LAB ID:: BT23747 EPA Sample #:: MH1G29 SDG#:: MH1G01 Case No:: 34642
Operator:: JWW File Name:: M092805A

277

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	*0.7770	117.6473	*4.0041	121.8520	*0.0068	~53437.4805	*0.0015	*0.1413
s	0.5090	0.6513	1.7009	0.9708	0.0180	530.5455	0.0692	0.1982
sr	65.507	0.554	42.478	0.797	263.664	0.993	4522.81	140.259

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	-0.3728	*0.6335	97.2114	2200.7300	8153.8418	15.3879	10755.4111	*0.1232
s	0.5108	0.4592	2.0664	26.4441	60.7563	0.1120	82.2948	0.1789
sr	137.018	72.488	2.126	1.202	0.745	0.728	0.765	145.154

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	-3.5252	*1.0594	5.1182	2.4210	-4.7325	0.4342	3.3217	612060.0
s	2.9433	0.9275	1.1485	0.0780	1.5310	0.3834	0.0541	3077.3550
sr	83.495	87.549	22.439	3.223	32.350	88.309	1.629	0.503

	Cs	Sc
	[cps]	[cps]
x	8418.3330	4675462
s	17.0392	32254.7813
sr	0.202	0.690

JWW 9/29/05

LAB ID:: BT23748 EPA Sample #:: MH1G31 SDG#:: MH1G01 Case No:: 34642
Operator:: JWW File Name:: M092805A

278

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	*0.2979	32.0702	6.0459	172.9013	-0.0114	33433.2266	0.1099	*0.4377
s	0.2421	0.5427	1.8528	2.0639	0.0064	300.1282	0.0079	0.2353
sr	81.256	1.692	30.646	1.194	55.980	0.898	7.183	53.758

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	-0.2426	-0.0312	24.0285	797.0926	6015.0171	6.0182	1782.2454	-0.0907
s	0.2289	0.1631	1.5819	8.6366	52.9638	0.0229	65.9892	0.1282
sr	94.351	522.897	6.583	1.084	0.881	0.380	3.703	141.273

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	*5.0364	*0.2236	4.1117	0.5841	-1.1269	-0.0631	1.0359	612302.7
s	0.8048	0.2445	0.2566	0.0484	1.6606	0.2176	0.1250	9083.8750
sr	15.979	109.320	6.240	8.280	147.357	344.772	12.067	1.484

	Cs	Sc
	[cps]	[cps]
x	8177.6665	4723257
s	57.1168	25762.3750
sr	0.698	0.545

9/29/05

LAB ID:: BT23749 EPA Sample #:: MH1G33 SDG#:: MH1G01 Case No:: 34642
Operator:: JWW File Name:: M092805A

279

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**5.3995**	**617.7488**	***1.4124**	**30.7403**	**11.6148**	**439.3384**	**-0.0751**	**4.2369**
s	0.0526	5.6178	1.8207	0.4149	0.1111	5.9532	0.0710	0.0275
sr	0.974	0.909	128.901	1.350	0.957	1.355	94.496	0.650

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**10.1177**	**9.3234**	**741.4459**	**479.4717**	**259.5739**	**3.0627**	**511.3730**	**4.1908**
s	0.1169	0.1900	4.1976	2.8245	4.0799	0.0229	86.0351	0.2018
sr	1.156	2.038	0.566	0.589	1.572	0.747	16.824	4.814

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	***4.2487**	**7.0588**	**19.1705**	**0.3106**	***3.0202**	**6.6598**	**10.8813**	**616913.3**
s	1.7500	1.2045	1.6886	0.0135	0.2434	0.1520	0.1497	4505.7744
sr	41.189	17.064	8.808	4.334	8.059	2.282	1.376	0.730

	Cs	Sc
	[cps]	[cps]
x	**7875.0000**	**4735805**
s	107.0841	45966.8477
sr	1.360	0.971

Thu 9/29/05

LAB ID:: PBS092705E EPA Sample #:: PBS01 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

280

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	*1.0196	10.7307	-2.7563	-0.5181	*0.0035	*2.4047	-0.6605	-0.2017
s	0.4947	1.2633	2.6626	0.0475	0.0209	6.7793	0.0276	0.4557
sr	48.520	11.772	96.601	9.167	601.396	281.920	4.185	225.954

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	1.5901	-1.1008	-3.2375	10.8842	6.6514	0.1454	694.9935	2.4129
s	0.2161	0.4772	3.4105	0.0788	1.2984	0.0249	36.6169	0.0924
sr	13.588	43.345	105.345	0.724	19.521	17.116	5.269	3.828

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	-2.4763	*3.3876	-4.8775	0.7231	-9.9013	*0.0242	1.1489	678761.3
s	2.8040	1.5967	1.9189	0.0566	0.7572	0.3334	0.2079	4171.8945
sr	113.234	47.134	39.342	7.831	7.648	1375.39	18.092	0.615

	Cs	Sc
	[cps]	[cps]
x	7139.3335	4815603
s	88.2175	25661.1230
sr	1.236	0.533

TLW 9/29/05

LAB ID:: LCSS092705E EPA Sample #:: LCSS01 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

281

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**48.7603**	**1003.8828**	**2179.1826**	**8.4623**	**44.3469**	**>419877.5**	**98.9763**	**337.4093**
s	0.5457	21.7163	46.3367	0.3192	0.7535	6611.4707	1.3674	4.5269
sr	1.119	2.163	2.126	3.772	1.699	1.575	1.382	1.342

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**247.1682**	**>15153.7988**	**>57900.9922**	**234.1098**	**>256251.4**	**545.0363**	**783.3956**	**145.5412**
s	2.7400	154.2887	486.0294	0.3042	3552.8499	6.3909	38.6632	2.4977
sr	1.109	1.018	0.839	0.130	1.386	1.173	4.935	1.716

