mg/L	0.013625	-0.1374	mg/L	0.02725	19.83%
Se 196.026†	9.6	0.01087	mg/L	0.001308	0.02175	mg/L	0.002616	12.03%
Se 203.985†	7.0	0.01621	mg/L	0.000457	0.03243	mg/L	0.000915	2.82%
Sn 189.927†	1.6	0.00145	mg/L	0.001349	0.00289	mg/L	0.002699	93.28%

Sn 235.485†	3.8	0.1378	mg/L	0.03225	0.2756	mg/L	0.06450	23.41%
Sr 407.771†	246.7	0.00245	mg/L	0.000099	0.00490	mg/L	0.000199	4.06%
Sr 421.552†	361.6	0.00225	mg/L	0.000034	0.00450	mg/L	0.000069	1.53%
Sr 460.733†	-65.0	-0.00903	mg/L	0.003034	-0.01805	mg/L	0.006068	33.61%
Ti 334.940†	44.8	0.00534	mg/L	0.000280	0.01068	mg/L	0.000560	5.25%
Ti 336.121†	69.3	0.00972	mg/L	0.000232	0.01943	mg/L	0.000464	2.39%
Ti 337.279†	11.0	0.00399	mg/L	0.000602	0.00797	mg/L	0.001204	15.11%
Tl 190.801†	2.1	0.00324	mg/L	0.002730	0.00649	mg/L	0.005461	84.19%
Tl 276.787†	33.2	0.01009	mg/L	0.002822	0.02018	mg/L	0.005644	27.96%
Tl 351.924†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
V 290.880†	3.5	0.00365	mg/L	0.003003	0.00730	mg/L	0.006007	82.32%
V 309.310†	-7.5	-0.00451	mg/L	0.000686	-0.00902	mg/L	0.001372	15.22%
V 310.230†	-4528.7	-0.03743	mg/L	0.000862	-0.07487	mg/L	0.001725	2.30%
Zn 202.548†	13.1	0.05640	mg/L	0.014124	0.1128	mg/L	0.02825	25.05%
Zn 206.200†	3.9	0.04712	mg/L	0.007209	0.09425	mg/L	0.014418	15.30%
Zn 213.857†	18.4	0.04571	mg/L	0.002469	0.09142	mg/L	0.004939	5.40%

Sequence No.: 9
Sample ID: 2001AH03S04
Analyst:
Sample Wt:
Dilution: 2X

remade dilution at 10-20

Autosampler Location: 23
Date Collected: 8/30/01 4:18:47 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03S04

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	114780.7						1786.07	1.56%
Y 360.073	2844641.3						22603.91	0.79%
Ag 328.068†	169.0	0.00105	mg/L	0.000155	0.00211	mg/L	0.000309	14.68%
Ag 338.289†	35.1	0.00041	mg/L	0.000778	0.00082	mg/L	0.001556	189.31%
Al 308.215†	161.4	0.7393	mg/L	0.01255	1.479	mg/L	0.0251	1.70%
Al 394.401†	355.8	0.7564	mg/L	0.01785	1.513	mg/L	0.0357	2.36%
Al 396.153†	1203.4	0.7275	mg/L	0.01096	1.455	mg/L	0.0219	1.51%
As 188.979†	-0.7	-0.2617	mg/L	0.38109	-0.5234	mg/L	0.76217	145.62%
As 193.696†	4.7	0.00653	mg/L	0.000777	0.01305	mg/L	0.001555	11.91%
As 197.197†	-0.5	-0.2411	mg/L	0.16491	-0.4822	mg/L	0.32982	68.40%
B 208.889†	7.9	0.3246	mg/L	0.07632	0.6491	mg/L	0.15264	23.52%
B 249.677†	43.5	0.1767	mg/L	0.00853	0.3534	mg/L	0.01706	4.83%
B 249.772†	88.6	0.1699	mg/L	0.00612	0.3399	mg/L	0.01224	3.60%
Ba 233.527†	79.3	0.1367	mg/L	0.00337	0.2735	mg/L	0.00674	2.46%
Ba 455.403†	8221.6	0.1371	mg/L	0.00033	0.2742	mg/L	0.00065	0.24%
Ba 493.408†	14015.7	0.1383	mg/L	0.00040	0.2765	mg/L	0.00081	0.29%
Be 234.861†	115.2	0.00042	mg/L	0.000102	0.00084	mg/L	0.000203	24.05%
Be 313.042†	-5.0	-0.00022	mg/L	0.000038	-0.00043	mg/L	0.000076	17.74%
Be 313.107†	-5.0	-0.00022	mg/L	0.000038	-0.00043	mg/L	0.000076	17.74%
Ca 315.887†	2341.6	2.299	mg/L	0.0241	4.598	mg/L	0.0482	1.05%
Ca 317.933†	2115.6	2.207	mg/L	0.0294	4.413	mg/L	0.0589	1.33%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	-6.6	-0.00025	mg/L	0.000125	-0.00050	mg/L	0.000250	50.21%
Cd 228.802†	0.2	0.00028	mg/L	0.000772	0.00056	mg/L	0.001544	276.99%
Ce 413.380†	7.0	0.00702	mg/L	0.014623	0.01404	mg/L	0.029246	208.33%
Ce 413.764†	-8.3	-0.00826	mg/L	0.011391	-0.01652	mg/L	0.022782	137.90%
Ce 418.660†	-5.2	-0.00256	mg/L	0.006067	-0.00512	mg/L	0.012133	237.07%
Co 228.616†	0.5	0.00002	mg/L	0.000194	0.00003	mg/L	0.000388	>999.9%
Co 230.786†	-1.2	-0.00842	mg/L	0.002148	-0.01683	mg/L	0.004295	25.52%
Co 238.892†	0.6	0.00290	mg/L	0.000926	0.00580	mg/L	0.001853	31.93%
Cr 205.560†	-0.2	-0.01022	mg/L	0.014272	-0.02044	mg/L	0.028543	139.63%
Cr 267.716†	84.5	0.00367	mg/L	0.000052	0.00735	mg/L	0.000104	1.42%
Cr 283.563†	0.2	0.00026	mg/L	0.001165	0.00053	mg/L	0.002330	443.32%
Cu 224.700†	95.9	1.070	mg/L	0.0083	2.139	mg/L	0.0166	0.77%
Cu 324.752†	3501.0	0.9173	mg/L	0.00828	1.835	mg/L	0.0166	0.90%
Cu 327.393†	49508.8	0.9656	mg/L	0.01273	1.931	mg/L	0.0255	1.32%
Fe 238.204†	143.0	0.2250	mg/L	0.00613	0.4501	mg/L	0.01226	2.72%
Fe 239.562†	98.0	0.2226	mg/L	0.00514	0.4451	mg/L	0.01028	2.31%
Fe 259.939†	291.9	0.2364	mg/L	0.00238	0.4728	mg/L	0.00476	1.01%
Fe 273.955†	55.6	0.2656	mg/L	0.00308	0.5312	mg/L	0.00615	1.16%
K 766.490†	508.1	1.149	mg/L	0.0083	2.298	mg/L	0.0166	0.72%
Li 610.362†	108.2	0.02299	mg/L	0.013851	0.04598	mg/L	0.027703	60.25%

