

WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Thursday, March 21, 2002 12:46:01

Sample Type: Sample

Sample Description:

Number of Replicates: 3

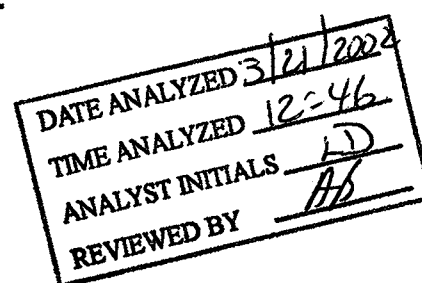
Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\Blank.134

Aliquot Volume (mL):

Diluted To Volume (mL):



Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10.667	35.493				ug/L
>	Sc-1	45	536091.616	1.070				ug/L
	Cr	52	8826.372	1.659				ug/L
	Cr	53	527.354	6.049				ug/L
	Mn	55	615.694	3.226				ug/L
	Ni	60	145.669	44.788				ug/L
	Cu	63	432.015	3.725				ug/L
	Cu	65	206.338	4.950				ug/L
[	Zn	66	4075.622	4.481				ug/L
	Zn	67	671.365	4.855				ug/L
	Zn	68	2979.851	0.482				ug/L
>	Ge	72	99440.249	0.830				ug/L
	As	75	-68.001	49.102				ug/L
	Se	77	149.336	9.116				ug/L
	Se	82	114.669	5.607				ug/L
	Y	89	1332909.157	2.138				ug/L
[	Ag	107	1837.204	1.805				ug/L
	Cd	111	1069.986	4.423				ug/L
	Cd	114	98.568	52.242				ug/L
>	In	115	1568736.046	0.571				ug/L
	Sb	121	338.343	8.937				ug/L
	Sb	123	297.688	3.577				ug/L
[	Ba	135	383.345	6.002				ug/L
	Ba	137	666.698	3.267				ug/L
>	Tb	159	2128410.781	0.450				ug/L
	Ho	165	2029893.753	0.564				ug/L
	Tl	205	518.020	6.077				ug/L
	Pb	208	6553.659	2.602				ug/L

Reviewed by,

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					

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	Cr	53
	Mn	55
	Ni	60
	Cu	63
	Cu	65
	Zn	66
	Zn	67
	Zn	68
>	Ge	72
	As	75
	Se	77
	Se	82
	Y	89
	Ag	107
	Cd	111
	Cd	114
>	In	115
	Sb	121
	Sb	123
	Ba	135
	Ba	137
>	Tb	159
	Ho	165
	Tl	205
	Pb	208

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
>	Be	9Linear Thru Zero	0.999998
	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	0.999947
	Cr	53Linear Thru Zero	0.999988
	Mn	55Linear Thru Zero	0.999929
	Ni	60Linear Thru Zero	0.999992
	Cu	63Linear Thru Zero	0.999870
	Cu	65Linear Thru Zero	0.999973
>	Zn	66Linear Thru Zero	0.999997
	Zn	67Linear Thru Zero	0.999992
	Zn	68Linear Thru Zero	0.999998
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999965
	Se	77Linear Thru Zero	0.999953
	Se	82Linear Thru Zero	0.999996
	Y	89Linear Thru Zero	
>	Ag	107Linear Thru Zero	0.999998
	Cd	111Linear Thru Zero	0.999953
	Cd	114Linear Thru Zero	0.999983
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	0.999991
	Sb	123Linear Thru Zero	0.999995

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[	Ba	135Linear Thru Zero	0.999955
	Ba	137Linear Thru Zero	0.999904
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.998700
[	Pb	208Linear Thru Zero	0.999843

WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Thursday, March 21, 2002 12:49:05

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\Standard 1.135

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10193.147	0.867	0.019	30.18345	1.54	ug/L
>	Sc-1	45	525793.992	0.831	525793.992			ug/L
	Cr	52	301173.586	0.588	0.556	30.63316	1.39	ug/L
	Cr	53	35482.137	1.235	0.067	30.98666	1.67	ug/L
	Mn	55	457088.845	0.192	0.868	30.55933	0.66	ug/L
	Ni	60	80525.214	0.783	0.153	30.39933	1.60	ug/L
	Cu	63	182351.863	0.342	0.346	30.68927	0.67	ug/L
	Cu	65	88329.028	1.998	0.168	29.99397	2.61	ug/L
[	Zn	66	55280.116	0.235	0.523	30.03366	0.80	ug/L
	Zn	67	9686.922	1.188	0.092	29.55274	2.00	ug/L
	Zn	68	40602.548	1.049	0.384	29.77741	1.74	ug/L
>	Ge	72	98009.143	0.681	98009.143			ug/L
	As	75	60262.477	2.029	0.616	30.08488	2.27	ug/L
	Se	77	5358.633	0.961	0.053	30.06281	1.64	ug/L
	Se	82	7093.504	1.343	0.071	29.42379	1.52	ug/L
	Y	89	1315017.431	0.906	-17891.726			ug/L
[	Ag	107	372521.371	0.573	0.239	29.04126	0.51	ug/L
	Cd	111	93161.679	1.439	0.059	29.95171	0.75	ug/L
	Cd	114	221082.727	1.140	0.142	30.26408	1.92	ug/L
>	In	115	1553496.107	0.887	1553496.107			ug/L
	Sb	121	296279.730	1.361	0.191	29.73579	2.12	ug/L
	Sb	123	226785.023	1.463	0.146	29.66065	0.67	ug/L
[	Ba	135	100629.550	0.168	0.047	30.98718	1.04	ug/L
	Ba	137	175418.561	1.419	0.083	30.94861	2.02	ug/L
>	Tb	159	2111030.169	1.142	2111030.169			ug/L
	Ho	165	2034363.878	0.276	0.010			ug/L
	Tl	205	908771.554	0.455	0.430	32.69698	1.11	ug/L
	Pb	208	1229152.744	1.544	0.579	31.02228	0.44	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					

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	Cr	53
	Mn	55
	Ni	60
	Cu	63
	Cu	65
	Zn	66
	Zn	67
	Zn	68
>	Ge	72
	As	75
	Se	77
	Se	82
	Y	89
	Ag	107
	Cd	111
	Cd	114
>	In	115
	Sb	121
	Sb	123
	Ba	135
	Ba	137
>	Tb	159
	Ho	165
	Tl	205
	Pb	208

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero
>	Sc-1	45Linear Thru Zero
	Cr	52Linear Thru Zero
	Cr	53Linear Thru Zero
	Mn	55Linear Thru Zero
	Ni	60Linear Thru Zero
	Cu	63Linear Thru Zero
	Cu	65Linear Thru Zero
	Zn	66Linear Thru Zero
	Zn	67Linear Thru Zero
	Zn	68Linear Thru Zero
>	Ge	72Linear Thru Zero
	As	75Linear Thru Zero
	Se	77Linear Thru Zero
	Se	82Linear Thru Zero
	Y	89Linear Thru Zero
	Ag	107Linear Thru Zero
	Cd	111Linear Thru Zero
	Cd	114Linear Thru Zero
>	In	115Linear Thru Zero
	Sb	121Linear Thru Zero
	Sb	123Linear Thru Zero

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[	Ba	135Linear Thru Zero	0.999865
	Ba	137Linear Thru Zero	0.999875
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.998991
[	Pb	208Linear Thru Zero	0.999855

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Thursday, March 21, 2002 12:52:42

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\Standard 2.136

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	20861.453	1.361	0.040	60.24365	2.08	ug/L
>	Sc-1	45	527471.016	1.147	527471.016			ug/L
	Cr	52	595528.429	1.591	1.113	59.99802	1.17	ug/L
	Cr	53	69444.596	0.618	0.131	59.78686	0.57	ug/L
	Mn	55	902163.761	1.670	1.709	59.80913	0.72	ug/L
	Ni	60	157386.386	1.264	0.298	59.69279	0.85	ug/L
	Cu	63	362779.609	0.590	0.687	59.91306	1.66	ug/L
	Cu	65	175478.686	2.207	0.332	59.89285	1.52	ug/L
	Zn	66	109215.661	1.641	1.067	60.23243	0.37	ug/L
	Zn	67	18947.249	1.105	0.185	60.08092	1.39	ug/L
	Zn	68	79351.641	1.288	0.775	60.09611	0.28	ug/L
>	Ge	72	98594.469	1.284	98594.469			ug/L
	As	75	120360.370	0.747	1.222	59.90672	1.99	ug/L
	Se	77	10693.059	0.587	0.107	60.06818	0.90	ug/L
	Se	82	14271.670	0.352	0.144	60.09778	1.65	ug/L
	Y	89	1326806.341	0.191	-6102.816			ug/L
	Ag	107	763679.214	1.231	0.491	60.34206	2.31	ug/L
	Cd	111	184751.749	1.222	0.118	59.98572	2.34	ug/L
	Cd	114	435981.894	1.979	0.281	59.85085	2.95	ug/L
>	In	115	1551336.916	1.095	1551336.916			ug/L
	Sb	121	592169.303	1.421	0.382	60.01641	2.52	ug/L
	Sb	123	454152.282	0.448	0.293	60.04143	1.42	ug/L
	Ba	135	199985.114	0.655	0.093	59.73904	0.73	ug/L
	Ba	137	348778.963	1.927	0.162	59.74363	1.48	ug/L
>	Tb	159	2147305.086	0.443	2147305.086			ug/L
	Ho	165	2067685.513	1.395	0.009			ug/L
	Tl	205	1777194.298	2.041	0.827	59.52281	1.93	ug/L
	Pb	208	2435246.152	0.834	1.131	59.71201	1.05	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45					
	Cr	52					

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	Cr	53
	Mn	55
	Ni	60
	Cu	63
	Cu	65
	Zn	66
	Zn	67
	Zn	68
>	Ge	72
	As	75
	Se	77
	Se	82
	Y	89
	Ag	107
	Cd	111
	Cd	114
>	In	115
	Sb	121
	Sb	123
	Ba	135
	Ba	137
>	Tb	159
	Ho	165
	Tl	205
	Pb	208