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**508.9807**	**448.1815**	**80.8044**	**51.3246**	**79.5684**	**154.4114**	**433.4913**	**653369.7**
s	9.7028	4.8106	4.8643	1.8208	2.2395	2.4569	6.7668	4034.5386
sr	1.906	1.073	6.020	3.548	2.815	1.591	1.561	0.617

	Cs	Sc
	[cps]	[cps]
x	**8618.6670**	**4492860**
s	125.4605	66324.8516
sr	1.456	1.476

Thu 9/29/05

Calibr. Verification Std. Sample name: CCV02

282

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**965.726**	**7920.49**	**1969.37**	**8112.70**	**197.942**	**19758.2**	**991.990**	**1978.03**
s	8.4719	50.4988	8.8950	97.0653	2.3558	228.098	9.7896	17.9745
sr	0.877	0.638	0.452	1.196	1.190	1.154	0.987	0.909

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**782.530**	**970.794**	**3919.71**	**19839.7**	**19650.8**	**1997.07**	**19825.0**	**1976.57**
s	7.7079	7.5642	40.5868	46.2438	191.987	17.1703	24.4751	19.6666
sr	0.985	0.779	1.035	0.233	0.977	0.860	0.123	0.995

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**2016.87**	**1948.07**	**1993.92**	**2456.58**	**1980.09**	**1939.09**	**1979.62**	**597023**
s	19.9233	14.9883	15.8307	2.8222	7.7742	19.4760	14.3790	5474.56
sr	0.988	0.769	0.794	0.115	0.393	1.004	0.726	0.917

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8709.33**	**4607.k**
s	30.0222	16032.6
sr	0.345	0.348

Calibr. Verification Std. Sample name: CCB02

283

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**1.1401**	**13.5855**	**-0.5883**	**1.4026**	**0.0720**	**31.1784**	**0.4353**	***0.4102**
s	0.1301	2.8898	2.5368	0.4365	0.0261	15.4612	0.0291	0.2408
sr	11.414	21.271	431.205	31.124	36.218	49.590	6.687	58.705

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**-0.0177**	***0.8268**	**4.1214**	**4.6400**	**33.8163**	**0.5889**	***14.9008**	***0.3493**
s	0.2203	0.7753	2.0093	1.5383	5.6295	0.1505	115.139	0.5833
sr	1242.56	93.769	48.752	33.153	16.647	25.563	772.700	166.983

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**9.0504**	**5.7725**	**3.9788**	**0.8946**	**-4.7299**	**0.6201**	**0.3659**	**599964**
s	2.0231	0.7519	1.4598	0.0762	0.9776	0.1743	0.1100	9053.00
sr	22.354	13.025	36.689	8.514	20.668	28.115	30.075	1.509

	Cs459.317 [cps]	Sc361.384 [cps]
x	**7848.00**	**4656.k**
s	69.3758	86629.5
sr	0.884	1.861

LAB ID:: BT23697 EPA Sample #:: MB37K2 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	-1.8524	>71971.5313	115.2171	1484.8793	3.7262	35618.0078	7.1446	76.1845
s	0.5002	522.4502	6.1309	12.7292	0.0529	381.1063	0.6445	1.1815
sr	27.003	0.726	5.321	0.857	1.421	1.070	9.021	1.551

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	130.9673	1607.0028	>231443.4	6137.6455	17282.0566	2862.1094	3469.5967	158.2963
s	1.5244	21.1018	1473.1876	84.5927	131.2658	19.8167	65.7830	1.2921
sr	1.164	1.313	0.637	1.378	0.760	0.692	1.896	0.816

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	~5372.5229	-5.8941	2.2025	3271.3008	*2.0162	286.5717	2463.4211	641300.0
s	88.3512	2.1544	1.4125	24.4815	1.0556	2.4489	22.0294	5349.8086
sr	1.645	36.551	64.132	0.748	52.353	0.855	0.894	0.834

	Cs	Sc
	[cps]	[cps]
x	7819.0000	4733188
s	37.3631	53522.6602
sr	0.478	1.131

JWW 9/29/05

LAB ID:: BT23698 EPA Sample #:: MB37K3 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-2.9296**	**>57837.9414**	**101.9613**	**800.7737**	**3.7623**	**39002.0078**	**-1.7007**	**69.3137**
s	0.3426	493.9786	0.7866	9.5256	0.0558	327.6577	0.3489	0.4412
sr	11.694	0.854	0.771	1.190	1.483	0.840	20.517	0.637

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**141.4341**	**1376.9680**	**>237185.3**	**5393.7637**	**11514.3701**	**2193.7749**	**3364.7129**	**147.6796**
s	1.4565	14.1192	3646.5884	14.3724	105.3808	33.9380	45.8681	0.6108
sr	1.030	1.025	1.537	0.266	0.915	1.547	1.363	0.414

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**2575.5830**	**-5.8579**	**1.3173**	**2873.5491**	**5.8402**	**230.6221**	**1114.6472**	**649768.7**
s	21.1362	2.8550	0.8024	18.8666	0.7367	1.9668	10.7369	5582.6011
sr	0.821	48.737	60.915	0.657	12.615	0.853	0.963	0.859

	Cs	Sc
	[cps]	[cps]
x	**7896.6665**	**4801698**
s	71.9745	52381.8047
sr	0.911	1.091

Thu 9/29/05

LAB ID:: BT23699 EPA Sample #:: MB37K4 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	-3.7455	>79796.8516	39.4817	585.2313	3.4677	>111451.7	0.7329	86.0523
s	0.2332	790.9987	1.6125	3.0665	0.0189	1295.6061	0.0196	0.1094
sr	6.226	0.991	4.084	0.524	0.545	1.162	2.679	0.127

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	152.7208	757.0726	>179466.5	5094.3555	43230.1641	2889.2898	3151.6614	173.6078
s	0.8437	1.4153	1236.1472	74.2115	223.7047	17.2595	40.1334	0.8584
sr	0.552	0.187	0.689	1.457	0.517	0.597	1.273	0.494