Li 670.784†	-157.9	-0.00404 mg/L	0.001554	-0.00807 mg/L	0.003108	38.51%
Mg 279.077†	124.1	0.6354 mg/L	0.03032	1.271 mg/L	0.0606	4.77%
Mg 280.271†	19385.6	0.6143 mg/L	0.00266	1.229 mg/L	0.0053	0.43%
Mg 285.213†	561.3	0.6044 mg/L	0.00749	1.209 mg/L	0.0150	1.24%
Mn 257.610†	369.9	0.06528 mg/L	0.000740	0.1306 mg/L	0.00148	1.13%
Mn 259.372†	480.9	0.06412 mg/L	0.000522	0.1282 mg/L	0.00104	0.81%
Mn 260.568†	225.4	0.05775 mg/L	0.000994	0.1155 mg/L	0.00199	1.72%
Mo 202.031†	1.9	0.06205 mg/L	0.017147	0.1241 mg/L	0.03429	27.63%
Mo 203.845†	0.4	0.02597 mg/L	0.049403	0.05194 mg/L	0.098806	190.22%
Mo 204.597†	-11.3	-0.00182 mg/L	0.000291	-0.00364 mg/L	0.000582	15.98%
Na 588.995†	99655.5	27.69 mg/L	0.025	55.37 mg/L	0.050	0.09%
Na 589.592†	107303.5	28.48 mg/L	0.105	56.97 mg/L	0.211	0.37%
Ni 221.648†	-0.9	-0.02616 mg/L	0.030898	-0.05232 mg/L	0.061796	118.11%
Ni 231.604†	36.5	0.00322 mg/L	0.000902	0.00644 mg/L	0.001804	28.00%
Ni 232.003†	-1.0	-0.01507 mg/L	0.017180	-0.03014 mg/L	0.034359	114.01%
Pb 217.000†	-0.1	-0.01452 mg/L	0.046274	-0.02903 mg/L	0.092549	318.76%
Pb 220.353†	15.3	0.00649 mg/L	0.001674	0.01299 mg/L	0.003347	25.77%
Sb 206.836†	11.7	0.00720 mg/L	0.001490	0.01441 mg/L	0.002981	20.68%
Sb 217.582†	1.0	0.1510 mg/L	0.07258	0.3020 mg/L	0.14517	48.06%
Se 196.026†	11.0	0.01251 mg/L	0.000522	0.02501 mg/L	0.001044	4.17%
Se 203.985†	6.0	0.01396 mg/L	0.005005	0.02793 mg/L	0.010010	35.84%
Sn 189.927†	1.4	0.00126 mg/L	0.001896	0.00252 mg/L	0.003792	150.64%
Sn 235.485†	2.6	0.09305 mg/L	0.066527	0.1861 mg/L	0.13305	71.50%
Sr 407.771†	319.9	0.00318 mg/L	0.000026	0.00635 mg/L	0.000052	0.83%
Sr 421.552†	483.1	0.00300 mg/L	0.000067	0.00601 mg/L	0.000134	2.23%
Sr 460.733†	-3.4	-0.00047 mg/L	0.002423	-0.00095 mg/L	0.004846	512.43%
Ti 334.940†	67.0	0.00799 mg/L	0.000257	0.01598 mg/L	0.000513	3.21%
Ti 336.121†	84.5	0.01185 mg/L	0.000717	0.02371 mg/L	0.001434	6.05%
Ti 337.279†	19.3	0.00696 mg/L	0.000652	0.01392 mg/L	0.001304	9.37%
Tl 190.801†	1.6	0.00239 mg/L	0.001517	0.00478 mg/L	0.003034	63.51%
Tl 276.787†	40.1	0.01219 mg/L	0.002412	0.02438 mg/L	0.004824	19.79%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	4.2	0.00436 mg/L	0.002470	0.00872 mg/L	0.004939	56.67%
V 309.310†	-5.9	-0.00353 mg/L	0.000465	-0.00707 mg/L	0.000930	13.16%
V 310.230†	-4598.4	-0.03801 mg/L	0.000368	-0.07602 mg/L	0.000735	0.97%
Zn 202.548†	14.5	0.06123 mg/L	0.007724	0.1225 mg/L	0.01545	12.62%
Zn 206.200†	4.9	0.05977 mg/L	0.003968	0.1195 mg/L	0.00794	6.64%
Zn 213.857†	22.4	0.05565 mg/L	0.004763	0.1113 mg/L	0.00953	8.56%

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Sequence No.: 10
Sample ID: 2001AH03A01 Dup
Analyst:
Sample Wt:
Dilution: 2X

remade dilution at 10-20

Autosampler Location: 22
Date Collected: 8/30/01 4:23:16 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 2001AH03A01 Dup

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	117112.0						3192.36	2.73%
Y 360.073	2894332.2						32439.49	1.12%
Ag 328.068†	168.2	0.00105	mg/L	0.000246	0.00209	mg/L	0.000493	23.54%
Ag 338.289†	33.8	0.00040	mg/L	0.000174	0.00079	mg/L	0.000347	43.85%
Al 308.215†	190.5	0.8725	mg/L	0.01656	1.745	mg/L	0.0331	1.90%
Al 394.401†	428.1	0.9102	mg/L	0.02434	1.820	mg/L	0.0487	2.67%
Al 396.153†	1430.9	0.8659	mg/L	0.02075	1.732	mg/L	0.0415	2.40%
As 188.979†	-0.5	-0.1776	mg/L	0.38331	-0.3553	mg/L	0.76662	215.78%
As 193.696†	4.2	0.00579	mg/L	0.001982	0.01158	mg/L	0.003965	34.25%
As 197.197†	-0.3	-0.1794	mg/L	0.48774	-0.3588	mg/L	0.97548	271.88%
B 208.889†	6.0	0.2461	mg/L	0.10163	0.4921	mg/L	0.20326	41.30%
B 249.677†	40.3	0.1637	mg/L	0.00363	0.3275	mg/L	0.00726	2.22%
B 249.772†	84.7	0.1626	mg/L	0.00707	0.3251	mg/L	0.01414	4.35%
Ba 233.527†	74.2	0.1279	mg/L	0.00581	0.2557	mg/L	0.01162	4.54%
Ba 455.403†	7944.1	0.1325	mg/L	0.00037	0.2649	mg/L	0.00073	0.28%
Ba 493.408†	13550.9	0.1337	mg/L	0.00041	0.2674	mg/L	0.00082	0.31%
Be 234.861†	-309.5	-0.00113	mg/L	0.000138	-0.00227	mg/L	0.000276	12.15%
Be 313.042†	-0.7	-0.00003	mg/L	0.000200	-0.00006	mg/L	0.000399	700.06%
Be 313.107†	-0.7	-0.00003	mg/L	0.000200	-0.00006	mg/L	0.000399	700.06%
Ca 315.887†	3885.5	3.815	mg/L	0.1001	7.630	mg/L	0.2001	2.62%

