

**GC Pesticide Data
Standards Data**

Form 6

Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08036.D	CAL PEST@2PPB	07/11/05 08:11	2	3G08035.D	CAL PEST@10PPB	07/11/05 07:55
3	3G08034.D	CAL PEST@50PPB	07/11/05 07:38	4	3G08033.D	CAL PEST@100PPB	07/11/05 07:22
5	3G08032.D	CAL PEST@200PPB	07/11/05 07:05	6	3g08031.d	CAL PEST@400PPB	07/11/05 06:49
7	3G08037.D	CAL CHLOR@100PP	07/11/05 08:27	8	3G08038.D	CAL TOXAPH@500P	07/11/05 08:44

Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations							
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	0.5318	0.6620	0.6637	0.5834	0.5672	0.5255	---	---	0.589	2.69	0.998	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Lin	0.5028	0.5346	0.6560	0.6291	0.6573	0.6341	---	---	0.602	3.84	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	0.5324	0.5635	0.6533	0.6100	0.6222	0.5899	---	---	0.595	4.35	0.999	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Qua	0.9241	0.5720	0.4407	0.3624	0.3363	0.3058	---	---	0.490	5.24	0.997	0.999	48	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Lin	0.6961	0.6346	0.5728	0.5054	0.4887	0.4425	---	---	0.557	4.64	0.997	1.00	17	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	0.6198	0.5440	0.6339	0.5967	0.6130	0.5815	---	---	0.598	5.59	0.999	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	0.5307	0.5466	0.6034	0.5716	0.5941	0.5751	---	---	0.570	5.01	1.00	1.00	4.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	0.5697	0.5660	0.5897	0.5417	0.5571	0.5332	---	---	0.560	5.86	0.999	1.00	3.6	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	0.6805	0.6780	0.6944	0.6423	0.6746	0.6496	---	---	0.670	6.27	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	0.6470	0.6633	0.6706	0.6016	0.6066	0.5803	---	---	0.628	6.34	0.999	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	0.5252	0.4819	0.5047	0.4551	0.4434	0.4078	---	---	0.470	6.23	0.998	1.00	9.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	0.5674	0.6425	0.6703	0.6075	0.6171	0.5824	---	---	0.615	6.43	0.999	1.00	6.2	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	0.4730	0.4876	0.5367	0.4914	0.5048	0.4676	---	---	0.494	6.69	0.998	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	0.4363	0.4621	0.4943	0.4498	0.4663	0.4236	---	---	0.455	6.96	0.997	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	0.4558	0.4532	0.4544	0.4031	0.4042	0.3593	---	---	0.422	7.43	0.996	1.00	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	0.6264	0.5690	0.5827	0.5283	0.5388	0.5082	---	---	0.559	7.56	0.999	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Avg	0.2836	0.3088	0.3638	0.3359	0.3609	0.3534	---	---	0.334	7.66	1.00	1.00	9.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	0.4640	0.4473	0.4596	0.4055	0.4012	0.3804	---	---	0.426	8.08	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	0.4251	0.4657	0.4923	0.4338	0.4346	0.4122	---	---	0.444	8.47	0.999	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Avg	0.1311	0.1555	0.1665	0.1614	0.1568	0.1409	---	---	0.152	8.39	0.996	1.00	8.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	0.4732	0.5386	0.5911	0.5320	0.5212	0.4732	---	---	0.522	9.03	0.997	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Lin	0.8359	0.7884	0.8013	0.6953	0.6743	0.6326	---	---	0.738	10.11	0.998	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	0.0310	4.69	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	0.0628	6.32	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	0.110	6.39	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	0.00878	7.16	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	0.00557	7.41	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	0.00590	7.68	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	0.00542	8.03	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	0.00485	8.51	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Lin	1.5333	1.7046	1.5047	1.4033	1.3394	1.2584	---	---	1.46	2.75	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	1.3868	1.4588	1.7374	1.6390	1.7300	1.7203	---	---	1.61	3.64	1.00	1.00	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	1.4579	1.4870	1.6601	1.5304	1.5753	1.5455	---	---	1.54	4.15	1.00	1.00	4.6	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Lin	1.0452	1.0207	0.9420	0.8211	0.8033	0.7598	---	---	0.899	4.23	0.999	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Lin	1.9870	1.5564	1.5284	1.3758	1.3942	1.3565	---	---	1.53	4.59	1.00	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	1.3553	1.4588	1.7107	1.6013	1.6686	1.6560	---	---	1.58	4.72	1.00	1.00	8.8	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.63