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	2527.6787	-7.3106	-4.4692	5884.9307	*1.4333	395.7944	1342.3528	667989.7
s	8.8136	0.6519	1.9307	37.1888	3.0125	1.5837	4.7264	4141.9204
sr	0.349	8.917	43.201	0.632	210.183	0.400	0.352	0.620

	Cs	Sc
	[cps]	[cps]
x	7938.0000	4818742
s	82.6559	8447.6152
sr	1.041	0.175

Thu 9/29/05

LAB ID:: BT23700 EPA Sample #:: MB37K5 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**1.1348**	**>70655.1250**	**87.9243**	**2057.5295**	**4.6923**	**>80181.3906**	**6.0258**	**76.9454**
s	0.4114	348.7831	0.3874	5.1926	0.0391	633.6843	0.8372	0.4280
sr	36.251	0.494	0.441	0.252	0.834	0.790	13.894	0.556

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**198.7517**	**~2668.2925**	**>266938.7**	**5656.2046**	**28820.3203**	**3787.6252**	**3695.4807**	**189.9106**
s	1.7845	30.3918	4107.6221	50.7552	441.4562	15.5055	52.0697	0.8792
sr	0.898	1.139	1.539	0.897	1.532	0.409	1.409	0.463

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**~5403.3955**	**-8.1752**	**-7.0401**	**5169.5020**	**6.5639**	**303.7713**	**3636.0989**	**647851.0**
s	60.1708	3.6165	1.2348	32.8468	0.6514	0.4081	32.9466	2521.8994
sr	1.114	44.238	17.539	0.635	9.924	0.134	0.906	0.389

	Cs	Sc
	[cps]	[cps]
x	**7917.6665**	**4810615**
s	26.0256	5130.5264
sr	0.329	0.107

Tw 9/29/05

LAB ID:: BT23701 EPA Sample #:: MB37K6 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-2.2129**	**>90229.4609**	**50.1925**	**1077.7118**	**25.6628**	**>121618.0**	**8.1242**	**129.2667**
s	0.2364	881.0681	0.6365	4.3731	0.1199	731.8654	0.2106	0.8890
sr	10.683	0.976	1.268	0.406	0.467	0.602	2.593	0.688

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**770.5538**	**1280.0834**	**>221714.2**	**12618.4561**	**~53293.1016**	**1971.3890**	**2707.3132**	**608.7501**
s	5.1015	4.0457	981.5871	150.3309	682.2554	23.5405	24.2608	5.4888
sr	0.662	0.316	0.443	1.191	1.280	1.194	0.896	0.902

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**3622.5854**	**-12.5626**	**1.2949**	**2372.4468**	**5.1014**	**336.4567**	**~4913.7788**	**646312.3**
s	15.5655	3.2721	3.2567	20.1096	2.5872	1.6907	35.3110	6217.5845
sr	0.430	26.047	251.514	0.848	50.715	0.502	0.719	0.962

	Cs	Sc
	[cps]	[cps]
x	**8318.0000**	**4772820**
s	82.6015	21360.4590
sr	0.993	0.448

Thu 9/29/05

LAB ID:: BT23702 EPA Sample #:: MB37K7 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-0.3328**	**>89723.8125**	**199.2226**	**2222.1863**	**10.3403**	**~54622.5586**	**5.0895**	**113.6879**
s	0.2071	344.8530	4.4474	9.3486	0.0826	320.1210	0.3059	1.1342
sr	62.224	0.384	2.232	0.421	0.799	0.586	6.011	0.998

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**406.9425**	**2252.4561**	**>206294.8**	**7802.4702**	**24125.9863**	**2456.3909**	**3927.8235**	**460.2057**
s	0.6293	8.7391	198.2165	11.2934	105.6288	22.2514	39.6255	1.6762
sr	0.155	0.388	0.096	0.145	0.438	0.906	1.009	0.364

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**>6962.3203**	**-9.0134**	**39.8649**	**3216.5247**	**6.4325**	**301.8405**	**3460.2886**	**653072.7**
s	34.7161	4.7695	2.7034	6.0921	1.8554	0.7956	21.0123	12088.9688
sr	0.499	52.916	6.781	0.189	28.844	0.264	0.607	1.851

	Cs	Sc
	[cps]	[cps]
x	**8041.6665**	**4852173**
s	71.9328	50673.5391
sr	0.895	1.044

JWW 9/28/05

Calibr. Verification Std. Sample name: CRI02

290

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**10.1169**	**235.284**	**14.6598**	**198.507**	**4.8416**	**4834.74**	**5.0555**	**48.8051**
s	0.4622	28.7209	0.8743	2.9461	0.0638	105.644	0.0469	0.5343
sr	4.568	12.207	5.964	1.484	1.318	2.185	0.928	1.095

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**9.5443**	**23.6782**	**186.218**	**4936.00**	**4755.39**	**16.0327**	**4860.70**	**38.6114**
s	0.0455	1.0101	62.3111	65.0963	67.8714	0.9543	98.5327	0.4569
sr	0.476	4.266	33.461	1.319	1.427	5.952	2.027	1.183

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	***6.7234**	**57.9408**	**36.0445**	**1.8594**	**22.1400**	**48.5047**	**59.7541**	**596366**
s	4.2962	2.4030	2.0771	0.8912	0.6908	0.5770	1.8375	4006.20
sr	63.900	4.147	5.763	47.929	3.120	1.190	3.075	0.672

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8484.67**	**4717.k**
s	52.0513	19238.0
sr	0.613	0.408

Calibr. Verification Std. Sample name: CRI03

291

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**10.4507**	**203.056**	**13.2976**	**195.726**	**4.7759**	**4713.95**	**4.9746**	**49.2656**
s	0.1275	3.2532	0.4012	1.5357	0.0263	49.6926	0.0088	1.2703
sr	1.220	1.602	3.017	0.785	0.552	1.054	0.176	2.579

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**8.7089**	**26.2905**	**110.368**	**4931.01**	**4653.78**	**14.9496**	**4917.98**	**40.2411**
s	0.1787	1.2764	2.1963	88.3779	33.2544	0.1943	147.530	2.4508
sr	2.052	4.855	1.990	1.792	0.715	1.300	3.000	6.090