Ca 317.933†	3562.3	3.716 mg/L	0.0270	7.431 mg/L	0.0541	0.73%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	7.7	0.00029 mg/L	0.000069	0.00058 mg/L	0.000139	23.95%
Cd 228.802†	-0.1	-0.00022 mg/L	0.001186	-0.00043 mg/L	0.002372	550.19%
Ce 413.380†	3.0	0.00303 mg/L	0.004200	0.00605 mg/L	0.008399	138.74%
Ce 413.764†	-10.4	-0.01038 mg/L	0.006700	-0.02077 mg/L	0.013401	64.52%
Ce 418.660†	-1.2	-0.00060 mg/L	0.007057	-0.00121 mg/L	0.014115	>999.9%
Co 228.616†	5.8	0.00018 mg/L	0.000357	0.00036 mg/L	0.000713	195.94%
Co 230.786†	-0.3	-0.00230 mg/L	0.001976	-0.00460 mg/L	0.003952	85.85%
Co 238.892†	0.3	0.00123 mg/L	0.000516	0.00247 mg/L	0.001032	41.80%
Cr 205.560†	-0.2	-0.00940 mg/L	0.002679	-0.01880 mg/L	0.005358	28.50%
Cr 267.716†	105.8	0.00460 mg/L	0.000138	0.00920 mg/L	0.000276	3.01%
Cr 283.563†	-1.1	-0.00132 mg/L	0.001197	-0.00264 mg/L	0.002393	90.48%
Cu 224.700†	92.6	1.033 mg/L	0.0128	2.067 mg/L	0.0256	1.24%
Cu 324.752†	3387.6	0.8876 mg/L	0.00580	1.775 mg/L	0.0116	0.65%
Cu 327.393†	46774.3	0.9123 mg/L	0.01272	1.825 mg/L	0.0254	1.39%
Fe 238.204†	481.2	0.7573 mg/L	0.02194	1.515 mg/L	0.0439	2.90%
Fe 239.562†	330.5	0.7507 mg/L	0.02219	1.501 mg/L	0.0444	2.96%
Fe 259.939†	982.5	0.7959 mg/L	0.01936	1.592 mg/L	0.0387	2.43%
Fe 273.955†	185.4	0.8858 mg/L	0.01020	1.772 mg/L	0.0204	1.15%
K 766.490†	429.1	0.9705 mg/L	0.02798	1.941 mg/L	0.0560	2.88%
Li 610.362†	88.0	0.01869 mg/L	0.014753	0.03739 mg/L	0.029506	78.92%
Li 670.784†	-120.4	-0.00308 mg/L	0.002771	-0.00615 mg/L	0.005541	90.06%
Mg 279.077†	135.2	0.6920 mg/L	0.02488	1.384 mg/L	0.0498	3.60%
Mg 280.271†	21552.9	0.6830 mg/L	0.00362	1.366 mg/L	0.0072	0.53%
Mg 285.213†	609.9	0.6569 mg/L	0.01237	1.314 mg/L	0.0247	1.88%
Mn 257.610†	113.5	0.02003 mg/L	0.000688	0.04006 mg/L	0.001377	3.44%
Mn 259.372†	155.2	0.01974 mg/L	0.000746	0.03948 mg/L	0.001492	3.78%
Mn 260.568†	70.0	0.01794 mg/L	0.000205	0.03589 mg/L	0.000410	1.14%
Mo 202.031†	1.4	0.04672 mg/L	0.030323	0.09344 mg/L	0.060646	64.90%
Mo 203.845†	0.0	0.00101 mg/L	0.037727	0.00203 mg/L	0.075454	>999.9%
Mo 204.597†	-5.5	-0.00088 mg/L	0.000131	-0.00176 mg/L	0.000263	14.88%
Na 588.995†	89902.3	24.98 mg/L	0.073	49.95 mg/L	0.145	0.29%
Na 589.592†	96555.5	25.63 mg/L	0.109	51.26 mg/L	0.218	0.42%
Ni 221.648†	-1.3	-0.03791 mg/L	0.012799	-0.07582 mg/L	0.025598	33.76%
Ni 231.604†	34.5	0.00304 mg/L	0.000357	0.00609 mg/L	0.000715	11.74%
Ni 232.003†	-0.3	-0.00509 mg/L	0.000811	-0.01018 mg/L	0.001622	15.94%
Pb 217.000†	-0.5	-0.04919 mg/L	0.089476	-0.09838 mg/L	0.178952	181.89%
Pb 220.353†	32.4	0.01373 mg/L	0.001336	0.02746 mg/L	0.002672	9.73%
Sb 206.836†	10.5	0.00650 mg/L	0.001760	0.01300 mg/L	0.003521	27.08%
Sb 217.582†	-0.1	-0.01363 mg/L	0.042072	-0.02726 mg/L	0.084145	308.63%
Se 196.026†	7.1	0.00806 mg/L	0.003581	0.01611 mg/L	0.007163	44.46%
Se 203.985†	8.0	0.01853 mg/L	0.004763	0.03705 mg/L	0.009526	25.71%
Sn 189.927†	2.1	0.00198 mg/L	0.000868	0.00397 mg/L	0.001736	43.76%
Sn 235.485†	3.8	0.1385 mg/L	0.02335	0.2769 mg/L	0.04670	16.86%
Sr 407.771†	648.8	0.00644 mg/L	0.000190	0.01289 mg/L	0.000381	2.95%
Sr 421.552†	933.4	0.00580 mg/L	0.000134	0.01161 mg/L	0.000268	2.31%
Sr 460.733†	-53.4	-0.00741 mg/L	0.004831	-0.01483 mg/L	0.009663	65.17%
Ti 334.940†	101.1	0.01205 mg/L	0.000409	0.02409 mg/L	0.000818	3.40%
Ti 336.121†	116.4	0.01632 mg/L	0.000363	0.03264 mg/L	0.000726	2.23%
Ti 337.279†	30.8	0.01113 mg/L	0.000789	0.02225 mg/L	0.001577	7.09%
Tl 190.801†	-1.0	-0.00155 mg/L	0.001302	-0.00310 mg/L	0.002604	84.08%
Tl 276.787†	101.8	0.03099 mg/L	0.012007	0.06198 mg/L	0.024014	38.74%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	5.0	0.00523 mg/L	0.002591	0.01047 mg/L	0.005183	49.51%
V 309.310†	-5.4	-0.00324 mg/L	0.000490	-0.00648 mg/L	0.000979	15.12%
V 310.230†	-4453.0	-0.03681 mg/L	0.000589	-0.07361 mg/L	0.001179	1.60%
Zn 202.548†	14.1	0.05980 mg/L	0.005415	0.1196 mg/L	0.01083	9.06%
Zn 206.200†	3.3	0.04041 mg/L	0.006945	0.08081 mg/L	0.013890	17.19%
Zn 213.857†	18.8	0.04658 mg/L	0.001645	0.09316 mg/L	0.003290	3.53%

Sequence No.: 11
Sample ID: BLANK
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/30/01 4:27:43 PM

Sample Prep Volume:
Data Type: Original

Mean Data: BLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	117237.9						2023.92	1.73%
Y 360.073	2887136.6						13074.02	0.45%
Ag 328.068†	74.5	0.00046	mg/L	0.000482	0.00046	mg/L	0.000482	103.77%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Ag 338.289†	13.7	0.00016	mg/L	0.000704	0.00016	mg/L	0.000704	439.52%
QC value within limits for Ag 338.289 Recovery = Not calculated								
Al 308.215†	0.1	0.00064	mg/L	0.000667	0.00064	mg/L	0.000667	104.11%
QC value within limits for Al 308.215 Recovery = Not calculated								
Al 394.401†	5.4	0.01156	mg/L	0.009054	0.01156	mg/L	0.009054	78.34%
QC value within limits for Al 394.401 Recovery = Not calculated								
Al 396.153†	3.5	0.00043	mg/L	0.005863	0.00043	mg/L	0.005863	>999.9%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	0.0	0.00180	mg/L	0.137442	0.00180	mg/L	0.137442	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
As 193.696†	1.1	0.00155	mg/L	0.001467	0.00155	mg/L	0.001467	94.51%
QC value within limits for As 193.696 Recovery = Not calculated								
As 197.197†	-0.7	-0.3895	mg/L	0.29443	-0.3895	mg/L	0.29443	75.59%
QC value within limits for As 197.197 Recovery = Not calculated								
B 208.889†	1.4	0.05870	mg/L	0.084047	0.05870	mg/L	0.084047	143.17%
QC value within limits for B 208.889 Recovery = Not calculated								
B 249.677†	-1.5	-0.00614	mg/L	0.001895	-0.00614	mg/L	0.001895	30.87%
QC value within limits for B 249.677 Recovery = Not calculated								
B 249.772†	2.0	0.00384	mg/L	0.000599	0.00384	mg/L	0.000599	15.58%
QC value within limits for B 249.772 Recovery = Not calculated								
Ba 233.527†	0.1	0.00025	mg/L	0.000246	0.00025	mg/L	0.000246	98.82%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Ba 455.403†	-7.3	-0.00012	mg/L	0.000001	-0.00012	mg/L	0.000001	1.02%
QC value within limits for Ba 455.403 Recovery = Not calculated								
Ba 493.408†	-10.1	-0.00010	mg/L	0.000669	-0.00010	mg/L	0.000669	674.40%
QC value within limits for Ba 493.408 Recovery = Not calculated								
Be 234.861†	265.3	0.00097	mg/L	0.000014	0.00097	mg/L	0.000014	1.41%
QC value within limits for Be 234.861 Recovery = Not calculated								
Be 313.042†	-2.3	-0.00010	mg/L	0.000155	-0.00010	mg/L	0.000155	160.44%
QC value within limits for Be 313.042 Recovery = Not calculated								
Be 313.107†	-2.3	-0.00010	mg/L	0.000155	-0.00010	mg/L	0.000155	160.44%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 315.887†	4.4	0.00432	mg/L	0.009064	0.00432	mg/L	0.009064	209.74%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933†	-35.0	-0.03651	mg/L	0.006608	-0.03651	mg/L	0.006608	18.10%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Cd 226.502†	-8.1	-0.00030	mg/L	0.000107	-0.00030	mg/L	0.000107	35.26%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cd 228.802†	-0.6	-0.00095	mg/L	0.001440	-0.00095	mg/L	0.001440	152.17%
QC value within limits for Cd 228.802 Recovery = Not calculated								
Ce 413.380†	-11.1	-0.01108	mg/L	0.007424	-0.01108	mg/L	0.007424	67.01%
QC value within limits for Ce 413.380 Recovery = Not calculated								
Ce 413.764†	-5.3	-0.00529	mg/L	0.007093	-0.00529	mg/L	0.007093	133.97%
QC value within limits for Ce 413.764 Recovery = Not calculated								
Ce 418.660†	-2.6	-0.00127	mg/L	0.002522	-0.00127	mg/L	0.002522	198.81%
QC value within limits for Ce 418.660 Recovery = Not calculated								
Co 228.616†	-14.6	-0.00046	mg/L	0.000157	-0.00046	mg/L	0.000157	34.20%
QC value within limits for Co 228.616 Recovery = Not calculated								
Co 230.786†	-0.4	-0.00300	mg/L	0.004017	-0.00300	mg/L	0.004017	134.09%
QC value within limits for Co 230.786 Recovery = Not calculated								
Co 238.892†	-0.2	-0.00106	mg/L	0.004467	-0.00106	mg/L	0.004467	422.53%
QC value within limits for Co 238.892 Recovery = Not calculated								
Cr 205.560†	-0.4	-0.01919	mg/L	0.014922	-0.01919	mg/L	0.014922	77.75%
QC value within limits for Cr 205.560 Recovery = Not calculated								
Cr 267.716†	-0.0	0.00000	mg/L	0.000133	0.00000	mg/L	0.000133	>999.9%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cr 283.563†	-4.7	-0.00558	mg/L	0.001694	-0.00558	mg/L	0.001694	30.35%
QC value within limits for Cr 283.563 Recovery = Not calculated								
Cu 224.700†	1.6	0.01753	mg/L	0.013000	0.01753	mg/L	0.013000	74.18%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Cu 324.752†	-21.9	-0.00574	mg/L	0.000492	-0.00574	mg/L	0.000492	8.57%
QC value within limits for Cu 324.752 Recovery = Not calculated								