Avg Rsd Col 2: 7.51

Flags
c - failed the initial calibration criteria (if applicable)

Note:

Col = Column Number
 Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. ncb/chlordane etc...)
 Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
 Corr 1 = Correlation Coefficient for linear Eq.
 Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
 Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

982100

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08036.D	CAL PEST@2PPB	07/11/05 08:11	2	3G08035.D	CAL PEST@10PPB	07/11/05 07:55
3	3G08034.D	CAL PEST@50PPB	07/11/05 07:38	4	3G08033.D	CAL PEST@100PPB	07/11/05 07:22
5	3G08032.D	CAL PEST@200PPB	07/11/05 07:05	6	3g08031.d	CAL PEST@400PPB	07/11/05 06:49
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Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations							
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	1.6051	1.4826	1.5693	1.4482	1.5087	1.5180	---	---	1.52	5.03	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.5127	1.5144	1.5716	1.4250	1.4578	1.4330	---	---	1.49	5.75	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	1.7786	1.5871	1.6148	1.4552	1.4861	1.4642	---	---	1.56	5.96	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	1.4859	1.5311	1.5233	1.3486	1.3442	1.2992	---	---	1.42	6.17	0.999	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.5332	1.5844	1.6819	1.5422	1.5968	1.5786	---	---	1.59	6.22	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.4240	1.5039	1.5971	1.4555	1.4881	1.4773	---	---	1.49	6.47	1.00	1.00	4.0	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.4176	1.3413	1.4776	1.3702	1.4315	1.4232	---	---	1.41	6.63	1.00	1.00	3.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.1704	1.1915	1.2587	1.1456	1.1650	1.1250	---	---	1.18	7.11	1.00	1.00	3.9	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	1.0681	1.1040	1.1973	1.1062	1.1554	1.1303	---	---	1.13	7.20	1.00	1.00	4.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.4446	1.4496	1.5109	1.3603	1.3970	1.3510	---	---	1.42	7.34	1.00	1.00	4.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Avg	0.8106	0.9204	1.0505	0.9807	1.0383	1.0463	---	---	0.975	7.60	1.00	1.00	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Lin	1.4175	1.3170	1.2122	1.0618	1.0511	1.0124	---	---	1.18	7.77	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	1.2850	1.3205	1.3542	1.2097	1.2261	1.2095	---	---	1.27	7.93	1.00	1.00	4.9	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	0.5127	0.5226	0.5684	0.5057	0.4931	0.4653	---	---	0.511	8.72	0.999	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	1.8919	1.6617	1.7256	1.5269	1.5161	1.4493	---	---	1.63	8.97	0.999	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Lin	2.3774	2.2542	2.3697	1.9802	1.8866	1.8293	---	---	2.12	10.65	0.999	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	0.0891	4.59	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	0.322	6.00	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	0.136	6.18	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	0.0175	6.76	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	0.0291	7.14	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	0.0155	7.65	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	0.0178	8.45	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	0.0133	8.52	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 9.63

Avg Rsd Col 2: 7.51

Flags
c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte. >0=multi peak analyte (i.e. nch/chlordane etc...)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