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
Y	89Linear Thru Zero	
Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999



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[	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954



WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: ICV CAL BK**

Sample Date/Time: Thursday, March 21, 2002 13:01:27

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\ICV CAL BK.137

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	9.667	5.973	-0.000	-0.00222	96.14	ug/L
>	Sc-1	45	524819.409	2.688	524819.409			ug/L
	Cr	52	8763.644	1.744	0.000	0.01289	149.68	ug/L
	Cr	53	580.358	15.142	0.000	0.05553	127.59	ug/L
	Mn	55	760.043	38.684	0.000	0.01040	182.56	ug/L
	Ni	60	132.669	18.622	-0.000	-0.00378	245.01	ug/L
	Cu	63	416.014	0.867	-0.000	-0.00112	132.12	ug/L
	Cu	65	232.339	2.371	0.000	0.01048	34.92	ug/L
[	Zn	66	4053.945	2.292	0.001	0.03714	185.28	ug/L
	Zn	67	659.364	6.298	0.000	0.00583	1912.76	ug/L
	Zn	68	2908.828	2.572	-0.000	-0.00611	1569.58	ug/L
>	Ge	72	97368.038	1.572	97368.038			ug/L
	As	75	-46.434	87.587	0.000	0.01001	208.59	ug/L
	Se	77	141.669	0.815	-0.000	-0.02608	72.90	ug/L
	Se	82	114.335	6.623	0.000	0.00887	364.13	ug/L
	Y	89	1302879.198	1.476	-30029.959			ug/L
[	Ag	107	1214.427	10.537	-0.000	-0.04630	20.47	ug/L
	Cd	111	1024.936	2.695	-0.000	-0.00580	85.08	ug/L
	Cd	114	85.564	40.512	-0.000	-0.00146	331.20	ug/L
>	In	115	1528177.839	1.375	1528177.839			ug/L
	Sb	121	250.339	4.021	-0.000	-0.00816	10.26	ug/L
	Sb	123	205.738	9.697	-0.000	-0.01130	25.37	ug/L
[	Ba	135	381.678	2.102	-0.000	-0.00167	161.74	ug/L
	Ba	137	673.032	1.932	-0.000	-0.00008	2963.68	ug/L
>	Tb	159	2150199.748	0.316	2150199.748			ug/L
	Ho	165	2011876.043	1.594	-0.018			ug/L
	Tl	205	475.351	7.578	-0.000	-0.00161	72.23	ug/L
	Pb	208	6388.945	1.018	-0.000	-0.00569	19.37	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rei. % Diff
[	Be	9					
>	Sc-1	45		97.897			
	Cr	52					

Sample ID: ICV CAL BK

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	Cr	53	
	Mn	55	
	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.916
	As	75	
	Se	77	
	Se	82	
	Y	89	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	97.415
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	101.024
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero
>	Sc-1	45Linear Thru Zero
	Cr	52Linear Thru Zero
	Cr	53Linear Thru Zero
	Mn	55Linear Thru Zero
	Ni	60Linear Thru Zero
	Cu	63Linear Thru Zero
	Cu	65Linear Thru Zero
	Zn	66Linear Thru Zero
	Zn	67Linear Thru Zero
	Zn	68Linear Thru Zero
>	Ge	72Linear Thru Zero
	As	75Linear Thru Zero
	Se	77Linear Thru Zero
	Se	82Linear Thru Zero
	Y	89Linear Thru Zero
	Ag	107Linear Thru Zero
	Cd	111Linear Thru Zero
	Cd	114Linear Thru Zero
>	In	115Linear Thru Zero
	Sb	121Linear Thru Zero
	Sb	123Linear Thru Zero

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[	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
[	Pb	208Linear Thru Zero	0.999954

WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: ICV STD1 30 PPB**

Sample Date/Time: Thursday, March 21, 2002 13:04:45

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\ICV STD1 30 PPB.138

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10139.419	0.610	0.020	29.71863	0.66	ug/L
>	Sc-1	45	519368.908	0.566	519368.908			ug/L
	Cr	52	300847.467	0.788	0.563	30.34999	0.54	ug/L
	Cr	53	34771.054	0.927	0.066	30.17989	0.72	ug/L
	Mn	55	454224.924	0.807	0.873	30.56384	0.40	ug/L
	Ni	60	79465.707	2.229	0.153	30.58583	2.80	ug/L
	Cu	63	180147.937	0.769	0.346	30.17844	1.32	ug/L
	Cu	65	89144.178	0.892	0.171	30.86995	1.45	ug/L
[	Zn	66	55231.545	2.264	0.532	30.01818	1.34	ug/L
	Zn	67	9840.422	1.380	0.095	30.87497	2.65	ug/L
	Zn	68	40242.955	1.394	0.387	30.04065	2.39	ug/L
>	Ge	72	96449.608	1.122	96449.608			ug/L
	As	75	60631.431	0.719	0.629	30.86351	1.59	ug/L
	Se	77	5439.015	1.829	0.055	30.82706	1.81	ug/L
	Se	82	7230.613	0.491	0.074	30.89077	1.26	ug/L
	Y	89	1310022.386	1.008	-22886.771			ug/L
[	Ag	107	377044.579	0.506	0.245	30.12852	0.50	ug/L
	Cd	111	93399.729	1.987	0.060	30.57605	2.78	ug/L
	Cd	114	221086.742	0.551	0.144	30.75892	0.63	ug/L
>	In	115	1530157.688	0.937	1530157.688			ug/L
	Sb	121	295717.049	1.203	0.193	30.36610	1.78	ug/L
	Sb	123	227883.308	0.668	0.149	30.52525	1.59	ug/L
[	Ba	135	99260.299	0.881	0.047	30.06067	0.20	ug/L
	Ba	137	173821.312	1.467	0.082	30.19244	2.35	ug/L
>	Tb	159	2113978.553	0.940	2113978.553			ug/L
	Ho	165	1991330.547	0.423	-0.012			ug/L
	Tl	205	911787.973	1.687	0.431	31.01516	2.37	ug/L
	Pb	208	1232047.078	0.340	0.580	30.60830	1.10	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		96.881			
	Cr	52					

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	Cr	53	
	Mn	55	
	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	96.993
	As	75	
	Se	77	
	Se	82	
	Y	89	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	97.541
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.322
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
Y	89Linear Thru Zero	
Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999

Sample ID: ICV STD1 30 PPB

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[	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: ICV STD2 60 PPB**

Sample Date/Time: Thursday, March 21, 2002 13:08:29

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Batch ID:

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\ICV STD2 60 PPB.139

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	20337.929	0.950	0.038	57.86811	3.24	ug/L
>	Sc-1	45	535562.574	2.680	535562.574			ug/L
	Cr	52	583466.987	0.535	1.074	57.89393	3.00	ug/L
	Cr	53	68665.403	1.529	0.127	58.23606	3.07	ug/L
	Mn	55	892237.986	0.909	1.666	58.29535	3.57	ug/L
	Ni	60	154912.428	2.398	0.289	57.90280	4.34	ug/L
	Cu	63	361472.935	0.265	0.674	58.81698	2.89	ug/L
	Cu	65	174282.474	0.406	0.325	58.61572	2.78	ug/L
	Zn	66	107562.695	0.887	1.051	59.35873	1.53	ug/L
	Zn	67	19192.764	0.673	0.188	60.95977	1.99	ug/L
	Zn	68	77830.214	1.122	0.760	58.97659	2.55	ug/L
>	Ge	72	98492.046	1.414	98492.046			ug/L
	As	75	121111.040	1.779	1.231	60.35036	3.15	ug/L
	Se	77	10496.497	2.325	0.105	59.01512	2.83	ug/L
	Se	82	14206.243	3.583	0.143	59.89738	4.79	ug/L
	Y	89	1303948.708	0.711	-28960.449			ug/L
[	Ag	107	759675.915	1.049	0.494	60.63829	1.88	ug/L
	Cd	111	187610.428	2.283	0.122	61.54633	3.03	ug/L
	Cd	114	432862.175	0.834	0.282	60.02100	0.62	ug/L
>	In	115	1535592.369	0.885	1535592.369			ug/L
	Sb	121	582288.055	0.670	0.379	59.61402	1.50	ug/L
	Sb	123	450607.724	1.530	0.293	60.18458	2.24	ug/L
[	Ba	135	198030.774	1.086	0.094	60.31386	1.00	ug/L
	Ba	137	349096.115	1.139	0.165	60.97573	1.46	ug/L
>	Tb	159	2106071.954	0.405	2106071.954			ug/L
	Ho	165	2009204.945	1.589	0.000			ug/L
	Tl	205	1776131.639	1.049	0.843	60.65249	0.90	ug/L
	Pb	208	2403509.181	1.106	1.138	60.08665	0.81	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		99.901			
	Cr	52					

Sample ID: ICV STD2 60 PPB

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[	Cr	53	
[	Mn	55	
[	Ni	60	
[	Cu	63	
[	Cu	65	
[	Zn	66	
[	Zn	67	
[	Zn	68	
>	Ge	72	99.046
[	As	75	
[	Se	77	
[	Se	82	
[	Y	89	
[	Ag	107	
[	Cd	111	
[	Cd	114	
>	In	115	97.887
[	Sb	121	
[	Sb	123	
[	Ba	135	
[	Ba	137	
>	Tb	159	98.950
[	Ho	165	
[	Tl	205	
[	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
> Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
[Cr	52Linear Thru Zero	1.000000
[Cr	53Linear Thru Zero	0.999975
[Mn	55Linear Thru Zero	0.999980
[Ni	60Linear Thru Zero	0.999948
[Cu	63Linear Thru Zero	0.999996
[Cu	65Linear Thru Zero	0.999994
[Zn	66Linear Thru Zero	0.999970
[Zn	67Linear Thru Zero	0.999996
[Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
[As	75Linear Thru Zero	0.999995
[Se	77Linear Thru Zero	0.999997
[Se	82Linear Thru Zero	0.999995
[Y	89Linear Thru Zero	
[Ag	107Linear Thru Zero	0.999935
[Cd	111Linear Thru Zero	1.000000
[Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
[Sb	121Linear Thru Zero	1.000000
[Sb	123Linear Thru Zero	0.999999
[Ba	135Linear Thru Zero	0.999962
[Ba	137Linear Thru Zero	0.999963
> Tb	159Linear Thru Zero	
[Ho	165Linear Thru Zero	