Cu 327.393†	-147.5	-0.00288 mg/L	0.000430	-0.00288 mg/L	0.000430	14.96%
QC value within limits for Cu 327.393 Recovery = Not calculated						
Fe 238.204†	1.5	0.00233 mg/L	0.000681	0.00233 mg/L	0.000681	29.19%
QC value within limits for Fe 238.204 Recovery = Not calculated						
Fe 239.562†	0.5	0.00122 mg/L	0.000603	0.00122 mg/L	0.000603	49.55%
QC value within limits for Fe 239.562 Recovery = Not calculated						
Fe 259.939†	0.2	0.00018 mg/L	0.000734	0.00018 mg/L	0.000734	415.43%
QC value within limits for Fe 259.939 Recovery = Not calculated						
Fe 273.955†	0.2	0.00103 mg/L	0.004813	0.00103 mg/L	0.004813	468.61%
QC value within limits for Fe 273.955 Recovery = Not calculated						
K 766.490†	-72.6	-0.1642 mg/L	0.04229	-0.1642 mg/L	0.04229	25.76%
QC value within limits for K 766.490 Recovery = Not calculated						
Li 610.362†	152.5	0.03239 mg/L	0.023866	0.03239 mg/L	0.023866	73.70%
QC value within limits for Li 610.362 Recovery = Not calculated						
Li 670.784†	-57.0	-0.00146 mg/L	0.001377	-0.00146 mg/L	0.001377	94.45%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	5.3	0.02738 mg/L	0.046695	0.02738 mg/L	0.046695	170.56%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mg 280.271†	-36.6	-0.00116 mg/L	0.000201	-0.00116 mg/L	0.000201	17.38%
QC value within limits for Mg 280.271 Recovery = Not calculated						
Mg 285.213†	-0.7	-0.00077 mg/L	0.001128	-0.00077 mg/L	0.001128	146.14%
QC value within limits for Mg 285.213 Recovery = Not calculated						
Mn 257.610†	-2.1	-0.00037 mg/L	0.000066	-0.00037 mg/L	0.000066	17.74%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mn 259.372†	-0.1	-0.00026 mg/L	0.000534	-0.00026 mg/L	0.000534	207.85%
QC value within limits for Mn 259.372 Recovery = Not calculated						
Mn 260.568†	-1.3	-0.00033 mg/L	0.000102	-0.00033 mg/L	0.000102	30.81%
QC value within limits for Mn 260.568 Recovery = Not calculated						
Mo 202.031†	1.5	0.04940 mg/L	0.044268	0.04940 mg/L	0.044268	89.61%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Mo 203.845†	-0.2	-0.01386 mg/L	0.065950	-0.01386 mg/L	0.065950	475.70%
QC value within limits for Mo 203.845 Recovery = Not calculated						
Mo 204.597†	-9.4	-0.00151 mg/L	0.000568	-0.00151 mg/L	0.000568	37.52%
QC value within limits for Mo 204.597 Recovery = Not calculated						
Na 588.995†	136.3	0.03786 mg/L	0.016468	0.03786 mg/L	0.016468	43.50%
QC value within limits for Na 588.995 Recovery = Not calculated						
Na 589.592†	140.3	0.03724 mg/L	0.011261	0.03724 mg/L	0.011261	30.24%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 221.648†	-0.4	-0.01327 mg/L	0.010620	-0.01327 mg/L	0.010620	80.01%
QC value within limits for Ni 221.648 Recovery = Not calculated						
Ni 231.604†	-3.4	-0.00030 mg/L	0.000072	-0.00030 mg/L	0.000072	24.41%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Ni 232.003†	-0.1	-0.00192 mg/L	0.012011	-0.00192 mg/L	0.012011	626.21%
QC value within limits for Ni 232.003 Recovery = Not calculated						
Pb 217.000†	0.3	0.03155 mg/L	0.071818	0.03155 mg/L	0.071818	227.65%
QC value within limits for Pb 217.000 Recovery = Not calculated						
Pb 220.353†	-6.1	-0.00258 mg/L	0.000514	-0.00258 mg/L	0.000514	19.90%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	9.2	0.00568 mg/L	0.001732	0.00568 mg/L	0.001732	30.51%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Sb 217.582†	0.1	0.01569 mg/L	0.060088	0.01569 mg/L	0.060088	382.98%
QC value within limits for Sb 217.582 Recovery = Not calculated						
Se 196.026†	0.4	0.00049 mg/L	0.001676	0.00049 mg/L	0.001676	342.48%
QC value within limits for Se 196.026 Recovery = Not calculated						
Se 203.985†	6.0	0.01402 mg/L	0.007069	0.01402 mg/L	0.007069	50.42%
QC value within limits for Se 203.985 Recovery = Not calculated						
Sn 189.927†	0.5	0.00049 mg/L	0.000791	0.00049 mg/L	0.000791	162.23%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sn 235.485†	2.7	0.09644 mg/L	0.068540	0.09644 mg/L	0.068540	71.07%
QC value within limits for Sn 235.485 Recovery = Not calculated						
Sr 407.771†	4.6	0.00005 mg/L	0.000028	0.00005 mg/L	0.000028	60.48%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Sr 421.552†	-8.6	-0.00005 mg/L	0.000041	-0.00005 mg/L	0.000041	77.08%
QC value within limits for Sr 421.552 Recovery = Not calculated						
Sr 460.733†	-68.9	-0.00957 mg/L	0.020044	-0.00957 mg/L	0.020044	209.52%
QC value within limits for Sr 460.733 Recovery = Not calculated						
Ti 334.940†	2.5	0.00030 mg/L	0.000124	0.00030 mg/L	0.000124	41.47%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Ti 336.121†	30.3	0.00426 mg/L	0.000302	0.00426 mg/L	0.000302	7.10%
QC value within limits for Ti 336.121 Recovery = Not calculated						

```
Ti 337.279†                -1.3    -0.00048 mg/L      0.000352    -0.00048 mg/L      0.000352  73.92%
   QC value within limits for Ti 337.279  Recovery = Not calculated
Tl 190.801†                 0.2     0.00036 mg/L      0.001259     0.00036 mg/L      0.001259 353.90%
   QC value within limits for Tl 190.801  Recovery = Not calculated
Tl 276.787†                28.2     0.00859 mg/L      0.002370     0.00859 mg/L      0.002370  27.60%
   QC value within limits for Tl 276.787  Recovery = Not calculated
Tl 351.924†                 0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value within limits for Tl 351.924  Recovery = Not calculated
V 290.880†                  2.9     0.00300 mg/L      0.000404     0.00300 mg/L      0.000404  13.48%
   QC value within limits for V 290.880  Recovery = Not calculated
V 309.310†                 -7.6    -0.00453 mg/L      0.001529    -0.00453 mg/L      0.001529  33.74%
   QC value within limits for V 309.310  Recovery = Not calculated
V 310.230†              -4726.0    -0.03906 mg/L      0.000624    -0.03906 mg/L      0.000624   1.60%
   QC value within limits for V 310.230  Recovery = Not calculated
Zn 202.548†                 0.8     0.00377 mg/L      0.002712     0.00377 mg/L      0.002712  71.90%
   QC value within limits for Zn 202.548  Recovery = Not calculated
Zn 206.200†                -0.1    -0.00137 mg/L      0.002605    -0.00137 mg/L      0.002605 190.25%
   QC value within limits for Zn 206.200  Recovery = Not calculated
Zn 213.857†                -2.0    -0.00510 mg/L      0.002688    -0.00510 mg/L      0.002688  52.75%
   QC value within limits for Zn 213.857  Recovery = Not calculated
All analytes passed QC.
```