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**11.4005**	**57.1274**	**25.8552**	**0.7534**	**22.8356**	**47.1757**	**58.4325**	**589281**
s	2.5553	1.1121	2.3775	0.0596	1.6093	0.4607	0.9174	7381.56
sr	22.414	1.947	9.195	7.911	7.047	0.977	1.570	1.253

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8351.67**	**4717.k**
s	48.9524	44543.9
sr	0.586	0.944

Interference Check Std. AB Sample name: ICSA02

292

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**-0.7440**	**>261950**	**-1.2866**	**3.6865**	**0.3055**	**>242701**	**2.8190**	**3.9237**
s	0.3968	2909.00	2.1101	0.1573	0.0314	2025.86	0.1594	0.6846
sr	53.336	1.111	164.013	4.266	10.278	0.835	5.654	17.448

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**35.2076**	**11.4779**	**>95499.8**	**22.0564**	**>257093**	**26.5946**	**728.275**	**11.8009**
s	0.5318	0.5731	1070.14	0.6456	3331.23	0.1239	56.1163	1.3192
sr	1.511	4.993	1.121	2.927	1.296	0.466	7.705	11.179

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	***3.1574**	**-11.6988**	**-5.4371**	**0.4476**	**4.1118**	**2.9312**	**44.7299**	**569135**
s	0.2224	2.7686	3.9497	0.0787	2.5095	0.2079	0.3025	6361.83
sr	7.044	23.666	72.643	17.579	61.032	7.094	0.676	1.118

	Cs459.317 [cps]	Sc361.384 [cps]
x	**9324.00**	**4329.k**
s	52.8488	27934.9
sr	0.567	0.645

Interference Check Std. AB Sample name: ICSAB02

293

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**203.945**	**>259815**	**97.4513**	**488.352**	**466.498**	**>243176**	**953.823**	**473.446**
s	0.4702	1134.12	2.6414	0.3616	3.7710	1685.56	3.4878	2.8317
sr	0.231	0.437	2.710	0.074	0.808	0.693	0.366	0.598

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**500.346**	**518.108**	**>94963.7**	**14.2857**	**>254478**	**518.780**	**662.559**	**972.158**
s	1.4933	1.8838	1427.96	0.4353	955.388	0.5818	67.8117	6.4408
sr	0.298	0.364	1.504	3.047	0.375	0.112	10.235	0.663

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Tl334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**48.0037**	**565.270**	**39.4875**	**0.5805**	**100.740**	**484.258**	**1021.81**	**572975**
s	1.9371	4.9743	3.9922	0.0772	1.0564	0.3873	3.7781	5458.92
sr	4.035	0.880	10.110	13.304	1.049	0.080	0.370	0.953

	Cs459.317 [cps]	Sc361.384 [cps]
x	**9348.67**	**4351.k**
s	44.8144	12692.6
sr	0.479	0.292

Calibr. Verification Std. Sample name: CCV03

294

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**950.139**	**7806.84**	**1922.45**	**7854.23**	**193.044**	**19399.4**	**973.162**	**1938.97**
s	4.7226	66.1101	26.6518	110.269	2.4025	177.183	7.5459	15.3386
sr	0.497	0.847	1.386	1.404	1.245	0.913	0.775	0.791

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**767.116**	**949.855**	**3835.09**	**19756.2**	**19329.1**	**1948.00**	**19618.1**	**1937.39**
s	4.8681	3.8393	36.0585	227.798	157.977	15.3767	170.208	16.8314
sr	0.635	0.404	0.940	1.153	0.817	0.789	0.868	0.869

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**1968.29**	**1903.04**	**1952.69**	**2423.36**	**1935.28**	**1904.80**	**1945.21**	**592379**
s	21.6490	25.9258	36.2777	12.7387	31.2029	10.8669	15.6311	2074.51
sr	1.100	1.362	1.858	0.526	1.612	0.571	0.804	0.350

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8771.33**	**4627.k**
s	107.612	28758.4
sr	1.227	0.622

Calibr. Verification Std. Sample name: CCB03

295

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	***0.9895**	**15.4990**	***1.1755**	**0.7593**	**0.0392**	***5.9267**	**0.2011**	***0.4627**
s	0.3012	0.8356	1.3096	0.2146	0.0023	5.5793	0.0866	0.2182
sr	30.437	5.392	111.410	28.264	5.926	94.138	43.043	47.151

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**-0.5843**	***0.0577**	**5.6655**	**0.9182**	**17.0342**	**0.2499**	***42.6906**	**-0.1932**
s	0.1659	0.2112	1.1194	0.3236	3.4095	0.0603	53.4405	0.1747
sr	28.400	365.796	19.758	35.246	20.016	24.142	125.181	90.396

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	***2.8916**	***1.4513**	***0.4233**	**0.5947**	***0.2548**	***0.1622**	**0.2614**	**584358**
s	0.7304	0.7332	2.9444	0.1226	0.8506	0.1411	0.1006	3456.15
sr	25.261	50.522	695.532	20.609	333.810	87.005	38.487	0.591

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8199.00**	**4649.k**
s	2.0000	35563.1
sr	0.024	0.765

Calibr. Verification Std. Sample name: CRI04

296

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**10.2135**	**262.036**	**12.0174**	**192.817**	**4.7034**	**4738.11**	**4.9070**	**47.9715**
s	0.0991	3.6521	0.2925	1.0279	0.0422	27.7795	0.0866	0.8068
sr	0.970	1.394	2.434	0.533	0.898	0.586	1.764	1.682

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**9.0696**	**22.1519**	**120.610**	**4860.27**	**4692.58**	**14.4956**	**4830.96**	**38.3354**
s	0.3232	0.2849	3.1814	54.8321	32.1015	0.0725	67.2844	1.6967
sr	3.564	1.286	2.638	1.128	0.684	0.500	1.393	4.426