Sample ID: ICV STD2 60 PPB

Report Date/Time: Thursday, March 21, 2002 13:10:19

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	TI	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: ICV STD2 60 PPB
Report Date/Time: Thursday, March 21, 2002 13:10:19
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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: QCS 50 PPB**

Sample Date/Time: Thursday, March 21, 2002 13:14:16

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\QCS 50 PPB.140

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17104.248	1.284	0.032	49.33163	3.01	ug/L
>	Sc-1	45	528210.823	2.033	528210.823			ug/L
	Cr	52	492865.348	1.320	0.917	49.44057	1.84	ug/L
	Cr	53	58481.768	1.092	0.110	50.22553	3.11	ug/L
	Mn	55	762866.179	0.948	1.443	50.50695	1.26	ug/L
	Ni	60	141882.515	9.476	0.269	53.78996	10.96	ug/L
	Cu	63	301530.896	1.647	0.570	49.71265	0.47	ug/L
	Cu	65	145558.209	0.872	0.275	49.61565	2.31	ug/L
[	Zn	66	89849.488	1.847	0.884	49.89005	0.78	ug/L
	Zn	67	15928.769	0.269	0.157	50.92497	1.40	ug/L
	Zn	68	66134.691	0.848	0.651	50.45835	0.42	ug/L
>	Ge	72	97178.991	1.165	97178.991			ug/L
	As	75	101049.536	0.644	1.041	51.02641	0.61	ug/L
	Se	77	8821.033	1.525	0.089	50.13140	0.41	ug/L
	Se	82	11610.860	1.426	0.118	49.51338	0.52	ug/L
	Y	89	1310913.757	0.891	-21995.400			ug/L
[	Ag	107	632908.201	1.594	0.409	50.21977	2.65	ug/L
	Cd	111	151295.205	0.665	0.097	49.28860	1.70	ug/L
	Cd	114	359011.208	0.799	0.232	49.50853	1.77	ug/L
>	In	115	1544148.974	1.270	1544148.974			ug/L
	Sb	121	496230.428	1.659	0.321	50.51239	1.04	ug/L
	Sb	123	385768.099	0.417	0.250	51.23446	1.67	ug/L
[	Ba	135	164051.422	1.282	0.077	49.41280	1.91	ug/L
	Ba	137	285795.474	0.765	0.134	49.36082	0.31	ug/L
>	Tb	159	2128878.477	0.704	2128878.477			ug/L
	Ho	165	2025829.172	0.612	-0.002			ug/L
	Tl	205	1518744.829	1.464	0.713	51.30461	1.19	ug/L
	Pb	208	2015068.777	0.914	0.943	49.80967	0.83	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		98.530			
	Cr	52					
	Cr	53					

Sample ID: QCS 50 PPB

Report Date/Time: Thursday, March 21, 2002 13:16:06

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	Mn	55	
	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	97.726
	As	75	
	Se	77	
	Se	82	
	Y	89	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	98.433
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	100.022
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999967
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	1.000000
	Cr 53Linear Thru Zero	0.999975
	Mn 55Linear Thru Zero	0.999980
	Ni 60Linear Thru Zero	0.999948
	Cu 63Linear Thru Zero	0.999996
	Cu 65Linear Thru Zero	0.999994
	Zn 66Linear Thru Zero	0.999970
	Zn 67Linear Thru Zero	0.999996
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999997
	Se 82Linear Thru Zero	0.999995
	Y 89Linear Thru Zero	
	Ag 107Linear Thru Zero	0.999935
	Cd 111Linear Thru Zero	1.000000
	Cd 114Linear Thru Zero	0.999988
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999962
	Ba 137Linear Thru Zero	0.999963
>	Tb 159Linear Thru Zero	
	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999874

Sample ID: QCS 50 PPB

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[	Pb	208Linear Thru Zero	0.999954
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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: LFB 50 PPB**

Sample Date/Time: Thursday, March 21, 2002 13:17:22

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\LFB 50 PPB.141

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	17311.643	1.420	0.033	50.89037	1.91	ug/L
>	Sc-1	45	518086.074	0.592	518086.074			ug/L
	Cr	52	490887.033	1.422	0.931	50.21025	1.66	ug/L
	Cr	53	57136.251	1.516	0.109	50.01026	2.11	ug/L
	Mn	55	744964.756	1.584	1.437	50.28168	2.17	ug/L
	Ni	60	131176.371	1.373	0.253	50.64636	1.67	ug/L
	Cu	63	301066.902	1.663	0.580	50.60900	2.23	ug/L
	Cu	65	145130.150	1.144	0.280	50.42638	1.72	ug/L
	Zn	66	90484.031	1.373	0.907	51.23088	0.97	ug/L
	Zn	67	15863.321	1.002	0.159	51.67747	0.73	ug/L
	Zn	68	65620.325	1.248	0.658	51.01601	1.73	ug/L
>	Ge	72	95417.427	0.604	95417.427			ug/L
	As	75	100124.693	0.925	1.050	51.49212	1.26	ug/L
	Se	77	8845.724	2.021	0.091	51.22420	2.62	ug/L
	Se	82	11785.753	0.305	0.122	51.20572	0.83	ug/L
	Y	89	1300356.849	1.966	-32552.308			ug/L
	Ag	107	628778.789	2.010	0.420	51.63661	2.97	ug/L
	Cd	111	154267.889	0.486	0.103	52.02753	1.39	ug/L
	Cd	114	361027.214	1.407	0.242	51.52521	2.35	ug/L
>	In	115	1492077.835	0.964	1492077.835			ug/L
	Sb	121	484320.642	1.028	0.324	51.02581	1.71	ug/L
	Sb	123	371009.731	1.297	0.248	50.99180	1.95	ug/L
	Ba	135	164817.275	0.183	0.079	50.53349	0.72	ug/L
	Ba	137	284996.135	0.249	0.136	50.10852	0.74	ug/L
>	Tb	159	2091380.597	0.627	2091380.597			ug/L
	Ho	165	1997663.731	1.482	0.001			ug/L
	Tl	205	1474413.614	0.752	0.705	50.70020	0.38	ug/L
	Pb	208	2008795.670	0.389	0.957	50.54725	0.28	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		96.641			
	Cr	52					
	Cr	53					

Sample ID: LFB 50 PPB

Report Date/Time: Thursday, March 21, 2002 13:19:12

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	Mn	55	
	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.955
	As	75	
	Se	77	
	Se	82	
	Y	89	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	95.113
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	98.260
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Y	89Linear Thru Zero	
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874

Sample ID: LFB 50 PPB

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[	Pb	208Linear Thru Zero	0.999954
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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: LRB**

Sample Date/Time: Thursday, March 21, 2002 13:22:30

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\LRB.142

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	10.667	23.593	-0.000	-0.00079	913.59	ug/L
>	Sc-1	45	551435.900	1.628	551435.900			ug/L
	Cr	52	9062.305	10.481	-0.000	-0.00143	6613.44	ug/L
	Cr	53	565.023	4.927	0.000	0.01871	112.18	ug/L
	Mn	55	575.357	8.555	-0.000	-0.00370	69.13	ug/L
	Ni	60	127.669	21.255	-0.000	-0.00803	123.64	ug/L
	Cu	63	452.016	5.986	0.000	0.00117	265.00	ug/L
	Cu	65	212.671	8.442	0.000	0.00020	3436.74	ug/L
	Zn	66	4244.367	3.220	0.002	0.10138	111.23	ug/L
	Zn	67	625.361	2.639	-0.000	-0.14517	61.30	ug/L
	Zn	68	3009.529	5.059	0.000	0.02923	544.87	ug/L
>	Ge	72	99261.072	1.879	99261.072			ug/L
	As	75	-9.528	268.705	0.001	0.02892	43.29	ug/L
	Se	77	158.670	10.247	0.000	0.05385	153.85	ug/L
	Se	82	114.335	3.072	-0.000	-0.00056	1750.00	ug/L
	Ag	107	1739.517	2.339	-0.000	-0.00033	1995.10	ug/L
	Cd	111	1026.635	3.002	0.000	0.00360	228.88	ug/L
	Cd	114	107.535	20.069	0.000	0.00205	169.28	ug/L
>	In	115	1489861.096	2.734	1489861.096			ug/L
	Sb	121	366.678	13.456	0.000	0.00476	101.54	ug/L
	Sb	123	269.359	13.902	-0.000	-0.00191	213.78	ug/L
	Ba	135	374.678	5.764	-0.000	-0.00016	1700.71	ug/L
	Ba	137	655.364	1.410	0.000	0.00065	631.80	ug/L
>	Tb	159	2082118.311	3.366	2082118.311			ug/L
	Ho	165	1921580.144	1.756	-0.030			ug/L
	Tl	205	550.689	3.019	0.000	0.00154	68.43	ug/L
	Pb	208	6253.557	2.236	-0.000	-0.00380	231.35	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		102.862			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: LRB

Report Date/Time: Thursday, March 21, 2002 13:24:17

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	99.820
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	94.972
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	97.825
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999962
Ba	137Linear Thru Zero	0.999963
> Tb	159Linear Thru Zero	
Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999874
Pb	208Linear Thru Zero	0.999954