Sequence No.: 12
Sample ID: LCM1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/30/01 4:32:09 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	117564.0						1419.10	1.21%
Y 360.073	2904568.5						51924.18	1.79%
Ag 328.068†	27789.8	0.1731	mg/L	0.00275	0.1731	mg/L	0.00275	1.59%
Ag 338.289†	15042.9	0.1763	mg/L	0.00253	0.1763	mg/L	0.00253	1.43%
Al 308.215†	222.6	1.020	mg/L	0.0255	1.020	mg/L	0.0255	2.50%
QC value within limits for Al 308.215 Recovery = 101.95%								
Al 394.401†	488.3	1.038	mg/L	0.0051	1.038	mg/L	0.0051	0.49%
QC value within limits for Al 394.401 Recovery = 103.81%								
Al 396.153†	1693.4	1.023	mg/L	0.0161	1.023	mg/L	0.0161	1.57%
QC value within limits for Al 396.153 Recovery = 102.33%								
As 188.979†	5.1	1.966	mg/L	0.4292	1.966	mg/L	0.4292	21.83%
QC value within limits for As 188.979 Recovery = 98.30%								
As 193.696†	1503.3	2.089	mg/L	0.0364	2.089	mg/L	0.0364	1.74%
QC value within limits for As 193.696 Recovery = 104.46%								
As 197.197†	4.0	2.117	mg/L	0.1362	2.117	mg/L	0.1362	6.44%
QC value within limits for As 197.197 Recovery = 105.85%								
B 208.889†	25.3	1.039	mg/L	0.0290	1.039	mg/L	0.0290	2.79%
QC value within limits for B 208.889 Recovery = 103.90%								
B 249.677†	238.5	0.9688	mg/L	0.01424	0.9688	mg/L	0.01424	1.47%
QC value within limits for B 249.677 Recovery = 96.88%								
B 249.772†	501.2	0.9615	mg/L	0.01800	0.9615	mg/L	0.01800	1.87%
QC value within limits for B 249.772 Recovery = 96.15%								
Ba 233.527†	565.2	0.9742	mg/L	0.01669	0.9742	mg/L	0.01669	1.71%
QC value within limits for Ba 233.527 Recovery = 97.42%								
Ba 455.403†	60118.1	1.002	mg/L	0.0011	1.002	mg/L	0.0011	0.11%
QC value within limits for Ba 455.403 Recovery = 100.24%								
Ba 493.408†	102286.6	1.009	mg/L	0.0029	1.009	mg/L	0.0029	0.28%
QC value within limits for Ba 493.408 Recovery = 100.91%								
Be 234.861†	361610.6	1.325	mg/L	0.0226	1.325	mg/L	0.0226	1.70%
QC value greater than the upper limit for Be 234.861 Recovery = 132.54%								
Be 313.042†	23441.4	1.002	mg/L	0.0020	1.002	mg/L	0.0020	0.20%
QC value within limits for Be 313.042 Recovery = 100.21%								
Be 313.107†	23441.4	1.002	mg/L	0.0020	1.002	mg/L	0.0020	0.20%
QC value within limits for Be 313.107 Recovery = 100.21%								
Ca 315.887†	1083.3	1.064	mg/L	0.0129	1.064	mg/L	0.0129	1.21%
QC value within limits for Ca 315.887 Recovery = 106.37%								
Ca 317.933†	954.6	0.9957	mg/L	0.01484	0.9957	mg/L	0.01484	1.49%

QC value within limits for Ca 317.933 Recovery = 99.57%

Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%

QC value less than the lower limit for Cd 214.440 Recovery = 0.00%

Cd 226.502†	26895.8	1.007 mg/L	0.0137	1.007 mg/L	0.0137	1.36%

QC value within limits for Cd 226.502 Recovery = 100.74%

Cd 228.802†	553.9	0.9362 mg/L	0.01708	0.9362 mg/L	0.01708	1.82%

QC value within limits for Cd 228.802 Recovery = 93.62%

Ce 413.380†	986.6	0.9881 mg/L	0.05015	0.9881 mg/L	0.05015	5.08%

QC value within limits for Ce 413.380 Recovery = 98.81%

Ce 413.764†	1002.2	0.9975 mg/L	0.01530	0.9975 mg/L	0.01530	1.53%

QC value within limits for Ce 413.764 Recovery = 99.75%

Ce 418.660†	2110.9	1.032 mg/L	0.0117	1.032 mg/L	0.0117	1.13%

QC value within limits for Ce 418.660 Recovery = 103.21%

Co 228.616†	29658.4	0.9323 mg/L	0.01085	0.9323 mg/L	0.01085	1.16%

QC value within limits for Co 228.616 Recovery = 93.23%

Co 230.786†	141.3	0.9692 mg/L	0.03168	0.9692 mg/L	0.03168	3.27%

QC value within limits for Co 230.786 Recovery = 96.92%

Co 238.892†	208.0	0.9567 mg/L	0.01116	0.9567 mg/L	0.01116	1.17%

QC value within limits for Co 238.892 Recovery = 95.67%

Cr 205.560†	21.5	0.9685 mg/L	0.00270	0.9685 mg/L	0.00270	0.28%

QC value within limits for Cr 205.560 Recovery = 96.85%

Cr 267.716†	22411.1	0.9737 mg/L	0.01543	0.9737 mg/L	0.01543	1.59%

QC value within limits for Cr 267.716 Recovery = 97.37%

Cr 283.563†	1088.3	1.306 mg/L	0.0118	1.306 mg/L	0.0118	0.90%

QC value greater than the upper limit for Cr 283.563 Recovery = 130.56%

Cu 224.700†	98.3	1.097 mg/L	0.0108	1.097 mg/L	0.0108	0.99%

QC value within limits for Cu 224.700 Recovery = 109.66%

Cu 324.752†	3595.9	0.9422 mg/L	0.00579	0.9422 mg/L	0.00579	0.61%

QC value within limits for Cu 324.752 Recovery = 94.22%

Cu 327.393†	49421.4	0.9639 mg/L	0.01479	0.9639 mg/L	0.01479	1.53%

QC value within limits for Cu 327.393 Recovery = 96.39%

Fe 238.204†	613.5	0.9655 mg/L	0.02151	0.9655 mg/L	0.02151	2.23%

QC value within limits for Fe 238.204 Recovery = 96.55%

Fe 239.562†	424.6	0.9643 mg/L	0.01145	0.9643 mg/L	0.01145	1.19%

QC value within limits for Fe 239.562 Recovery = 96.43%

Fe 259.939†	1257.8	1.019 mg/L	0.0129	1.019 mg/L	0.0129	1.26%

QC value within limits for Fe 259.939 Recovery = 101.89%

Fe 273.955†	236.2	1.128 mg/L	0.0251	1.128 mg/L	0.0251	2.23%

QC value greater than the upper limit for Fe 273.955 Recovery = 112.85%

K 766.490†	2308.3	5.221 mg/L	0.0085	5.221 mg/L	0.0085	0.16%

QC value within limits for K 766.490 Recovery = 104.41%

Li 610.362†	5022.1	1.067 mg/L	0.0122	1.067 mg/L	0.0122	1.15%

QC value within limits for Li 610.362 Recovery = 106.66%

Li 670.784†	40369.4	1.032 mg/L	0.0025	1.032 mg/L	0.0025	0.24%

QC value within limits for Li 670.784 Recovery = 103.18%

Mg 279.077†	208.8	1.069 mg/L	0.0256	1.069 mg/L	0.0256	2.39%

QC value within limits for Mg 279.077 Recovery = 106.87%

Mg 280.271†	33143.4	1.050 mg/L	0.0015	1.050 mg/L	0.0015	0.14%

QC value within limits for Mg 280.271 Recovery = 105.03%

Mg 285.213†	944.6	1.017 mg/L	0.0192	1.017 mg/L	0.0192	1.88%

QC value within limits for Mg 285.213 Recovery = 101.72%

Mn 257.610†	5685.8	1.003 mg/L	0.0047	1.003 mg/L	0.0047	0.47%

QC value within limits for Mn 257.610 Recovery = 100.32%

Mn 259.372†	7393.5	0.9893 mg/L	0.00197	0.9893 mg/L	0.00197	0.20%

QC value within limits for Mn 259.372 Recovery = 98.93%

Mn 260.568†	3447.5	0.8834 mg/L	0.00665	0.8834 mg/L	0.00665	0.75%

QC value less than the lower limit for Mn 260.568 Recovery = 88.34%

Mo 202.031†	26.7	0.8905 mg/L	0.05649	0.8905 mg/L	0.05649	6.34%

QC value less than the lower limit for Mo 202.031 Recovery = 89.05%

Mo 203.845†	13.5	0.8379 mg/L	0.06188	0.8379 mg/L	0.06188	7.39%

QC value less than the lower limit for Mo 203.845 Recovery = 83.79%

Mo 204.597†	5366.4	0.8641 mg/L	0.01293	0.8641 mg/L	0.01293	1.50%

QC value less than the lower limit for Mo 204.597 Recovery = 86.41%

Na 588.995†	3724.1	1.035 mg/L	0.0126	1.035 mg/L	0.0126	1.22%
Na 589.592†	3996.0	1.061 mg/L	0.0300	1.061 mg/L	0.0300	2.82%
Ni 221.648†	32.3	0.9607 mg/L	0.03425	0.9607 mg/L	0.03425	3.56%