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**15.7181**	**57.4050**	**30.7649**	**0.4710**	**20.4116**	**46.6221**	**56.4094**	**591100**
s	0.9701	0.9474	2.3896	0.0653	0.9171	0.3963	0.3544	2852.00
sr	6.172	1.650	7.767	13.860	4.493	0.850	0.628	0.482

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8299.33**	**4697.k**
s	86.1704	12922.5
sr	1.038	0.275

Calibr. Verification Std. Sample name: CRI05

297

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**9.7420**	**239.367**	**8.6053**	**191.207**	**4.6617**	**4672.45**	**4.9149**	**47.8879**
s	0.3213	0.4677	2.6675	1.4524	0.0462	60.4279	0.0666	0.6358
sr	3.298	0.195	30.998	0.760	0.991	1.293	1.355	1.328

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**8.8301**	**22.4034**	**110.377**	**4975.30**	**4627.30**	**14.3253**	**4824.58**	**37.8788**
s	0.2051	0.4721	1.6588	56.4891	47.7077	0.0901	89.8154	1.0007
sr	2.323	2.107	1.503	1.135	1.031	0.629	1.862	2.642

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**11.4113**	**53.0779**	**35.8130**	**0.3476**	**18.3733**	**46.4991**	**56.2943**	**577864**
s	2.9765	0.9995	1.9732	0.0073	1.5077	0.3876	0.9050	921.565
sr	26.084	1.883	5.510	2.102	8.206	0.834	1.608	0.159

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8388.33**	**4689.k**
s	37.1663	49261.6
sr	0.443	1.051

Interference Check Std. AB Sample name: ICSA03

298

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**-0.7978**	**>255788**	**-1.1820**	**3.4942**	**0.2850**	**>232800**	**2.7300**	**3.4751**
s	0.5322	3122.66	1.9565	0.1966	0.0168	826.395	0.1165	0.1030
sr	66.710	1.221	165.531	5.628	5.893	0.355	4.268	2.963

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**33.2568**	**10.3954**	**>92492.2**	**21.6821**	**>250399**	**25.6090**	**751.280**	**12.4309**
s	0.4211	0.4848	564.187	0.5671	400.140	0.1520	68.3239	0.8282
sr	1.266	4.663	0.610	2.615	0.160	0.594	9.094	6.663

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	***0.3582**	**-10.4248**	**-6.2789**	**0.3984**	**4.6435**	**3.0988**	**42.9055**	**557742**
s	4.0786	1.5935	3.2968	0.0855	1.2313	0.1753	0.3860	1124.71
sr	1138.54	15.286	52.506	21.474	26.518	5.659	0.900	0.202

	Cs459.317 [cps]	Sc361.384 [cps]
x	**9490.67**	**4402.k**
s	155.593	29934.3
sr	1.639	0.680

Interference Check Std. AB Sample name: ICSAB03 299

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**201.445**	**>256256**	**93.4478**	**476.075**	**449.618**	**>233900**	**921.898**	**462.252**
s	1.0185	1355.46	3.5796	2.2567	2.8665	1238.20	2.1314	0.9171
sr	0.506	0.529	3.831	0.474	0.638	0.529	0.231	0.198

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**487.654**	**512.649**	**>92052.5**	**15.9962**	**>245603**	**505.259**	**664.534**	**946.826**
s	0.9475	2.4592	1281.77	0.0688	2121.58	1.5774	107.795	3.5146
sr	0.194	0.480	1.392	0.430	0.864	0.312	16.221	0.371

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**54.4023**	**550.916**	**40.3882**	**0.5782**	**102.127**	**474.208**	**994.953**	**553603**
s	2.1723	1.6321	0.9777	0.0718	0.9956	1.7290	1.1025	5773.09
sr	3.993	0.296	2.421	12.415	0.975	0.365	0.111	1.043

	Cs459.317 [cps]	Sc361.384 [cps]
x	**9391.00**	**4344.k**
s	133.570	23072.5
sr	1.422	0.531

Calibr. Verification Std. Sample name: CCV04

300

Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**944.451**	**7769.56**	**1900.28**	**7735.67**	**190.608**	**19098.2**	**957.623**	**1912.05**
s	4.4580	59.0875	13.5373	38.5318	1.7601	91.4621	6.4637	11.3697
sr	0.472	0.760	0.712	0.498	0.923	0.479	0.675	0.595

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**758.767**	**946.392**	**3815.22**	**20017.7**	**19047.6**	**1922.79**	**19706.9**	**1911.42**
s	4.8015	4.3401	13.4665	110.410	88.5553	17.4359	65.1614	11.4070
sr	0.633	0.459	0.353	0.552	0.465	0.907	0.331	0.597

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Tl334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**1943.12**	**1893.03**	**1932.68**	**2391.63**	**1914.17**	**1889.53**	**1919.49**	**575632**
s	5.9445	11.1543	7.9082	17.9425	10.9527	9.4429	11.5626	6347.15
sr	0.306	0.589	0.409	0.750	0.572	0.500	0.602	1.103

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8850.67**	**4597.k**
s	213.488	41531.1
sr	2.412	0.903

Calibr. Verification Std. Sample name: CCB04

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Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	*0.6770	21.3349	*1.5910	1.0147	0.0490	15.3931	0.2071	*0.3037
s	0.2016	3.5363	2.6021	0.2952	0.0267	11.4680	0.0127	0.0754
sr	29.777	16.575	163.543	29.089	54.543	74.501	6.146	24.838

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	-0.0847	-0.2659	5.7336	1.5633	27.1075	0.3624	*63.1746	*0.1174
s	0.1996	0.3750	2.2194	0.1608	3.0550	0.0446	27.0803	0.1529
sr	235.639	141.049	38.709	10.285	11.270	12.297	42.866	130.226

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	-3.5776	4.7017	-3.9464	0.6324	-1.6479	*0.0255	0.2586	583663
s	1.4294	0.8404	1.1434	0.0529	1.0988	0.2025	0.0328	4740.07
sr	39.954	17.874	28.973	8.364	66.679	793.607	12.666	0.812