Sample ID: LRB

Report Date/Time: Thursday, March 21, 2002 13:24:17

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: AE04513 SPK

Sample Date/Time: Thursday, March 21, 2002 13:26:00

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04513.143

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	16798.012	2.298	0.032	48.29375	6.05	ug/L
>	Sc-1	45	530476.567	3.689	530476.567			ug/L
	Cr	52	486385.673	2.196	0.902	48.62651	5.85	ug/L
	Cr	53	52823.599	2.198	0.099	45.13181	2.61	ug/L
	Mn	55	1030466.252	1.380	1.943	67.97682	2.53	ug/L
	Ni	60	119387.288	2.350	0.225	45.07720	6.09	ug/L
	Cu	63	305408.392	2.511	0.575	50.14966	1.25	ug/L
	Cu	65	145259.576	3.898	0.274	49.38060	7.66	ug/L
	Zn	66	92057.122	3.860	0.864	48.77688	2.79	ug/L
	Zn	67	17411.505	2.329	0.164	53.28672	3.61	ug/L
	Zn	68	68625.485	2.276	0.645	50.00999	3.23	ug/L
>	Ge	72	101720.326	1.278	101720.326			ug/L
	As	75	102389.636	2.984	1.008	49.40773	3.98	ug/L
	Se	77	9477.040	5.097	0.092	51.46293	3.97	ug/L
	Se	82	12462.996	1.117	0.121	50.78910	0.78	ug/L
	Ag	107	553379.941	3.086	0.345	42.35072	3.47	ug/L
	Cd	111	154934.470	4.914	0.096	48.70146	4.83	ug/L
	Cd	114	348824.240	3.313	0.218	46.42807	4.08	ug/L
>	In	115	1599998.971	1.116	1599998.971			ug/L
	Sb	121	494639.605	1.826	0.309	48.59319	1.74	ug/L
	Sb	123	377772.553	3.725	0.236	48.41385	3.72	ug/L
	Ba	135	211335.329	0.355	0.100	64.16710	3.29	ug/L
	Ba	137	337954.156	0.466	0.160	58.83381	3.26	ug/L
>	Tb	159	2114247.162	3.048	2114247.162			ug/L
	Ho	165	1948181.347	2.394	-0.031			ug/L
	Tl	205	1408375.029	2.319	0.666	47.91188	0.80	ug/L
	Pb	208	1903919.704	0.679	0.898	47.40265	2.42	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		98.953			
	Cr	52					
	Cr	53					
	Mn	55					

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	102.293
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	101.993
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.335
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999962
Ba	137Linear Thru Zero	0.999963
> Tb	159Linear Thru Zero	
Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999874
Pb	208Linear Thru Zero	0.999954

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: AE04513**

Sample Date/Time: Thursday, March 21, 2002 13:34:52

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04513.144

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	11.667	9.897	0.000	0.00272	144.01	ug/L
>	Sc-1	45	538898.533	2.215	538898.533			ug/L
	Cr	52	13158.982	0.670	0.008	0.42948	8.56	ug/L
	Cr	53	1038.403	4.152	0.001	0.43144	6.14	ug/L
	Mn	55	299675.114	2.040	0.555	19.41975	0.28	ug/L
	Ni	60	971.729	8.806	0.002	0.30723	12.93	ug/L
	Cu	63	9185.400	3.527	0.016	1.41580	1.44	ug/L
	Cu	65	4697.927	1.395	0.008	1.50279	3.76	ug/L
	Zn	66	3070.216	1.988	-0.011	-0.62240	6.05	ug/L
	Zn	67	758.706	1.482	0.001	0.21138	11.26	ug/L
	Zn	68	2900.159	3.825	-0.002	-0.12765	100.43	ug/L
>	Ge	72	102483.586	1.964	102483.586			ug/L
	As	75	476.660	24.960	0.005	0.26211	22.87	ug/L
	Se	77	176.670	6.235	0.000	0.12478	46.25	ug/L
	Se	82	152.003	9.691	0.000	0.13895	51.48	ug/L
	Ag	107	6504.114	19.063	0.003	0.34368	27.79	ug/L
	Cd	111	1058.591	9.608	-0.000	-0.01868	156.30	ug/L
	Cd	114	234.491	39.466	0.000	0.01701	69.63	ug/L
>	In	115	1640030.169	0.727	1640030.169			ug/L
	Sb	121	678.365	2.508	0.000	0.03114	6.55	ug/L
	Sb	123	518.991	4.645	0.000	0.02601	13.41	ug/L
	Ba	135	49236.166	2.060	0.023	14.76002	1.62	ug/L
	Ba	137	79780.658	3.734	0.037	13.71757	5.96	ug/L
>	Tb	159	2127459.587	2.476	2127459.587			ug/L
	Ho	165	2067944.694	3.967	0.019			ug/L
	Tl	205	538.688	13.354	0.000	0.00067	299.38	ug/L
	Pb	208	4173.417	8.104	-0.001	-0.05908	10.44	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rei. % Diff
[	Be	9					
>	Sc-1	45		100.524			
	Cr	52					
	Cr	53					
	Mn	55					

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	103.060
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	104.545
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.955
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: AE04513**

Sample Date/Time: Thursday, March 21, 2002 13:37:59

Sample Type: Spike - 1

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04513.145

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	17036.455	1.638	0.032	49.42169	3.76	ug/L
>	Sc-1	45	525239.015	2.180	525239.015			ug/L
	Cr	52	458208.151	1.944	0.856	46.18581	4.22	ug/L
	Cr	53	54739.654	3.485	0.103	47.22374	1.58	ug/L
	Mn	55	1067335.042	0.512	2.032	71.09448	2.44	ug/L
	Ni	60	120302.906	2.293	0.229	45.81383	1.98	ug/L
	Cu	63	301952.887	2.410	0.574	50.06028	0.46	ug/L
	Cu	65	134824.919	3.568	0.257	46.23720	5.76	ug/L
	Zn	66	98586.054	3.375	0.940	53.08923	2.84	ug/L
	Zn	67	17977.959	4.220	0.172	55.80224	4.98	ug/L
	Zn	68	69551.137	1.989	0.662	51.37016	2.19	ug/L
>	Ge	72	100465.785	0.973	100465.785			ug/L
	As	75	97853.758	1.269	0.975	47.79955	1.67	ug/L
	Se	77	10155.114	5.311	0.100	55.91123	4.72	ug/L
	Se	82	12931.001	5.031	0.128	53.37166	4.68	ug/L
	Ag	107	549299.725	1.102	0.369	45.31310	3.15	ug/L
	Cd	111	153059.650	5.766	0.102	51.81729	2.75	ug/L
	Cd	114	355348.143	2.559	0.239	50.99041	5.47	ug/L
>	In	115	1485419.804	3.094	1485419.804			ug/L
	Sb	121	511949.340	0.274	0.345	54.21310	3.37	ug/L
	Sb	123	373570.958	3.528	0.251	51.56935	1.67	ug/L
	Ba	135	200051.104	3.013	0.092	59.02600	2.60	ug/L
	Ba	137	334550.833	0.833	0.154	56.60845	1.31	ug/L
>	Tb	159	2173733.097	0.471	2173733.097			ug/L
	Ho	165	1915524.437	1.949	-0.073			ug/L
	Tl	205	1413316.241	1.293	0.650	46.75920	1.74	ug/L
	Pb	208	1889773.071	1.271	0.866	45.73398	0.92	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9			98.838		
>	Sc-1	45		97.976			
	Cr	52			91.513		
	Cr	53			93.585		
	Mn	55			103.349		

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	Ni	60		91.013
	Cu	63		97.289
	Cu	65		89.469
	Zn	66		107.423
	Zn	67		111.182
	Zn	68		102.996
>	Ge	72	101.031	
	As	75		95.075
	Se	77		111.573
	Se	82		106.465
	Ag	107		89.939
	Cd	111		103.672
	Cd	114		101.947
>	In	115	94.689	
	Sb	121		108.364
	Sb	123		103.087
	Ba	135		88.532
	Ba	137		85.782
>	Tb	159	102.129	
	Ho	165		
	Tl	205		93.517
	Pb	208		91.586

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999967
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	1.000000
	Cr 53Linear Thru Zero	0.999975
	Mn 55Linear Thru Zero	0.999980
	Ni 60Linear Thru Zero	0.999948
	Cu 63Linear Thru Zero	0.999996
	Cu 65Linear Thru Zero	0.999994
	Zn 66Linear Thru Zero	0.999970
	Zn 67Linear Thru Zero	0.999996
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999997
	Se 82Linear Thru Zero	0.999995
	Ag 107Linear Thru Zero	0.999935
	Cd 111Linear Thru Zero	1.000000
	Cd 114Linear Thru Zero	0.999988
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999962
	Ba 137Linear Thru Zero	0.999963
>	Tb 159Linear Thru Zero	
	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999874
	Pb 208Linear Thru Zero	0.999954

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Method 200.8 - Summary Report

Sample ID: AE04513

Sample Date/Time: Thursday, March 21, 2002 13:41:40

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04513.146

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	18381.769	4.023	0.036	54.56005	7.76	ug/L
> Sc-1	45	514092.166	3.849	514092.166			ug/L
Cr	52	462245.598	1.462	0.884	47.66600	5.35	ug/L
Cr	53	59346.019	1.166	0.115	52.40243	2.82	ug/L
Mn	55	986909.648	1.535	1.920	67.20155	4.03	ug/L
Ni	60	127233.960	1.780	0.248	49.57567	5.75	ug/L
Cu	63	288101.738	3.995	0.560	48.80247	1.72	ug/L
Cu	65	141978.148	3.003	0.276	49.79097	6.57	ug/L
Zn	66	104866.714	2.768	1.084	61.21509	2.16	ug/L
Zn	67	16370.891	0.462	0.169	54.74755	3.52	ug/L
Zn	68	74692.548	3.271	0.772	59.91203	7.13	ug/L
> Ge	72	93243.150	3.895	93243.150			ug/L
As	75	107389.299	1.380	1.154	56.58665	5.17	ug/L
Se	77	10306.618	4.769	0.109	61.23901	3.47	ug/L
Se	82	13449.743	0.596	0.143	59.93776	3.94	ug/L
Ag	107	611893.113	3.099	0.436	53.53420	5.78	ug/L
Cd	111	147036.326	4.603	0.104	52.85338	7.43	ug/L
Cd	114	366679.878	1.055	0.262	55.72118	3.02	ug/L
> In	115	1401909.859	2.897	1401909.859			ug/L
Sb	121	496472.050	4.369	0.354	55.65270	1.53	ug/L
Sb	123	373471.725	2.231	0.266	54.68024	4.97	ug/L
Ba	135	190853.087	1.537	0.094	60.14539	4.63	ug/L
Ba	137	371429.796	1.827	0.182	67.15408	5.39	ug/L
> Tb	159	2037604.984	3.652	2037604.984			ug/L
Ho	165	1960899.552	2.504	0.010			ug/L
Tl	205	1423665.868	3.567	0.699	50.25910	2.64	ug/L
Pb	208	1866268.767	1.232	0.913	48.22081	2.47	ug/L

QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
Be	9			109.115		
> Sc-1	45		95.896			
Cr	52			94.473		
Cr	53			103.942		
Mn	55			95.564		

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	Ni	60		98.537
	Cu	63		94.773
	Cu	65		96.576
	Zn	66		123.675
	Zn	67		109.072
	Zn	68		120.079
>	Ge	72	93.768	
	As	75		112.649
	Se	77		122.228
	Se	82		119.598
	Ag	107		106.381
	Cd	111		105.744
	Cd	114		111.408
>	In	115	89.366	
	Sb	121		111.243
	Sb	123		109.308
	Ba	135		90.771
	Ba	137		106.873
>	Tb	159	95.734	
	Ho	165		
	Tl	205		100.517
	Pb	208		96.560

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04513

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: AE04513**

Sample Date/Time: Thursday, March 21, 2002 13:56:33

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04513.147

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	16578.287	4.371	0.031	47.45954	5.96	ug/L
>	Sc-1	45	532273.598	1.550	532273.598			ug/L
	Cr	52	482945.230	3.752	0.891	48.06788	5.35	ug/L
	Cr	53	54368.378	2.696	0.101	46.28127	2.07	ug/L
	Mn	55	1042628.935	0.520	1.958	68.51966	2.00	ug/L
	Ni	60	114306.580	3.684	0.215	42.97002	5.27	ug/L
	Cu	63	303947.571	1.438	0.570	49.72764	0.84	ug/L
	Cu	65	145803.518	6.081	0.274	49.34435	7.68	ug/L
	Zn	66	97162.540	1.739	0.908	51.29703	1.54	ug/L
	Zn	67	17735.149	4.427	0.167	53.96376	4.59	ug/L
	Zn	68	66683.681	0.704	0.622	48.21646	1.28	ug/L
>	Ge	72	102334.116	0.609	102334.116			ug/L
	As	75	100390.664	2.886	0.982	48.14501	3.36	ug/L
	Se	77	9665.237	3.928	0.093	52.19483	3.74	ug/L
	Se	82	11920.603	3.611	0.115	48.26280	3.67	ug/L
	Ag	107	563801.515	2.486	0.353	43.42187	1.40	ug/L
	Cd	111	150538.501	4.239	0.094	47.60876	3.27	ug/L
	Cd	114	339829.174	4.009	0.214	45.52827	4.99	ug/L
>	In	115	1589721.484	1.262	1589721.484			ug/L
	Sb	121	502754.333	2.483	0.316	49.72455	3.72	ug/L
	Sb	123	372181.282	3.931	0.234	47.99391	2.77	ug/L
	Ba	135	218335.622	1.477	0.102	65.35631	3.07	ug/L
	Ba	137	349826.897	0.219	0.163	60.03461	1.94	ug/L
>	Tb	159	2143917.447	1.758	2143917.447			ug/L
	Ho	165	1947665.816	2.642	-0.045			ug/L
	Tl	205	1405130.283	2.113	0.655	47.13088	0.56	ug/L
	Pb	208	1908902.861	1.456	0.888	46.85766	2.77	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9			94.914		
>	Sc-1	45		99.288			
	Cr	52			95.277		
	Cr	53			91.700		
	Mn	55			98.200		

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	Ni	60		85.326
	Cu	63		96.624
	Cu	65		95.683
	Zn	66		103.839
	Zn	67		107.505
	Zn	68		96.688
>	Ge	72	102.910	
	As	75		95.766
	Se	77		104.140
	Se	82		96.248
	Ag	107		86.156
	Cd	111		95.255
	Cd	114		91.023
>	In	115	101.338	
	Sb	121		99.387
	Sb	123		95.936
	Ba	135		101.193
	Ba	137		92.634
>	Tb	159	100.729	
	Ho	165		
	Tl	205		94.260
	Pb	208		93.833

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999967
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	1.000000
	Cr 53Linear Thru Zero	0.999975
	Mn 55Linear Thru Zero	0.999980
	Ni 60Linear Thru Zero	0.999948
	Cu 63Linear Thru Zero	0.999996
	Cu 65Linear Thru Zero	0.999994
	Zn 66Linear Thru Zero	0.999970
	Zn 67Linear Thru Zero	0.999996
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999997
	Se 82Linear Thru Zero	0.999995
	Ag 107Linear Thru Zero	0.999935
	Cd 111Linear Thru Zero	1.000000
	Cd 114Linear Thru Zero	0.999988
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999962
	Ba 137Linear Thru Zero	0.999963
>	Tb 159Linear Thru Zero	
	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999874
	Pb 208Linear Thru Zero	0.999954

Sample ID: AE04513

Report Date/Time: Thursday, March 21, 2002 13:59:15

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: AE04514**

Sample Date/Time: Thursday, March 21, 2002 14:00:17

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04514.148

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	7.667	27.152	-0.000	-0.00743	80.37	ug/L
>	Sc-1	45	509785.714	2.164	509785.714			ug/L
	Cr	52	10098.042	2.825	0.003	0.18110	29.36	ug/L
	Cr	53	2477.029	3.762	0.004	1.77423	6.38	ug/L
	Mn	55	835442.732	0.891	1.638	57.31961	1.57	ug/L
	Ni	60	3432.682	1.400	0.006	1.29457	3.66	ug/L
	Cu	63	12891.940	4.100	0.024	2.13457	2.58	ug/L
	Cu	65	6093.770	2.918	0.012	2.08683	5.31	ug/L
	Zn	66	2949.841	1.979	-0.008	-0.45349	7.39	ug/L
	Zn	67	873.717	5.068	0.003	0.97602	19.19	ug/L
	Zn	68	3512.714	4.228	0.009	0.72223	28.00	ug/L
>	Ge	72	89529.093	2.487	89529.093			ug/L
	As	75	694.083	7.758	0.008	0.41393	7.76	ug/L
	Se	77	380.012	4.178	0.003	1.54239	9.50	ug/L
	Se	82	169.670	5.785	0.001	0.31092	16.78	ug/L
	Ag	107	2745.110	8.137	0.001	0.10365	24.11	ug/L
	Cd	111	951.030	3.400	0.000	0.00759	123.24	ug/L
	Cd	114	236.684	8.173	0.000	0.02361	15.72	ug/L
>	In	115	1364359.117	2.171	1364359.117			ug/L
	Sb	121	1213.094	14.573	0.001	0.10576	17.13	ug/L
	Sb	123	971.790	8.201	0.001	0.10712	8.66	ug/L
	Ba	135	90570.604	1.885	0.044	28.05326	3.24	ug/L
	Ba	137	175832.574	0.340	0.085	31.24214	1.98	ug/L
>	Tb	159	2067133.063	2.118	2067133.063			ug/L
	Ho	165	2015727.180	3.250	0.022			ug/L
	Tl	205	453.683	7.457	-0.000	-0.00173	50.74	ug/L
	Pb	208	8893.102	1.113	0.001	0.06463	8.09	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		95.093			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04514

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	90.033
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	86.972
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	97.121
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04514

Report Date/Time: Thursday, March 21, 2002 14:02:04

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: AE04516

Sample Date/Time: Thursday, March 21, 2002 14:03:32

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04516.149

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	9.333	22.304	-0.000	-0.00351	162.20	ug/L
>	Sc-1	45	530044.365	3.637	530044.365			ug/L
	Cr	52	10847.911	1.499	0.004	0.21713	25.30	ug/L
	Cr	53	1337.779	3.269	0.002	0.70636	10.62	ug/L
	Mn	55	279150.278	2.038	0.526	18.40213	3.45	ug/L
	Ni	60	903.721	3.974	0.001	0.28756	8.51	ug/L
	Cu	63	5743.539	2.864	0.010	0.87483	0.85	ug/L
	Cu	65	2784.788	4.314	0.005	0.87921	7.95	ug/L
[	Zn	66	1597.490	4.173	-0.025	-1.42053	1.14	ug/L
	Zn	67	561.690	6.832	-0.001	-0.38415	27.21	ug/L
	Zn	68	1935.892	3.759	-0.011	-0.83504	9.54	ug/L
>	Ge	72	100898.056	2.443	100898.056			ug/L
	As	75	467.639	9.537	0.005	0.26101	9.16	ug/L
	Se	77	184.004	16.742	0.000	0.18010	89.45	ug/L
	Se	82	137.002	13.983	0.000	0.08610	95.98	ug/L
[	Ag	107	1046.737	2.679	-0.001	-0.06382	3.70	ug/L
	Cd	111	1129.932	5.631	0.000	0.01077	178.04	ug/L
	Cd	114	223.751	15.832	0.000	0.01627	28.42	ug/L
>	In	115	1606373.738	0.266	1606373.738			ug/L
	Sb	121	739.037	2.506	0.000	0.03844	4.69	ug/L
	Sb	123	563.333	10.003	0.000	0.03303	22.26	ug/L
[	Ba	135	48428.483	1.424	0.023	14.73836	1.71	ug/L
	Ba	137	76491.234	0.989	0.036	13.34041	2.35	ug/L
>	Tb	159	2095792.112	2.493	2095792.112			ug/L
	Ho	165	2011232.662	3.634	0.007			ug/L
	Tl	205	533.688	5.281	0.000	0.00080	67.48	ug/L
	Pb	208	3304.605	2.940	-0.002	-0.07932	0.72	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		98.872			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04516

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	101.466
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	102.399
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	98.467
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
[Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
[Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
[Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
[Ba	135Linear Thru Zero	0.999962
Ba	137Linear Thru Zero	0.999963
> Tb	159Linear Thru Zero	
Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999874
Pb	208Linear Thru Zero	0.999954