QC value within limits for Ni 221.648 Recovery = 96.07%

Ni 231.604†	12276.5	1.084 mg/L	0.0157	1.084 mg/L	0.0157	1.44%

QC value within limits for Ni 231.604 Recovery = 108.43%

Ni 232.003†	63.1	0.9526 mg/L	0.02304	0.9526 mg/L	0.02304	2.42%

```
   QC value within limits for Ni 232.003  Recovery = 95.26%
Pb 217.000†              18.6       1.900 mg/L        0.0947       1.900 mg/L        0.0947   4.98%
   QC value within limits for Pb 217.000  Recovery = 95.01%
Pb 220.353†            4574.2       1.939 mg/L        0.0305       1.939 mg/L        0.0305   1.57%
   QC value within limits for Pb 220.353  Recovery = 96.96%
Sb 206.836†            3163.9       1.954 mg/L        0.0327       1.954 mg/L        0.0327   1.67%
   QC value within limits for Sb 206.836  Recovery = 97.72%
Sb 217.582†              11.9       1.772 mg/L        0.0682       1.772 mg/L        0.0682   3.85%
   QC value less than the lower limit for Sb 217.582  Recovery = 88.62%
Se 196.026†             973.5       1.107 mg/L        0.0221       1.107 mg/L        0.0221   1.99%
   QC value greater than the upper limit for Se 196.026  Recovery = 110.72%
Se 203.985†             489.9       1.136 mg/L        0.0182       1.136 mg/L        0.0182   1.60%
   QC value greater than the upper limit for Se 203.985  Recovery = 113.58%
Sn 189.927†            4979.4       4.636 mg/L        0.1157       4.636 mg/L        0.1157   2.50%
   QC value within limits for Sn 189.927  Recovery = 92.73%
Sn 235.485†             131.5       4.766 mg/L        0.0705       4.766 mg/L        0.0705   1.48%
   QC value within limits for Sn 235.485  Recovery = 95.33%
Sr 407.771†          109159.4       1.084 mg/L        0.0044       1.084 mg/L        0.0044   0.40%
   QC value within limits for Sr 407.771  Recovery = 108.43%
Sr 421.552†          161434.0       1.004 mg/L        0.0007       1.004 mg/L        0.0007   0.07%
   QC value within limits for Sr 421.552  Recovery = 100.36%
Sr 460.733†            7284.7       1.011 mg/L        0.0139       1.011 mg/L        0.0139   1.38%
   QC value within limits for Sr 460.733  Recovery = 101.13%
Ti 334.940†            7584.3      0.9039 mg/L       0.00308      0.9039 mg/L       0.00308   0.34%
   QC value within limits for Ti 334.940  Recovery = 90.39%
Ti 336.121†            6527.0      0.9155 mg/L       0.00101      0.9155 mg/L       0.00101   0.11%
   QC value within limits for Ti 336.121  Recovery = 91.55%
Ti 337.279†            2541.4      0.9169 mg/L       0.00860      0.9169 mg/L       0.00860   0.94%
   QC value within limits for Ti 337.279  Recovery = 91.69%
Tl 190.801†            3541.6       5.410 mg/L        0.0964       5.410 mg/L        0.0964   1.78%
   QC value within limits for Tl 190.801  Recovery = 108.19%
Tl 276.787†           16050.7       4.884 mg/L        0.0932       4.884 mg/L        0.0932   1.91%
   QC value within limits for Tl 276.787  Recovery = 97.69%
Tl 351.924†               0.0     0.00000 mg/L      0.000000     0.00000 mg/L      0.000000   0.00%
   QC value less than the lower limit for Tl 351.924  Recovery = 0.00%
V 290.880†             901.4      0.9345 mg/L       0.01393      0.9345 mg/L       0.01393   1.49%
   QC value within limits for V 290.880  Recovery = 93.45%
V 309.310†            1746.1       1.044 mg/L        0.0145       1.044 mg/L        0.0145   1.39%
   QC value within limits for V 309.310  Recovery = 104.41%
V 310.230†          110281.8      0.9116 mg/L       0.01322      0.9116 mg/L       0.01322   1.45%
   QC value within limits for V 310.230  Recovery = 91.16%
Zn 202.548†             201.8      0.9547 mg/L       0.01594      0.9547 mg/L       0.01594   1.67%
   QC value within limits for Zn 202.548  Recovery = 95.47%
Zn 206.200†              80.7      0.9803 mg/L       0.00993      0.9803 mg/L       0.00993   1.01%
   QC value within limits for Zn 206.200  Recovery = 98.03%
Zn 213.857†             394.5      0.9832 mg/L       0.00982      0.9832 mg/L       0.00982   1.00%
   QC value within limits for Zn 213.857  Recovery = 98.32%
QC Failed.  Continue with analysis.
```

Sequence No.: 13
Sample ID: LCM2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/30/01 4:36:40 PM
Sample Prep Volume:
Data Type: Original

Mean Data: LCM2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	115943.6						787.67	0.68%
Y 360.073	2886817.9						16902.36	0.59%
Ag 328.068†	7657.0	0.04769	mg/L	0.000288	0.04769	mg/L	0.000288	0.60%
QC value within limits for Ag 328.068 Recovery = 95.38%								
Ag 338.289†	4117.6	0.04824	mg/L	0.000514	0.04824	mg/L	0.000514	1.06%
QC value within limits for Ag 338.289 Recovery = 96.49%								
Al 308.215†	1.4	0.00631	mg/L	0.010521	0.00631	mg/L	0.010521	166.84%
Al 394.401†	8.7	0.01839	mg/L	0.006687	0.01839	mg/L	0.006687	36.36%
Al 396.153†	8.3	0.00412	mg/L	0.004817	0.00412	mg/L	0.004817	116.88%
As 188.979†	0.6	0.2373	mg/L	0.50370	0.2373	mg/L	0.50370	212.31%