	Cs459.317 [cps]	Sc361.384 [cps]
x	8166.00	4700.k
s	80.2994	56189.3
sr	0.983	1.196

LAB ID:: BT23703 EPA Sample #:: MB37K8 SDG#:: MB37K2 Case No:: 34663 -
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-3.1097**	**>73788.3594**	**35.3556**	**694.4733**	**5.6987**	**>144011.6**	**2.0403**	**67.5515**
s	0.2233	828.6082	0.7585	3.0652	0.0445	2219.7944	0.1885	0.7319
sr	7.180	1.123	2.145	0.441	0.780	1.541	9.239	1.084

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**162.5742**	**2397.7693**	**>222000.0**	**6382.0620**	**22185.3125**	**2686.5103**	**3122.7634**	**192.3204**
s	1.3082	21.3162	869.9977	94.4485	180.3405	51.7534	68.9794	0.7022
sr	0.805	0.889	0.392	1.480	0.813	1.926	2.209	0.365

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**3540.7727**	**-8.1808**	**-4.4830**	**2999.6777**	***0.4939**	**258.1587**	**1381.5938**	**625917.3**
s	9.1885	3.0682	1.0982	31.3401	0.5744	2.1129	8.9398	5319.7139
sr	0.260	37.505	24.496	1.045	116.310	0.818	0.647	0.850

	Cs	Sc
	[cps]	[cps]
x	**8245.0000**	**4728512**
s	118.7561	30908.2461
sr	1.440	0.654

JWW 9/29/05

LAB ID:: BT23704 EPA Sample #:: MB37K9 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-2.6126**	**>108863.3**	**33.6493**	**656.2025**	**3.7018**	**>71351.6797**	**-2.8484**	**66.1698**
s	0.4931	716.9490	2.6444	5.0317	0.0637	1268.5211	0.1474	0.6741
sr	18.874	0.659	7.859	0.767	1.721	1.778	5.174	1.019

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**109.9605**	**767.7501**	**>209370.3**	**5624.5703**	**26846.9785**	**2769.0869**	**11759.0195**	**159.3606**
s	0.5590	5.5034	911.3138	23.4758	171.0776	49.8268	81.4766	0.4839
sr	0.508	0.717	0.435	0.417	0.637	1.799	0.693	0.304

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**1969.2841**	**-1.5408**	**-6.7623**	**5876.8716**	**4.7584**	**247.7815**	**769.6453**	**622271.7**
s	12.9840	4.2193	3.9462	32.6139	1.0575	2.5454	6.6451	6816.4956
sr	0.659	273.839	58.355	0.555	22.223	1.027	0.863	1.095

	Cs	Sc
	[cps]	[cps]
x	**8263.0000**	**4754578**
s	109.4212	13189.6943
sr	1.324	0.277

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LAB ID:: BT23705 EPA Sample #:: MB37L0 SDG#:: MB37K2 Case No:: 34663 304
Operator:: JWW File Name:: M092805A

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-1.6122**	**>57718.5391**	***4.7446**	**852.3889**	**3.5628**	**>261822.7**	**8.4607**	**45.3063**
s	0.0599	421.9545	1.7429	3.2548	0.0418	2132.7158	0.1785	0.3142
sr	3.713	0.731	36.735	0.382	1.173	0.815	2.110	0.694

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**124.0725**	**339.1313**	**>113372.4**	**6507.5249**	**25074.8945**	**1785.8744**	**3492.7878**	**142.8843**
s	0.4309	1.9314	1428.5884	28.8319	148.4564	11.2168	52.8456	0.3691
sr	0.347	0.570	1.260	0.443	0.592	0.628	1.513	0.258

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**3025.5029**	**-4.7152**	**-10.2042**	**2986.0894**	**-2.7945**	**172.1335**	**1541.1426**	**632662.0**
s	14.7106	2.6507	3.3630	31.9337	1.7173	1.2578	9.3095	6478.7744
sr	0.486	56.215	32.957	1.069	61.450	0.731	0.604	1.024

	Cs	Sc
	[cps]	[cps]
x	**8382.3330**	**4711019**
s	127.5631	10143.5986
sr	1.522	0.215

Jwh 9/29/05

LAB ID:: BT23706 EPA Sample #:: MB37L3 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag ppb	Al ppb	As ppb	Ba ppb	Be ppb	Ca ppb	Cd ppb	Co ppb
x	**-1.8296**	**>76084.2656**	**58.3277**	**1704.4102**	**6.3607**	**42078.4414**	**19.3435**	**114.1953**
s	0.4055	521.1057	0.4769	10.8700	0.0605	492.1073	0.3232	1.3831
sr	22.165	0.685	0.818	0.638	0.952	1.169	1.671	1.211

	Cr ppb	Cu ppb	Fe ppb	K ppb	Mg ppb	Mn ppb	Na ppb	Ni ppb
x	**306.1807**	**>12504.6572**	**>341856.6**	**5715.4126**	**28504.3711**	**3325.2314**	**3443.1267**	**506.5308**
s	2.7096	88.5746	5421.1025	14.3737	148.5889	40.5677	44.0735	4.4545
sr	0.885	0.708	1.586	0.251	0.521	1.220	1.280	0.879

	Pb ppb	Sb ppb	Se ppb	Ti ppb	Tl ppb	V ppb	Zn ppb	Ar [cps]
x	**>11486.4492**	**-10.9079**	**-13.8629**	**4626.7612**	**9.6381**	**450.7365**	**4098.8950**	**617248.0**
s	120.3393	1.8452	3.6901	81.9312	1.9454	3.4458	12.6150	7663.4790
sr	1.048	16.916	26.619	1.771	20.185	0.764	0.308	1.242

	Cs [cps]	Sc [cps]
x	**8285.6670**	**4833786**
s	82.8090	62075.2617
sr	0.999	1.284