262100

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08036.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08036.D\ECD2B.CH
 Acq On : 11 Jul 2005 8:11 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_3
 Misc : A, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:13 2005 Quant Results File: 3G_P0711.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.69	2.74	10636	30666	1.757m	2.200m#
2) alpha-BHC	3.84	3.64	10058	27738	3.928m	4.166
3) gamma-BHC	4.35	4.15	10648	29159	1.634	1.848
4) beta-BHC	5.24	4.23	18484	20905	N.D. m	2.337
5) Heptachlor	4.64	4.58	13923	39741	N.D.	2.363
6) delta-BHC	5.59	4.71	12397	27107	1.941	3.384 #
7) Aldrin	5.01	5.03	10616	32102	1.844	2.001
8) Heptachlor Epoxi	5.86	5.75	11395	30255	1.901	2.011
9) y-chlordane	6.27	5.96	13612	35573	1.918	2.264
10) a-chlordane	6.34	6.17	12942	29718	1.941	2.100
11) Endosulfan I	6.23	6.22	10504	30665	2.158	1.920
12) p,p'-DDE	6.43	6.47	11350	28480	2.010	1.967
13) Dieldrin	6.69	6.62	9460	28354	1.713	1.964
14) Endrin	6.96	7.11	8727	23408	1.877	1.994
15) p,p'-DDD	7.43	7.20	9117	21363	1.954	1.899
16) Endosulfan II	7.56	7.34	12529	28893	2.195	2.020
17) p,p'-DDT	7.66	7.60	5673	16213	7.282	4.004m#
18) Endrin Aldehyde	8.08	7.77	9281	28352	2.063	2.385
19) Endosulfan Sulfa	8.47	7.92	8503	25701	1.759	2.010
20) Methoxychlor	8.39	8.71	2624	10254	1.533	1.603m
21) Endrin Ketone	9.03	8.97	9464	37839	1.660m	2.322 #
22) DCB-Surrogate	10.11	10.65	16718	47550	2.181m	2.363m
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