As 193.696†	1.7	0.00232 mg/L	0.001492	0.00232 mg/L	0.001492	64.42%
As 197.197†	-0.2	-0.08231 mg/L	0.228698	-0.08231 mg/L	0.228698	277.85%
B 208.889†	2.3	0.09557 mg/L	0.098480	0.09557 mg/L	0.098480	103.04%
B 249.677†	6.3	0.02551 mg/L	0.022052	0.02551 mg/L	0.022052	86.46%
B 249.772†	10.6	0.02033 mg/L	0.003677	0.02033 mg/L	0.003677	18.09%
Ba 233.527†	0.6	0.00110 mg/L	0.001679	0.00110 mg/L	0.001679	152.81%
Ba 455.403†	16.1	0.00027 mg/L	0.000043	0.00027 mg/L	0.000043	16.02%
Ba 493.408†	-15.6	-0.00015 mg/L	0.000302	-0.00015 mg/L	0.000302	195.85%
Be 234.861†	294.8	0.00108 mg/L	0.000045	0.00108 mg/L	0.000045	4.17%
Be 313.042†	1.4	0.00006 mg/L	0.000031	0.00006 mg/L	0.000031	50.53%
Be 313.107†	1.4	0.00006 mg/L	0.000031	0.00006 mg/L	0.000031	50.53%
Ca 315.887†	35.5	0.03482 mg/L	0.009769	0.03482 mg/L	0.009769	28.05%
Ca 317.933†	-4.7	-0.00494 mg/L	0.001838	-0.00494 mg/L	0.001838	37.20%
Cd 214.440†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
Cd 226.502†	-3.9	-0.00015 mg/L	0.000109	-0.00015 mg/L	0.000109	74.36%
Cd 228.802†	0.2	0.00033 mg/L	0.001380	0.00033 mg/L	0.001380	414.33%
Ce 413.380†	-5.6	-0.00561 mg/L	0.002005	-0.00561 mg/L	0.002005	35.70%
Ce 413.764†	-11.9	-0.01184 mg/L	0.010581	-0.01184 mg/L	0.010581	89.33%
Ce 418.660†	-11.6	-0.00565 mg/L	0.006539	-0.00565 mg/L	0.006539	115.66%
Co 228.616†	-5.9	-0.00019 mg/L	0.000059	-0.00019 mg/L	0.000059	31.66%
Co 230.786†	-0.5	-0.00330 mg/L	0.003240	-0.00330 mg/L	0.003240	98.09%
Co 238.892†	0.2	0.00089 mg/L	0.001548	0.00089 mg/L	0.001548	173.15%
Cr 205.560†	-0.4	-0.01739 mg/L	0.009531	-0.01739 mg/L	0.009531	54.81%
Cr 267.716†	17.0	0.00074 mg/L	0.000055	0.00074 mg/L	0.000055	7.43%
Cr 283.563†	-3.7	-0.00438 mg/L	0.002783	-0.00438 mg/L	0.002783	63.53%
Cu 224.700†	1.2	0.01319 mg/L	0.011560	0.01319 mg/L	0.011560	87.61%
Cu 324.752†	-12.9	-0.00337 mg/L	0.000676	-0.00337 mg/L	0.000676	20.04%
Cu 327.393†	-87.0	-0.00170 mg/L	0.000325	-0.00170 mg/L	0.000325	19.17%
Fe 238.204†	0.6	0.00092 mg/L	0.001299	0.00092 mg/L	0.001299	141.10%
Fe 239.562†	0.7	0.00160 mg/L	0.001250	0.00160 mg/L	0.001250	78.11%
Fe 259.939†	0.8	0.00067 mg/L	0.000628	0.00067 mg/L	0.000628	93.45%
Fe 273.955†	0.1	0.00067 mg/L	0.000647	0.00067 mg/L	0.000647	96.79%
K 766.490†	-34.4	-0.07773 mg/L	0.021651	-0.07773 mg/L	0.021651	27.86%
Li 610.362†	7.8	0.00166 mg/L	0.010009	0.00166 mg/L	0.010009	603.86%
Li 670.784†	35.5	0.00091 mg/L	0.000875	0.00091 mg/L	0.000875	96.39%
Mg 279.077†	2.9	0.01485 mg/L	0.031087	0.01485 mg/L	0.031087	209.33%
Mg 280.271†	212.8	0.00674 mg/L	0.000317	0.00674 mg/L	0.000317	4.71%
Mg 285.213†	6.4	0.00685 mg/L	0.000613	0.00685 mg/L	0.000613	8.95%
Mn 257.610†	0.9	0.00016 mg/L	0.000168	0.00016 mg/L	0.000168	107.50%
Mn 259.372†	4.7	0.00054 mg/L	0.000162	0.00054 mg/L	0.000162	30.16%
Mn 260.568†	-0.2	-0.00005 mg/L	0.000315	-0.00005 mg/L	0.000315	620.06%
Mo 202.031†	0.6	0.01998 mg/L	0.017509	0.01998 mg/L	0.017509	87.63%
Mo 203.845†	-0.4	-0.02340 mg/L	0.082425	-0.02340 mg/L	0.082425	352.27%
Mo 204.597†	-0.2	-0.00002 mg/L	0.000270	-0.00002 mg/L	0.000270	>999.9%
Na 588.995†	-134.4	-0.03733 mg/L	0.007022	-0.03733 mg/L	0.007022	18.81%
Na 589.592†	-60.6	-0.01608 mg/L	0.019621	-0.01608 mg/L	0.019621	122.06%
Ni 221.648†	-0.2	-0.00639 mg/L	0.010642	-0.00639 mg/L	0.010642	166.64%
Ni 231.604†	3.7	0.00033 mg/L	0.000192	0.00033 mg/L	0.000192	58.41%
Ni 232.003†	-0.2	-0.00270 mg/L	0.017010	-0.00270 mg/L	0.017010	630.10%
Pb 217.000†	-0.1	-0.01289 mg/L	0.075034	-0.01289 mg/L	0.075034	582.19%
Pb 220.353†	4.6	0.00196 mg/L	0.000782	0.00196 mg/L	0.000782	39.83%
Sb 206.836†	10.0	0.00621 mg/L	0.001454	0.00621 mg/L	0.001454	23.42%
Sb 217.582†	0.5	0.07555 mg/L	0.123116	0.07555 mg/L	0.123116	162.95%
Se 196.026†	0.8	0.00095 mg/L	0.001343	0.00095 mg/L	0.001343	141.79%
Se 203.985†	7.7	0.01783 mg/L	0.008149	0.01783 mg/L	0.008149	45.70%
Sn 189.927†	2.8	0.00260 mg/L	0.000455	0.00260 mg/L	0.000455	17.48%
Sn 235.485†	2.4	0.08709 mg/L	0.075558	0.08709 mg/L	0.075558	86.76%
Sr 407.771†	38.7	0.00038 mg/L	0.000075	0.00038 mg/L	0.000075	19.38%
Sr 421.552†	67.3	0.00042 mg/L	0.000058	0.00042 mg/L	0.000058	13.84%
Sr 460.733†	-41.3	-0.00574 mg/L	0.010040	-0.00574 mg/L	0.010040	175.01%
Ti 334.940†	-1.3	-0.00015 mg/L	0.000272	-0.00015 mg/L	0.000272	178.90%
Ti 336.121†	31.2	0.00438 mg/L	0.000334	0.00438 mg/L	0.000334	7.63%
Ti 337.279†	0.3	0.00012 mg/L	0.000753	0.00012 mg/L	0.000753	605.25%
Tl 190.801†	1.0	0.00147 mg/L	0.003156	0.00147 mg/L	0.003156	215.33%
Tl 276.787†	20.1	0.00610 mg/L	0.001485	0.00610 mg/L	0.001485	24.33%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	2.4	0.00248 mg/L	0.003021	0.00248 mg/L	0.003021	121.58%
V 309.310†	-9.6	-0.00575 mg/L	0.000707	-0.00575 mg/L	0.000707	12.28%
V 310.230†	-4595.5	-0.03799 mg/L	0.000620	-0.03799 mg/L	0.000620	1.63%
Zn 202.548†	4.2	0.01975 mg/L	0.003860	0.01975 mg/L	0.003860	19.54%

Zn 206.200†	0.9	0.01151	mg/L	0.003851	0.01151	mg/L	0.003851	33.46%
Zn 213.857†	3.6	0.00913	mg/L	0.003057	0.00913	mg/L	0.003057	33.48%

All analytes passed QC.

Sequence No.: 14
Sample ID: Hi AQC
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/30/01 4:41:08 PM
Sample Prep Volume:
Data Type: Original