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LAB ID:: BT23707 EPA Sample #:: MB37L4 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag ppb	Al ppb	As ppb	Ba ppb	Be ppb	Ca ppb	Cd ppb	Co ppb
x	**-11.7623**	**>59319.1055**	**87.3403**	**1594.1187**	**5.9669**	**27744.0703**	**17.3481**	**113.4510**
s	0.1530	180.5651	0.6829	42.0595	0.0761	845.5495	0.8365	2.1746
sr	1.301	0.304	0.782	2.638	1.275	3.048	4.822	1.917

	Cr ppb	Cu ppb	Fe ppb	K ppb	Mg ppb	Mn ppb	Na ppb	Ni ppb
x	**171.5861**	**>3750.5930**	**>751147.7**	**5338.6113**	**9069.2480**	**>7449.0122**	**1202.9060**	**251.3121**
s	6.8540	31.7327	12919.8779	68.2903	296.9012	47.1131	34.0179	3.6418
sr	3.995	0.846	1.720	1.279	3.274	0.632	2.828	1.449

	Pb ppb	Sb ppb	Se ppb	Ti ppb	Tl ppb	V ppb	Zn ppb	Ar [cps]
x	**>17687.4375**	**42.8824**	**-23.5582**	**4031.4814**	**25.9637**	**585.9963**	**4080.9219**	**598253.0**
s	531.4374	3.9492	5.7863	59.4392	1.4528	14.3666	33.5455	21472.1602
sr	3.005	9.209	24.562	1.474	5.596	2.452	0.822	3.589

	Cs [cps]	Sc [cps]
x	**8308.6670**	**4781467**
s	40.0791	24568.1230
sr	0.482	0.514

JWW 9/29/05

LAB ID:: BT23708 EPA Sample #:: MB37L5 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-1.0199**	**>79921.5938**	**61.5478**	**625.1227**	**3.3697**	**32087.2324**	**-0.6872**	**50.7341**
s	0.2802	559.8409	2.5106	7.7364	0.0453	416.3626	0.0836	0.6768
sr	27.471	0.700	4.079	1.238	1.345	1.298	12.159	1.334

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**115.0376**	**476.3848**	**>123054.2**	**5578.9985**	**14667.0293**	**1642.7778**	**4227.3281**	**117.5643**
s	2.1169	6.3576	1127.4432	33.9822	193.4647	19.8296	43.9911	1.4892
sr	1.840	1.335	0.916	0.609	1.319	1.207	1.041	1.267

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**1845.8308**	**-3.8373**	**-2.8558**	**3228.6274**	**-2.0163**	**197.6265**	**932.5892**	**619221.0**
s	28.0665	3.4454	4.1107	101.8631	1.9740	2.4072	12.5012	1835.0310
sr	1.521	89.786	143.944	3.155	97.903	1.218	1.340	0.296

	Cs	Sc
	[cps]	[cps]
x	**8113.6665**	**4875813**
s	77.9508	56716.4922
sr	0.961	1.163

JWW 9/28/05

LAB ID:: BT23708D EPA Sample #:: MB37L5D SDG#:: MB37K2 Case No:: 34663 308
Operator:: JWW File Name:: M092805A

Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	-1.1207	>82460.6250	62.4835	731.1748	3.2841	40978.6055	-0.1533	53.6442
s	0.2231	605.2148	1.9141	3.8381	0.0408	33.0462	0.1275	0.4046
sr	19.910	0.734	3.063	0.525	1.244	0.081	83.183	0.754

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	112.3242	498.9301	>123049.1	5449.4307	14848.6563	1641.6543	4690.2734	122.1896
s	0.4424	3.3567	2034.8964	83.4602	68.0722	16.3416	30.1729	0.4692
sr	0.394	0.673	1.654	1.532	0.458	0.995	0.643	0.384

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	2183.7847	-3.9226	-9.2799	3067.3838	*2.1833	187.3044	1014.7399	616490.7
s	12.5174	1.4999	3.8571	18.9757	1.1324	0.5301	4.2403	3131.5908
sr	0.573	38.239	41.564	0.619	51.865	0.283	0.418	0.508

	Cs	Sc
	[cps]	[cps]
x	8064.0000	4840902
s	64.5058	30185.3887
sr	0.800	0.624

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LAB ID:: BT23708S EPA Sample #:: MB37L5S SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag ppb	Al ppb	As ppb	Ba ppb	Be ppb	Ca ppb	Cd ppb	Co ppb
x	**74.6238**	**>81012.4766**	**124.0470**	**4590.1870**	**95.1787**	**32346.7480**	**92.2340**	**996.5718**
s	0.4075	388.1261	2.5446	34.2379	0.2448	75.5564	0.5878	1.5286
sr	0.546	0.479	2.051	0.746	0.257	0.234	0.637	0.153

	Cr ppb	Cu ppb	Fe ppb	K ppb	Mg ppb	Mn ppb	Na ppb	Ni ppb
x	**491.7416**	**987.4590**	**>113289.2**	**5138.7866**	**14079.0703**	**2528.5303**	**4233.5239**	**1054.1210**
s	1.3097	2.5276	641.8486	64.7970	48.4101	9.8490	48.1774	1.4647
sr	0.266	0.256	0.567	1.261	0.344	0.390	1.138	0.139

	Pb ppb	Sb ppb	Se ppb	Ti ppb	Tl ppb	V ppb	Zn ppb	Ar [cps]
x	**2016.3890**	**20.1971**	**66.2979**	**2916.8828**	**97.7972**	**1123.8639**	**1819.8519**	**614867.0**
s	12.1729	4.0136	2.8591	9.7664	1.3169	3.3544	1.8086	5617.6763
sr	0.604	19.872	4.312	0.335	1.347	0.298	0.099	0.914

	Cs [cps]	Sc [cps]
x	**8188.6665**	**4830912**
s	92.4464	20062.1113
sr	1.129	0.415