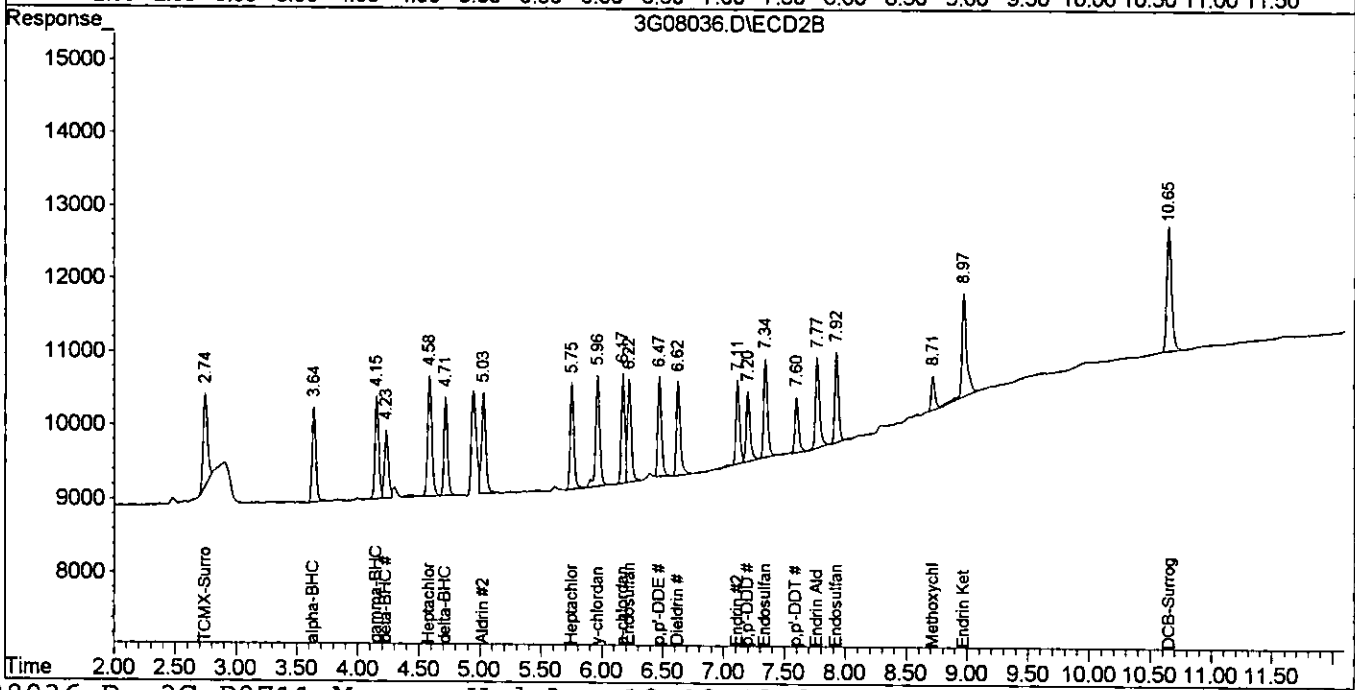
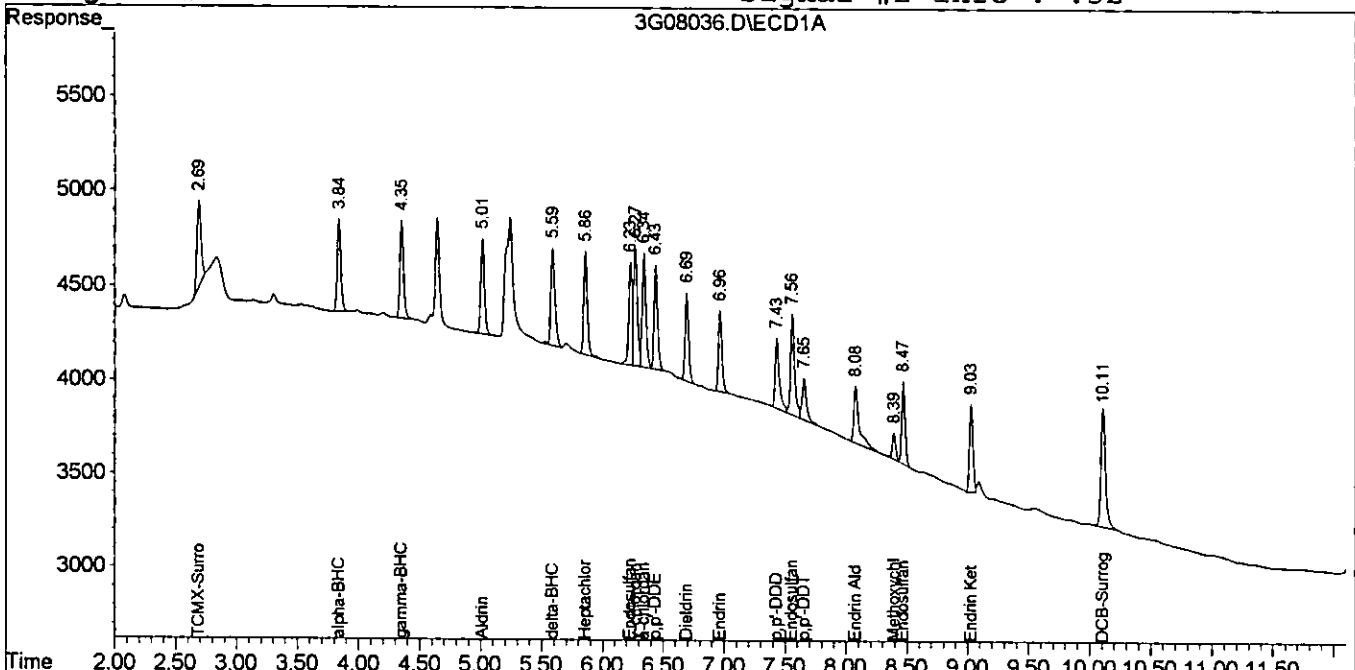
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08036.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08036.D\ECD2B.CH
 Acq On : 11 Jul 2005 8:11 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_3
 Misc : A, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:13 2005 Quant Results File: 3G_P0711.RES

607100

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08035.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08035.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:55 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_3
 Misc : A, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:03 2005 Quant Results File: 3G_P0711.RES