Sample ID: AE04516

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: AE04517

Sample Date/Time: Thursday, March 21, 2002 14:06:36

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04517.150

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10.333	36.638	-0.000	-0.00010	10690.41	ug/L
>	Sc-1	45	520518.997	1.034	520518.997			ug/L
	Cr	52	10133.750	3.065	0.003	0.16187	13.18	ug/L
	Cr	53	1336.112	2.558	0.002	0.72442	4.59	ug/L
	Mn	55	288094.502	3.366	0.552	19.32523	2.50	ug/L
	Ni	60	1117.747	5.950	0.002	0.37555	6.62	ug/L
	Cu	63	7791.083	2.545	0.014	1.23517	3.32	ug/L
	Cu	65	3534.055	0.171	0.006	1.15449	0.93	ug/L
	Zn	66	2178.616	2.690	-0.019	-1.05867	3.17	ug/L
	Zn	67	599.026	3.623	-0.001	-0.20665	30.75	ug/L
	Zn	68	2186.952	7.051	-0.008	-0.59303	20.02	ug/L
>	Ge	72	97973.418	0.409	97973.418			ug/L
	As	75	447.953	15.555	0.005	0.25776	13.62	ug/L
	Se	77	215.338	5.178	0.001	0.39104	16.95	ug/L
	Se	82	128.336	3.999	0.000	0.06561	34.12	ug/L
	Ag	107	843.048	5.999	-0.001	-0.07368	1.79	ug/L
	Cd	111	1017.576	5.827	0.000	0.00393	258.93	ug/L
	Cd	114	214.549	19.671	0.000	0.01761	33.80	ug/L
>	In	115	1474712.151	4.215	1474712.151			ug/L
	Sb	121	694.700	2.180	0.000	0.04026	8.52	ug/L
	Sb	123	489.661	3.184	0.000	0.02925	8.65	ug/L
	Ba	135	45845.939	4.727	0.021	13.80461	1.87	ug/L
	Ba	137	80336.926	1.458	0.038	13.88974	4.42	ug/L
>	Tb	159	2115855.659	2.894	2115855.659			ug/L
	Ho	165	1970472.514	1.326	-0.022			ug/L
	Tl	205	593.025	9.421	0.000	0.00269	86.11	ug/L
	Pb	208	5311.667	0.481	-0.001	-0.02994	15.07	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		97.095			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04517

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.525
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	94.006
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.410
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04517

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Method 200.8 - Summary Report

Sample ID: AE04518

Sample Date/Time: Thursday, March 21, 2002 14:09:44

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04518.151

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10.333	24.354	0.000	0.00023	2897.01	ug/L
>	Sc-1	45	513632.028	2.376	513632.028			ug/L
	Cr	52	8918.463	2.282	0.001	0.04918	88.22	ug/L
	Cr	53	2582.393	2.862	0.004	1.85028	2.36	ug/L
	Mn	55	791274.237	0.761	1.540	53.89529	3.12	ug/L
	Ni	60	2936.838	5.474	0.005	1.09046	5.00	ug/L
	Cu	63	7494.163	1.143	0.014	1.20233	1.46	ug/L
	Cu	65	3008.528	4.040	0.005	0.98744	6.77	ug/L
	Zn	66	1928.891	4.844	-0.020	-1.15633	4.78	ug/L
	Zn	67	815.378	2.998	0.002	0.62129	13.76	ug/L
	Zn	68	2645.411	2.561	-0.002	-0.14279	37.86	ug/L
>	Ge	72	94057.338	0.089	94057.338			ug/L
	As	75	408.141	27.034	0.005	0.24631	23.35	ug/L
	Se	77	379.345	3.599	0.003	1.42154	5.59	ug/L
	Se	82	150.336	11.451	0.000	0.18626	40.85	ug/L
	Ag	107	626.361	8.220	-0.001	-0.09054	3.33	ug/L
	Cd	111	1008.211	7.879	0.000	0.00894	326.37	ug/L
	Cd	114	207.300	8.862	0.000	0.01725	15.29	ug/L
>	In	115	1441458.452	2.561	1441458.452			ug/L
	Sb	121	795.376	3.526	0.000	0.05289	6.35	ug/L
	Sb	123	563.243	5.262	0.000	0.04123	7.81	ug/L
	Ba	135	96161.943	3.478	0.046	29.54932	4.25	ug/L
	Ba	137	157868.222	2.100	0.075	27.80661	1.96	ug/L
>	Tb	159	2083723.647	0.764	2083723.647			ug/L
	Ho	165	1922253.822	3.487	-0.031			ug/L
	Tl	205	478.351	4.815	-0.000	-0.00099	82.35	ug/L
	Pb	208	3409.955	1.649	-0.001	-0.07615	2.67	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		95.810			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04518

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.587
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	91.887
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	97.900
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
	Be 9Linear Thru Zero	0.999967
>	Sc-1 45Linear Thru Zero	
	Cr 52Linear Thru Zero	1.000000
	Cr 53Linear Thru Zero	0.999975
	Mn 55Linear Thru Zero	0.999980
	Ni 60Linear Thru Zero	0.999948
	Cu 63Linear Thru Zero	0.999996
	Cu 65Linear Thru Zero	0.999994
	Zn 66Linear Thru Zero	0.999970
	Zn 67Linear Thru Zero	0.999996
	Zn 68Linear Thru Zero	0.999995
>	Ge 72Linear Thru Zero	
	As 75Linear Thru Zero	0.999995
	Se 77Linear Thru Zero	0.999997
	Se 82Linear Thru Zero	0.999995
	Ag 107Linear Thru Zero	0.999935
	Cd 111Linear Thru Zero	1.000000
	Cd 114Linear Thru Zero	0.999988
>	In 115Linear Thru Zero	
	Sb 121Linear Thru Zero	1.000000
	Sb 123Linear Thru Zero	0.999999
	Ba 135Linear Thru Zero	0.999962
	Ba 137Linear Thru Zero	0.999963
>	Tb 159Linear Thru Zero	
	Ho 165Linear Thru Zero	
	Tl 205Linear Thru Zero	0.999874
	Pb 208Linear Thru Zero	0.999954

Sample ID: AE04518

Report Date/Time: Thursday, March 21, 2002 14:11:31

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Method 200.8 - Summary Report

Sample ID: AE04799

Sample Date/Time: Thursday, March 21, 2002 14:13:29

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04799.152

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10.333	31.109	0.000	0.00116	796.71	ug/L
>	Sc-1	45	498642.214	1.659	498642.214			ug/L
	Cr	52	11596.181	3.823	0.007	0.36696	18.40	ug/L
	Cr	53	1658.168	2.103	0.002	1.07141	2.48	ug/L
	Mn	55	276787.963	3.585	0.554	19.39381	5.01	ug/L
	Ni	60	1066.407	7.757	0.002	0.37397	9.52	ug/L
	Cu	63	7524.195	6.126	0.014	1.24497	4.82	ug/L
	Cu	65	3984.915	5.735	0.008	1.37210	7.50	ug/L
[	Zn	66	2214.292	2.702	-0.018	-0.99946	3.69	ug/L
	Zn	67	599.026	8.662	-0.000	-0.14498	138.13	ug/L
	Zn	68	2432.683	2.384	-0.004	-0.34030	8.50	ug/L
>	Ge	72	95102.204	1.457	95102.204			ug/L
	As	75	545.839	6.054	0.006	0.31494	4.95	ug/L
	Se	77	199.004	0.000	0.001	0.33193	5.14	ug/L
	Se	82	135.669	10.867	0.000	0.11503	62.42	ug/L
[	Ag	107	526.687	11.304	-0.001	-0.10031	6.09	ug/L
	Cd	111	1007.796	7.459	-0.000	-0.00294	486.77	ug/L
	Cd	114	254.377	21.112	0.000	0.02293	31.41	ug/L
>	In	115	1488898.502	3.276	1488898.502			ug/L
	Sb	121	569.357	4.014	0.000	0.02631	16.17	ug/L
	Sb	123	437.616	8.609	0.000	0.02152	32.59	ug/L
[	Ba	135	46453.920	2.999	0.023	14.80093	2.00	ug/L
	Ba	137	82600.650	3.293	0.041	15.10472	5.04	ug/L
>	Tb	159	2001330.066	1.897	2001330.066			ug/L
	Ho	165	2013489.068	1.007	0.053			ug/L
	Tl	205	494.352	6.340	0.000	0.00027	470.45	ug/L
	Pb	208	3649.984	1.883	-0.001	-0.06627	0.12	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		93.014			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04799

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.638
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	94.911
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	94.029
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04799

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Method 200.8 - Summary Report

Sample ID: AE04800

Sample Date/Time: Thursday, March 21, 2002 14:16:48

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04800.153

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	10.333	39.111	0.000	0.00101	1150.01	ug/L
>	Sc-1	45	499478.230	2.649	499478.230			ug/L
	Cr	52	15838.284	2.895	0.015	0.82381	11.44	ug/L
	Cr	53	3368.991	2.317	0.006	2.63609	0.69	ug/L
	Mn	55	952851.419	0.623	1.907	66.74360	2.35	ug/L
	Ni	60	2911.829	2.400	0.006	1.11374	4.72	ug/L
	Cu	63	7361.720	0.991	0.014	1.21539	1.86	ug/L
	Cu	65	3318.307	6.497	0.006	1.12973	9.33	ug/L
	Zn	66	1838.538	6.288	-0.021	-1.20336	4.71	ug/L
	Zn	67	831.380	3.251	0.002	0.69551	5.37	ug/L
	Zn	68	2541.047	1.583	-0.003	-0.21434	6.98	ug/L
>	Ge	72	93421.995	2.280	93421.995			ug/L
	As	75	510.265	14.724	0.006	0.30193	14.61	ug/L
	Se	77	404.680	5.192	0.003	1.58877	6.03	ug/L
	Se	82	162.003	4.821	0.001	0.24389	21.31	ug/L
	Ag	107	493.018	2.861	-0.001	-0.10282	1.34	ug/L
	Cd	111	1024.773	1.067	0.000	0.00632	74.40	ug/L
	Cd	114	175.403	16.810	0.000	0.01191	33.64	ug/L
>	In	115	1475544.995	0.965	1475544.995			ug/L
	Sb	121	701.034	3.089	0.000	0.04080	4.85	ug/L
	Sb	123	552.708	8.077	0.000	0.03796	18.13	ug/L
	Ba	135	98595.894	1.954	0.047	29.92800	3.60	ug/L
	Ba	137	161905.374	0.999	0.076	28.17294	2.57	ug/L
>	Tb	159	2109908.329	1.623	2109908.329			ug/L
	Ho	165	1912859.438	3.424	-0.047			ug/L
	Tl	205	378.012	6.255	-0.000	-0.00462	19.36	ug/L
	Pb	208	3472.298	0.556	-0.001	-0.07566	2.25	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		93.170			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04800