Thu 9/29/05

LAB ID:: BT23708L EPA Sample #:: MB37L5L SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	***0.5236**	**15882.6982**	**12.0796**	**126.2573**	**0.6650**	**6442.2754**	**-0.1380**	**10.5766**
s	0.2730	208.2064	0.1518	2.0096	0.0176	38.6426	0.2944	0.5644
sr	52.142	1.311	1.257	1.592	2.650	0.600	213.248	5.336

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**22.3586**	**95.3651**	**>24962.3418**	**1151.8026**	**3026.7148**	**333.5612**	**986.3527**	**23.3314**
s	0.4935	1.2022	292.6708	4.2330	8.7904	2.2847	76.6828	1.1893
sr	2.207	1.261	1.172	0.368	0.290	0.685	7.774	5.098

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**377.6053**	**-0.3224**	**1.3022**	**622.8570**	**-1.6374**	**39.8990**	**199.6315**	**573962.0**
s	2.7295	0.2912	3.5910	3.9394	1.9325	0.6638	0.8793	5055.7412
sr	0.723	90.342	275.756	0.632	118.026	1.664	0.440	0.881

	Cs	Sc
	[cps]	[cps]
x	**8254.0000**	**4746850**
s	115.8318	35294.6250
sr	1.403	0.744

JWW 9/29/05

LAB ID:: BT23707 3X EPA Sample #:: MB37L4 SDG#:: MB37K2 Case No:: 34663
Operator:: JWW File Name:: M092805A

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Concentration (Dilution Calculation) (n=3)

	Ag	Al	As	Ba	Be	Ca	Cd	Co
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**-3.4376**	**~19901.8613**	**31.4232**	**538.7369**	**2.0253**	**9404.5361**	**4.7782**	**39.2300**
s	0.3108	368.6889	0.7460	6.6360	0.0300	105.6674	0.3778	0.6954
sr	9.041	1.853	2.374	1.232	1.482	1.124	7.906	1.773

	Cr	Cu	Fe	K	Mg	Mn	Na	Ni
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	**60.5124**	**1245.0128**	**>259134.8**	**1815.7125**	**3222.9194**	**2521.8813**	**634.2086**	**85.1776**
s	0.6741	15.0967	5067.5430	7.4240	45.9233	28.1965	119.3996	1.0223
sr	1.114	1.213	1.956	0.409	1.425	1.118	18.827	1.200

	Pb	Sb	Se	Ti	Tl	V	Zn	Ar
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	[cps]
x	**>6209.0820**	**13.7547**	**-2.7286**	**1362.6755**	**6.1256**	**196.8377**	**1400.0626**	**578022.0**
s	66.3629	0.7185	4.8893	26.9460	0.4953	2.3705	15.3994	1936.1511
sr	1.069	5.224	179.184	1.977	8.086	1.204	1.100	0.335

	Cs	Sc
	[cps]	[cps]
x	**8427.0000**	**4743608**
s	76.6094	59046.6523
sr	0.909	1.245

Jwn 9/29/05

Calibr. Verification Std. Sample name: CCV05

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Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	**927.464**	**7648.34**	**1863.47**	**7518.91**	**187.350**	**18639.1**	**932.408**	**1867.64**
s	10.7697	113.429	9.5389	121.822	2.4044	214.583	6.7240	15.8537
sr	1.161	1.483	0.512	1.620	1.283	1.151	0.721	0.849

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**740.908**	**931.048**	**3723.43**	**20111.9**	**18536.6**	**1886.61**	**19830.7**	**1864.77**
s	7.2288	11.8087	36.1818	193.321	162.671	26.4696	245.320	12.5253
sr	0.976	1.268	0.972	0.961	0.878	1.403	1.237	0.672

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Ti334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**1924.92**	**1857.00**	**1901.54**	**2353.12**	**1887.86**	**1848.47**	**1876.77**	**561289**
s	20.7844	9.7423	21.0428	19.9217	21.9262	18.4497	16.3564	7727.79
sr	1.080	0.525	1.107	0.847	1.161	0.998	0.872	1.377

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8998.67**	**4649.k**
s	53.0031	46072.8
sr	0.589	0.991

Calibr. Verification Std. Sample name: CCB05

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Concentration (Dilution Calculation) (n=3)

	Ag328.068 [Conc]	Al394.401 [Conc]	As189.042 [Conc]	Ba233.527 [Conc]	Be313.107 [Conc]	Ca318.128 [Conc]	Cd226.502 [Conc]	Co228.615 [Conc]
x	***0.7229**	**18.4677**	***3.3965**	**1.0656**	**0.0624**	***3.5136**	**0.3224**	**0.8758**
s	0.0983	5.3639	1.1384	0.3175	0.0162	4.4404	0.1284	0.0788
sr	13.603	29.045	33.518	29.794	26.043	126.378	39.822	9.004

	Cr267.716 [Conc]	Cu324.754 [Conc]	Fe262.829 [Conc]	K766.490 [Conc]	Mg279.079 [Conc]	Mn257.610 [Conc]	Na330.237 [Conc]	Ni231.604 [Conc]
x	**-0.4142**	**-0.1456**	**10.1040**	**1.7064**	**18.6241**	**0.3832**	***82.3465**	***0.3752**
s	0.1820	0.0460	3.3174	0.6784	5.0205	0.0868	16.4660	0.4434
sr	43.945	31.617	32.832	39.757	26.957	22.656	19.996	118.182

	Pb168.215 [Conc]	Sb206.833 [Conc]	Se196.090 [Conc]	Tl334.941 [Conc]	Tl190.864 [Conc]	V292.402 [Conc]	Zn213.856 [Conc]	Ar404.442 [cps]
x	**-3.3102**	***1.5924**	**-4.3543**	**0.8697**	**-1.3998**	***0.0384**	**0.4279**	**556398**
s	1.5498	0.8386	1.1086	0.1881	0.8444	0.1238	0.0701	5563.75
sr	46.817	52.663	25.461	21.627	60.320	322.495	16.390	1.000

	Cs459.317 [cps]	Sc361.384 [cps]
x	**8230.00**	**4673.k**
s	122.491	44080.3
sr	1.488	0.943