Mean Data: Hi AQC

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	114946.4						276.47	0.24%
Y 360.073	2783445.2						10823.44	0.39%
Ag 328.068†	65.8	0.00041	mg/L	0.000185	0.00041	mg/L	0.000185	45.14%
Ag 338.289†	93.9	0.00110	mg/L	0.000081	0.00110	mg/L	0.000081	7.40%
Al 308.215†	21424.1	98.14	mg/L	1.275	98.14	mg/L	1.275	1.30%
QC value within limits for Al 308.215 Recovery = 98.14%								
Al 394.401†	46885.2	99.67	mg/L	1.351	99.67	mg/L	1.351	1.36%
Al 396.153†	162519.7	98.53	mg/L	0.451	98.53	mg/L	0.451	0.46%
As 188.979†	-0.5	-0.1809	mg/L	0.59963	-0.1809	mg/L	0.59963	331.46%
As 193.696†	9.3	0.01290	mg/L	0.003148	0.01290	mg/L	0.003148	24.40%
As 197.197†	-0.5	-0.2790	mg/L	0.24785	-0.2790	mg/L	0.24785	88.82%
B 208.889†	1.6	0.06697	mg/L	0.102893	0.06697	mg/L	0.102893	153.65%
B 249.677†	0.3	0.00125	mg/L	0.012188	0.00125	mg/L	0.012188	977.85%
B 249.772†	67.4	0.1293	mg/L	0.00359	0.1293	mg/L	0.00359	2.78%
Ba 233.527†	1.2	0.00204	mg/L	0.001417	0.00204	mg/L	0.001417	69.45%
Ba 455.403†	12.5	0.00021	mg/L	0.000046	0.00021	mg/L	0.000046	21.96%
Ba 493.408†	112.3	0.00111	mg/L	0.000406	0.00111	mg/L	0.000406	36.67%
Be 234.861†	-75022.1	-0.2750	mg/L	0.00491	-0.2750	mg/L	0.00491	1.78%
Be 313.042†	3.4	0.00014	mg/L	0.000001	0.00014	mg/L	0.000001	1.01%
Be 313.107†	3.4	0.00014	mg/L	0.000001	0.00014	mg/L	0.000001	1.01%
Ca 315.887†	101799.8	99.96	mg/L	0.408	99.96	mg/L	0.408	0.41%
QC value within limits for Ca 315.887 Recovery = 99.96%								
Ca 317.933†	93311.2	97.33	mg/L	0.198	97.33	mg/L	0.198	0.20%
Cd 214.440†	0.0	0.00000	mg/L	0.000000	0.00000	mg/L	0.000000	0.00%
Cd 226.502†	37.9	0.00142	mg/L	0.000090	0.00142	mg/L	0.000090	6.33%
Cd 228.802†	0.7	0.00119	mg/L	0.001637	0.00119	mg/L	0.001637	137.01%
Ce 413.380†	20.2	0.02025	mg/L	0.009673	0.02025	mg/L	0.009673	47.76%
Ce 413.764†	-5.5	-0.00550	mg/L	0.010721	-0.00550	mg/L	0.010721	194.99%
Ce 418.660†	3.7	0.00180	mg/L	0.011983	0.00180	mg/L	0.011983	665.55%
Co 228.616†	-57.5	-0.00181	mg/L	0.000355	-0.00181	mg/L	0.000355	19.66%
Co 230.786†	-0.8	-0.00543	mg/L	0.002526	-0.00543	mg/L	0.002526	46.52%
Co 238.892†	26.7	0.1228	mg/L	0.01520	0.1228	mg/L	0.01520	12.37%
Cr 205.560†	-0.9	-0.04189	mg/L	0.011612	-0.04189	mg/L	0.011612	27.72%
Cr 267.716†	-23.2	-0.00101	mg/L	0.000220	-0.00101	mg/L	0.000220	21.83%
Cr 283.563†	-0.0	-0.00005	mg/L	0.002976	-0.00005	mg/L	0.002976	>999.9%
Cu 224.700†	1.1	0.01183	mg/L	0.005902	0.01183	mg/L	0.005902	49.89%
Cu 324.752†	-14.5	-0.00380	mg/L	0.000831	-0.00380	mg/L	0.000831	21.88%
Cu 327.393†	-21.7	-0.00042	mg/L	0.000372	-0.00042	mg/L	0.000372	88.01%
Fe 238.204†	57994.5	91.27	mg/L	0.346	91.27	mg/L	0.346	0.38%
Fe 239.562†	39685.2	90.13	mg/L	1.197	90.13	mg/L	1.197	1.33%
Fe 259.939†	119307.7	96.64	mg/L	0.293	96.64	mg/L	0.293	0.30%
Fe 273.955†	22217.7	106.1	mg/L	1.42	106.1	mg/L	1.42	1.34%
QC value within limits for Fe 273.955 Recovery = 106.14%								
K 766.490†	46853.5	106.0	mg/L	1.34	106.0	mg/L	1.34	1.26%
QC value within limits for K 766.490 Recovery = 105.97%								
Li 610.362†	-148.2	-0.03148	mg/L	0.017706	-0.03148	mg/L	0.017706	56.24%
Li 670.784†	222.6	0.00569	mg/L	0.002796	0.00569	mg/L	0.002796	49.15%
Mg 279.077†	11722.4	60.00	mg/L	0.921	60.00	mg/L	0.921	1.53%
QC value within limits for Mg 279.077 Recovery = 99.99%								
Mg 280.271†	1809624.6	57.35	mg/L	0.189	57.35	mg/L	0.189	0.33%
Mg 285.213†	51090.5	55.02	mg/L	0.598	55.02	mg/L	0.598	1.09%
Mn 257.610†	16.2	0.00286	mg/L	0.000023	0.00286	mg/L	0.000023	0.81%
Mn 259.372†	800.8	-0.00139	mg/L	0.001218	-0.00139	mg/L	0.001218	87.46%
Mn 260.568†	4.1	0.00105	mg/L	0.000310	0.00105	mg/L	0.000310	29.68%
Mo 202.031†	-0.9	-0.02896	mg/L	0.069867	-0.02896	mg/L	0.069867	241.26%

Mo 203.845†	0.2	0.01301 mg/L	0.091865	0.01301 mg/L	0.091865	785.88%
Mo 204.597†	3.9	0.00062 mg/L	0.000390	0.00062 mg/L	0.000390	62.74%
Na 588.995†	354059.1	98.37 mg/L	0.361	98.37 mg/L	0.361	0.37%
Na 589.592†	385976.7	102.5 mg/L	0.38	102.5 mg/L	0.38	0.37%
QC value within limits for Na 589.592 Recovery = 102.46%						
Ni 221.648†	0.1	0.00430 mg/L	0.010854	0.00430 mg/L	0.010854	252.32%
Ni 231.604†	20.8	0.00184 mg/L	0.000475	0.00184 mg/L	0.000475	25.83%
Ni 232.003†	0.1	0.00077 mg/L	0.005617	0.00077 mg/L	0.005617	729.28%
Pb 217.000†	-0.1	-0.00753 mg/L	0.026580	-0.00753 mg/L	0.026580	352.99%
Pb 220.353†	3.9	0.00165 mg/L	0.002082	0.00165 mg/L	0.002082	126.05%
Sb 206.836†	11.8	0.00730 mg/L	0.001653	0.00730 mg/L	0.001653	22.64%
Sb 217.582†	0.9	0.1277 mg/L	0.07519	0.1277 mg/L	0.07519	58.88%
Se 196.026†	-2.6	-0.00292 mg/L	0.001905	-0.00292 mg/L	0.001905	65.14%
Se 203.985†	11.9	0.02750 mg/L	0.001470	0.02750 mg/L	0.001470	5.35%
Sn 189.927†	-4.7	-0.00433 mg/L	0.001518	-0.00433 mg/L	0.001518	35.05%
Sn 235.485†	91.4	3.313 mg/L	0.0456	3.313 mg/L	0.0456	1.38%
Sr 407.771†	293.6	0.00292 mg/L	0.000030	0.00292 mg/L	0.000030	1.01%
Sr 421.552†	514.5	0.00320 mg/L	0.000097	0.00320 mg/L	0.000097	3.02%
Sr 460.733†	-66.1	-0.00917 mg/L	0.005174	-0.00917 mg/L	0.005174	56.42%
Ti 334.940†	4.3	0.00052 mg/L	0.000150	0.00052 mg/L	0.000150	29.16%
Ti 336.121†	35.1	0.00492 mg/L	0.000279	0.00492 mg/L	0.000279	5.67%
Ti 337.279†	1.5	0.00054 mg/L	0.000199	0.00054 mg/L	0.000199	37.04%
Tl 190.801†	4.1	0.00632 mg/L	0.007520	0.00632 mg/L	0.007520	118.99%
Tl 276.787†	4374.8	1.331 mg/L	0.0287	1.331 mg/L	0.0287	2.16%
Tl 351.924†	0.0	0.00000 mg/L	0.000000	0.00000 mg/L	0.000000	0.00%
V 290.880†	5.0	0.00516 mg/L	0.000545	0.00516 mg/L	0.000545	10.56%
V 309.310†	-120.6	-0.07212 mg/L	0.003103	-0.07212 mg/L	0.003103	4.30%
V 310.230†	-4276.3	-0.03535 mg/L	0.000371	-0.03535 mg/L	0.000371	1.05%
Zn 202.548†	5.9	0.02444 mg/L	0.003616	0.02444 mg/L	0.003616	14.80%
Zn 206.200†	-2.1	-0.02504 mg/L	0.003387	-0.02504 mg/L	0.003387	13.52%
Zn 213.857†	15.3	0.02916 mg/L	0.004131	0.02916 mg/L	0.004131	14.17%

All analytes passed QC.