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	93.948
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	94.059
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.131
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04800

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: AE04801

Sample Date/Time: Thursday, March 21, 2002 14:20:52

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04801.154

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	9.000	22.222	-0.000	-0.00218	277.50	ug/L
>	Sc-1	45	486780.087	3.087	486780.087			ug/L
	Cr	52	10163.783	2.918	0.004	0.23944	27.39	ug/L
	Cr	53	1592.489	2.759	0.002	1.04830	7.92	ug/L
	Mn	55	293377.497	1.387	0.602	21.06410	3.52	ug/L
	Ni	60	986.730	6.891	0.002	0.35231	11.42	ug/L
	Cu	63	5966.019	3.983	0.011	0.99840	2.15	ug/L
	Cu	65	2942.840	4.572	0.006	1.02202	8.13	ug/L
	Zn	66	2085.593	1.361	-0.019	-1.07488	2.83	ug/L
	Zn	67	655.697	5.776	0.000	0.05064	363.02	ug/L
	Zn	68	2112.933	1.964	-0.008	-0.59890	12.04	ug/L
>	Ge	72	95052.511	2.634	95052.511			ug/L
	As	75	318.229	17.122	0.004	0.19785	14.47	ug/L
	Se	77	218.671	7.148	0.001	0.44787	15.38	ug/L
	Se	82	128.336	2.950	0.000	0.08294	36.09	ug/L
	Ag	107	332.343	19.259	-0.001	-0.11630	4.93	ug/L
	Cd	111	978.047	3.165	-0.000	-0.01149	91.22	ug/L
	Cd	114	211.912	36.337	0.000	0.01688	61.67	ug/L
>	In	115	1483566.760	2.375	1483566.760			ug/L
	Sb	121	581.358	4.130	0.000	0.02776	13.06	ug/L
	Sb	123	433.367	3.571	0.000	0.02104	14.35	ug/L
	Ba	135	46889.092	1.297	0.022	14.35199	1.70	ug/L
	Ba	137	76204.268	2.378	0.036	13.37488	4.70	ug/L
>	Tb	159	2083306.513	2.261	2083306.513			ug/L
	Ho	165	1938256.208	3.374	-0.023			ug/L
	Tl	205	447.016	7.944	-0.000	-0.00208	48.12	ug/L
	Pb	208	4693.860	4.080	-0.001	-0.04364	5.53	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		90.802			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04801

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	95.588
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	94.571
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	97.881
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04801

Report Date/Time: Thursday, March 21, 2002 14:22:39

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: AE04802**

Sample Date/Time: Thursday, March 21, 2002 14:25:56

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04802.155

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
Be	9	9.333	54.981	-0.000	-0.00275	544.00	ug/L
> Sc-1	45	515193.026	1.347	515193.026			ug/L
Cr	52	11685.958	1.708	0.006	0.33549	7.96	ug/L
Cr	53	3281.626	3.767	0.005	2.46516	5.61	ug/L
Mn	55	804794.719	3.672	1.561	54.61329	2.45	ug/L
Ni	60	3174.922	8.433	0.006	1.18039	9.88	ug/L
Cu	63	7474.814	2.027	0.014	1.19491	1.35	ug/L
Cu	65	3054.544	0.143	0.006	0.99944	1.51	ug/L
Zn	66	2004.241	3.665	-0.020	-1.11196	5.96	ug/L
Zn	67	788.709	3.815	0.002	0.52473	7.34	ug/L
Zn	68	2866.815	6.475	0.000	0.03873	502.36	ug/L
> Ge	72	94203.419	2.769	94203.419			ug/L
As	75	483.472	13.066	0.006	0.28488	9.72	ug/L
Se	77	424.014	5.981	0.003	1.68286	4.93	ug/L
Se	82	155.003	3.414	0.000	0.20630	13.69	ug/L
Ag	107	286.674	7.957	-0.001	-0.11880	2.35	ug/L
Cd	111	940.925	3.428	-0.000	-0.00689	31.62	ug/L
Cd	114	228.054	15.334	0.000	0.02112	24.53	ug/L
> In	115	1407595.902	3.427	1407595.902			ug/L
Sb	121	690.366	4.582	0.000	0.04322	6.12	ug/L
Sb	123	496.286	6.133	0.000	0.03357	20.56	ug/L
Ba	135	92152.538	2.825	0.043	27.93530	0.86	ug/L
Ba	137	169711.914	0.980	0.080	29.53191	4.10	ug/L
> Tb	159	2111475.745	3.122	2111475.745			ug/L
Ho	165	1892170.630	0.549	-0.057			ug/L
Tl	205	386.012	5.856	-0.000	-0.00436	8.65	ug/L
Pb	208	3517.635	1.505	-0.001	-0.07456	3.57	ug/L

QC Calculated Values

Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
Be	9					
> Sc-1	45		96.102			
Cr	52					
Cr	53					
Mn	55					

Sample ID: AE04802

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	94.734
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	89.728
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	99.204
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04802

Report Date/Time: Thursday, March 21, 2002 14:27:43

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Method 200.8 - Summary Report

Sample ID: AE04803

Sample Date/Time: Thursday, March 21, 2002 14:28:58

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\AE04803.156

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	13.667	21.123	0.000	0.01314	70.03	ug/L
>	Sc-1	45	479243.562	1.409	479243.562			ug/L
	Cr	52	10859.258	1.520	0.006	0.33438	10.20	ug/L
	Cr	53	1788.861	3.203	0.003	1.25801	5.02	ug/L
	Mn	55	302827.571	4.723	0.631	22.08063	5.67	ug/L
	Ni	60	1040.403	6.223	0.002	0.38020	6.27	ug/L
	Cu	63	6893.015	1.886	0.014	1.18402	1.71	ug/L
	Cu	65	3850.187	2.243	0.008	1.37908	3.42	ug/L
	Zn	66	3269.955	4.658	-0.005	-0.29135	49.59	ug/L
	Zn	67	805.377	3.172	0.002	0.66818	10.36	ug/L
	Zn	68	3136.239	3.188	0.004	0.34005	43.68	ug/L
>	Ge	72	91384.456	2.566	91384.456			ug/L
	As	75	521.243	9.284	0.006	0.31354	9.59	ug/L
	Se	77	228.339	13.636	0.001	0.56350	39.91	ug/L
	Se	82	132.669	7.736	0.000	0.12455	27.58	ug/L
	Ag	107	326.343	16.684	-0.001	-0.11622	4.83	ug/L
	Cd	111	963.867	3.078	-0.000	-0.01034	29.70	ug/L
	Cd	114	202.568	12.224	0.000	0.01622	21.11	ug/L
>	In	115	1457049.618	3.886	1457049.618			ug/L
	Sb	121	526.687	2.117	0.000	0.02296	4.96	ug/L
	Sb	123	436.907	3.365	0.000	0.02266	13.97	ug/L
	Ba	135	47872.616	3.253	0.024	15.17566	2.07	ug/L
	Ba	137	86847.865	2.203	0.043	15.80100	3.73	ug/L
>	Tb	159	2011767.914	1.692	2011767.914			ug/L
	Ho	165	2053592.120	0.787	0.067			ug/L
	Tl	205	479.684	8.480	-0.000	-0.00034	516.81	ug/L
	Pb	208	3604.646	0.824	-0.001	-0.06795	1.42	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		89.396			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: AE04803

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	91.899
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	92.880
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	94.520
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

	Analyte	MassCurve Type	Correlation Coefficient
[	Be	9Linear Thru Zero	0.999967
	> Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
[	Zn	68Linear Thru Zero	0.999995
	> Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
	> In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
[	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
	> Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: AE04803

Report Date/Time: Thursday, March 21, 2002 14:30:45

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Method 200.8 - Summary Report

Sample ID: CCV CAL BK

Sample Date/Time: Thursday, March 21, 2002 14:43:26

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\CCV CAL BK.157

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	12.000	14.434	0.000	0.00474	103.60	ug/L
>	Sc-1	45	521593.274	3.393	521593.274			ug/L
	Cr	52	7860.145	3.586	-0.001	-0.07400	74.85	ug/L
	Cr	53	1077.741	4.919	0.001	0.49706	15.87	ug/L
	Mn	55	604.693	5.626	0.000	0.00046	793.95	ug/L
	Ni	60	404.022	124.650	0.000	0.09971	192.22	ug/L
	Cu	63	388.679	5.692	-0.000	-0.00528	64.58	ug/L
	Cu	65	179.670	4.989	-0.000	-0.00726	44.43	ug/L
	Zn	66	3867.196	5.343	-0.001	-0.07954	181.31	ug/L
	Zn	67	664.031	4.445	0.000	0.01317	679.85	ug/L
	Zn	68	2702.429	4.520	-0.002	-0.17894	71.66	ug/L
>	Ge	72	97763.264	1.694	97763.264			ug/L
	As	75	-76.473	86.211	-0.000	-0.00452	725.29	ug/L
	Se	77	167.670	5.542	0.000	0.11988	44.68	ug/L
	Se	82	118.002	9.167	0.000	0.02215	174.44	ug/L
	Ag	107	935.391	12.165	-0.001	-0.06844	16.56	ug/L
	Cd	111	1056.282	7.404	0.000	0.00478	507.76	ug/L
	Cd	114	64.733	23.361	-0.000	-0.00432	55.01	ug/L
>	In	115	1527604.206	2.786	1527604.206			ug/L
	Sb	121	113.335	2.836	-0.000	-0.02225	1.34	ug/L
	Sb	123	89.481	9.567	-0.000	-0.02692	4.09	ug/L
	Ba	135	374.345	3.221	-0.000	-0.00412	97.59	ug/L
	Ba	137	606.693	6.169	-0.000	-0.01169	57.80	ug/L
>	Tb	159	2155338.089	0.410	2155338.089			ug/L
	Ho	165	1914310.856	2.415	-0.066			ug/L
	Ti	205	474.684	5.844	-0.000	-0.00166	58.97	ug/L
	Pb	208	6353.956	1.825	-0.000	-0.00693	33.30	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		97.296			
	Cr	52					
	Cr	53					
	Mn	55					

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	98.314
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	97.378
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	101.265
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient
Be	9Linear Thru Zero	0.999967
> Sc-1	45Linear Thru Zero	
Cr	52Linear Thru Zero	1.000000
Cr	53Linear Thru Zero	0.999975
Mn	55Linear Thru Zero	0.999980
Ni	60Linear Thru Zero	0.999948
Cu	63Linear Thru Zero	0.999996
Cu	65Linear Thru Zero	0.999994
Zn	66Linear Thru Zero	0.999970
Zn	67Linear Thru Zero	0.999996
Zn	68Linear Thru Zero	0.999995
> Ge	72Linear Thru Zero	
As	75Linear Thru Zero	0.999995
Se	77Linear Thru Zero	0.999997
Se	82Linear Thru Zero	0.999995
Ag	107Linear Thru Zero	0.999935
Cd	111Linear Thru Zero	1.000000
Cd	114Linear Thru Zero	0.999988
> In	115Linear Thru Zero	
Sb	121Linear Thru Zero	1.000000
Sb	123Linear Thru Zero	0.999999
Ba	135Linear Thru Zero	0.999962
Ba	137Linear Thru Zero	0.999963
> Tb	159Linear Thru Zero	
Ho	165Linear Thru Zero	
Tl	205Linear Thru Zero	0.999874
Pb	208Linear Thru Zero	0.999954

Sample ID: CCV CAL BK

Report Date/Time: Thursday, March 21, 2002 14:45:56

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH**Method 200.8 - Summary Report****Sample ID: CCV STD1 30 PPB**

Sample Date/Time: Thursday, March 21, 2002 14:46:53

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\CCV STD1 30 PPB.158

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
	Be	9	9177.059	3.526	0.018	27.11439	5.53	ug/L
>	Sc-1	45	515540.812	1.976	515540.812			ug/L
	Cr	52	274514.430	0.161	0.516	27.83534	2.16	ug/L
	Cr	53	35662.590	4.342	0.068	31.22486	6.43	ug/L
	Mn	55	410635.564	3.988	0.795	27.82623	2.27	ug/L
	Ni	60	71935.775	3.541	0.139	27.90368	5.31	ug/L
	Cu	63	173765.131	3.662	0.336	29.31647	1.98	ug/L
	Cu	65	79537.246	1.147	0.154	27.75066	3.15	ug/L
	Zn	66	54051.763	1.109	0.546	30.85140	4.94	ug/L
	Zn	67	8612.166	3.257	0.087	28.10407	1.18	ug/L
	Zn	68	37121.360	2.034	0.374	28.97117	6.26	ug/L
>	Ge	72	92136.629	4.022	92136.629			ug/L
	As	75	57316.686	4.608	0.624	30.60825	8.50	ug/L
	Se	77	5384.982	1.329	0.057	32.01231	4.06	ug/L
	Se	82	6981.754	4.641	0.075	31.29804	8.64	ug/L
	Ag	107	358787.329	3.897	0.251	30.80731	8.05	ug/L
	Cd	111	82703.831	1.167	0.057	29.04611	5.20	ug/L
	Cd	114	215849.749	1.312	0.151	32.23705	4.80	ug/L
>	In	115	1427233.804	4.133	1427233.804			ug/L
	Sb	121	285323.579	2.709	0.200	31.42279	1.50	ug/L
	Sb	123	207097.223	1.797	0.145	29.78465	5.84	ug/L
	Ba	135	93114.007	3.173	0.045	28.96370	1.28	ug/L
	Ba	137	172202.435	2.656	0.083	30.75307	5.20	ug/L
>	Tb	159	2057813.895	2.720	2057813.895			ug/L
	Ho	165	1876080.013	2.774	-0.041			ug/L
	Tl	205	907371.758	1.528	0.441	31.71122	1.36	ug/L
	Pb	208	1179969.067	1.533	0.570	30.11651	1.19	ug/L

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
	Be	9					
>	Sc-1	45		96.167			
	Cr	52					
	Cr	53					
	Mn	55					

Sample ID: CCV STD1 30 PPB

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	92.655
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	90.980
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	96.683
	Ho	165	
	Tl	205	
	Pb	208	

Calibration

Analyte	MassCurve Type	Correlation Coefficient	
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954

Sample ID: CCV STD1 30 PPB

Report Date/Time: Thursday, March 21, 2002 14:48:40

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WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

Method 200.8 - Summary Report

Sample ID: CCV STD2 60 PPB

Sample Date/Time: Thursday, March 21, 2002 14:50:10

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: d:\elandata\Method\NYC.mth

Dataset File: d:\elandata\dataset\new york city\CCV STD2 60 PPB.159

Aliquot Volume (mL):

Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Meas. Intens. RSD	Net Intens. Mean	Conc. Mean	Conc. RSD	Sample Unit
[	Be	9	18535.427	5.066	0.037	57.02766	8.96	ug/L
>	Sc-1	45	496202.335	4.052	496202.335			ug/L
	Cr	52	515640.601	1.786	1.024	55.22413	5.14	ug/L
	Cr	53	67739.126	0.966	0.136	62.09109	4.98	ug/L
	Mn	55	822714.147	3.756	1.657	57.99235	2.02	ug/L
	Ni	60	145422.745	3.760	0.293	58.75280	7.79	ug/L
	Cu	63	325997.102	2.742	0.656	57.24250	1.58	ug/L
	Cu	65	152858.138	3.271	0.308	55.55912	7.08	ug/L
	Zn	66	105061.763	1.721	1.141	64.41560	2.85	ug/L
	Zn	67	17130.971	2.699	0.186	60.22661	1.74	ug/L
	Zn	68	74407.018	0.899	0.808	62.63216	5.27	ug/L
>	Ge	72	88971.685	4.351	88971.685			ug/L
	As	75	111118.374	3.116	1.252	61.40943	7.43	ug/L
	Se	77	10349.329	3.556	0.115	64.50189	1.76	ug/L
	Se	82	13613.326	2.649	0.152	63.67232	6.97	ug/L
	Ag	107	696368.786	2.947	0.508	62.42023	5.82	ug/L
	Cd	111	167721.870	0.697	0.122	61.75358	3.42	ug/L
	Cd	114	427407.590	2.199	0.312	66.52082	3.73	ug/L
>	In	115	1368891.276	2.841	1368891.276			ug/L
	Sb	121	562924.118	2.469	0.411	64.65221	0.58	ug/L
	Sb	123	418014.683	3.657	0.306	62.70220	6.52	ug/L
	Ba	135	175659.636	0.595	0.085	54.58326	2.06	ug/L
	Ba	137	337202.903	3.783	0.163	60.13694	6.08	ug/L
>	Tb	159	2064529.132	2.381	2064529.132			ug/L
	Ho	165	1924254.291	3.004	-0.021			ug/L
	Tl	205	1751014.907	1.236	0.848	61.01812	2.36	ug/L
	Pb	208	2290716.452	2.028	1.107	58.41887	0.42	ug/L

QC Calculated Values

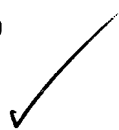
	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
[	Be	9					
>	Sc-1	45		92.559			
	Cr	52					
	Cr	53					
	Mn	55					

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	Ni	60	
	Cu	63	
	Cu	65	
	Zn	66	
	Zn	67	
	Zn	68	
>	Ge	72	89.473
	As	75	
	Se	77	
	Se	82	
	Ag	107	
	Cd	111	
	Cd	114	
>	In	115	87.261
	Sb	121	
	Sb	123	
	Ba	135	
	Ba	137	
>	Tb	159	96.999
	Ho	165	
	Tl	205	
	Pb	208	



Calibration

	Analyte	MassCurve Type	Correlation Coefficient
	Be	9Linear Thru Zero	0.999967
>	Sc-1	45Linear Thru Zero	
	Cr	52Linear Thru Zero	1.000000
	Cr	53Linear Thru Zero	0.999975
	Mn	55Linear Thru Zero	0.999980
	Ni	60Linear Thru Zero	0.999948
	Cu	63Linear Thru Zero	0.999996
	Cu	65Linear Thru Zero	0.999994
	Zn	66Linear Thru Zero	0.999970
	Zn	67Linear Thru Zero	0.999996
	Zn	68Linear Thru Zero	0.999995
>	Ge	72Linear Thru Zero	
	As	75Linear Thru Zero	0.999995
	Se	77Linear Thru Zero	0.999997
	Se	82Linear Thru Zero	0.999995
	Ag	107Linear Thru Zero	0.999935
	Cd	111Linear Thru Zero	1.000000
	Cd	114Linear Thru Zero	0.999988
>	In	115Linear Thru Zero	
	Sb	121Linear Thru Zero	1.000000
	Sb	123Linear Thru Zero	0.999999
	Ba	135Linear Thru Zero	0.999962
	Ba	137Linear Thru Zero	0.999963
>	Tb	159Linear Thru Zero	
	Ho	165Linear Thru Zero	
	Tl	205Linear Thru Zero	0.999874
	Pb	208Linear Thru Zero	0.999954