001300

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.69	2.75	66206	170468	10.934	12.231
2) alpha-BHC	3.84	3.64	53462	145881	10.221	10.616
3) gamma-BHC	4.35	4.15	56350	148706	8.724	9.422
4) beta-BHC	5.24	4.23	57201	102078	7.319	11.413 #
5) Heptachlor	4.64	4.59	63469	155641	7.452	9.252
6) delta-BHC	5.59	4.72	54405	145886	8.518	10.065
7) Aldrin	5.01	5.03	54669	148266	9.499	9.242
8) Heptachlor Epoxi	5.86	5.75	56600	151446	9.442	10.067
9) y-chlordane	6.27	5.96	67808	158719	9.556	10.100
10) a-chlordane	6.34	6.17	66334	153119	9.951	10.820
11) Endosulfan I	6.23	6.22	48193	158444	9.899	9.921
12) p,p'-DDE	6.44	6.47	64250	150392	11.379	10.388
13) Dieldrin	6.69	6.62	48769	134131	8.832	9.293
14) Endrin	6.96	7.11	46217	119156	9.938	10.148
15) p,p'-DDD	7.43	7.20	45328	110407	9.717	9.812
16) Endosulfan II	7.56	7.34	56903	144968	9.968	10.136
17) p,p'-DDT	7.66	7.60	30884	92042	13.893	10.217m#
18) Endrin Aldehyde	8.08	7.77	44732	131707	9.942	11.081
19) Endosulfan Sulfa	8.47	7.93	46574	132057	9.638	10.327
20) Methoxychlor	8.39	8.72	15553	52265	7.320m	8.168m
21) Endrin Ketone	9.03	8.97	53865	166178	9.448	10.197
22) DCB-Surrogate	10.11	10.65	78841	225424	10.283	11.202
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

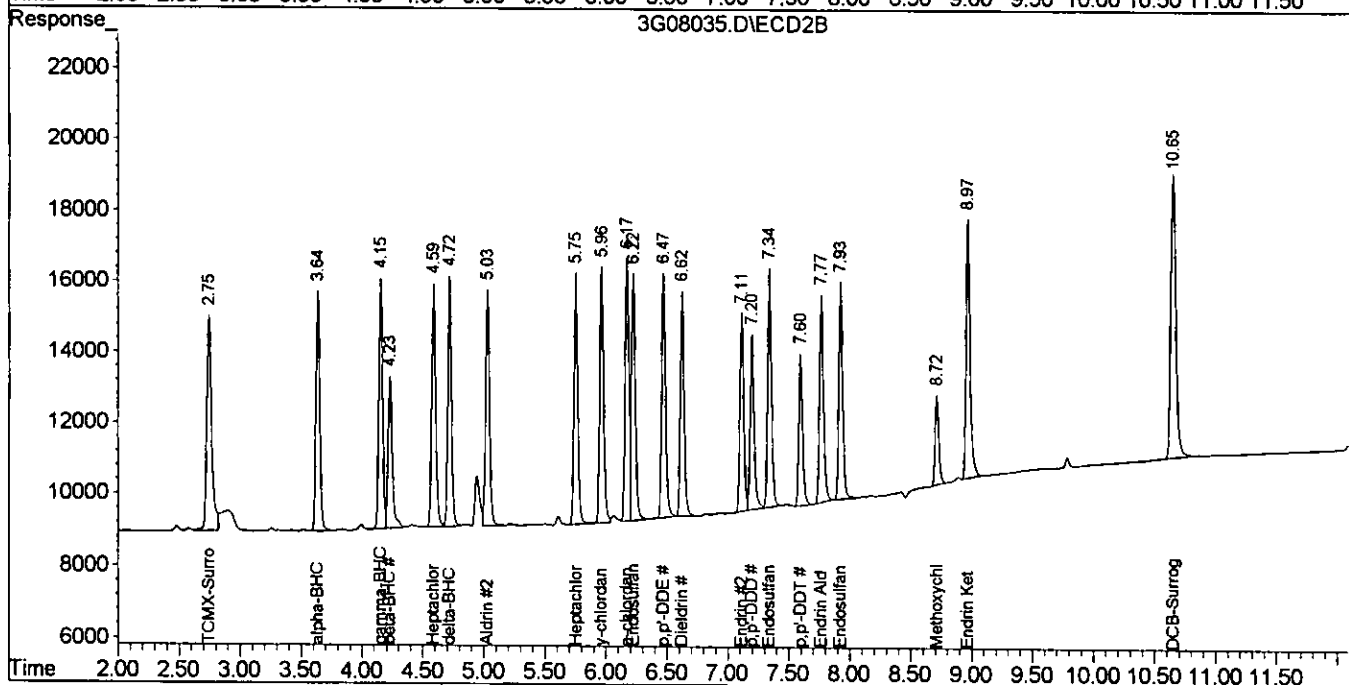
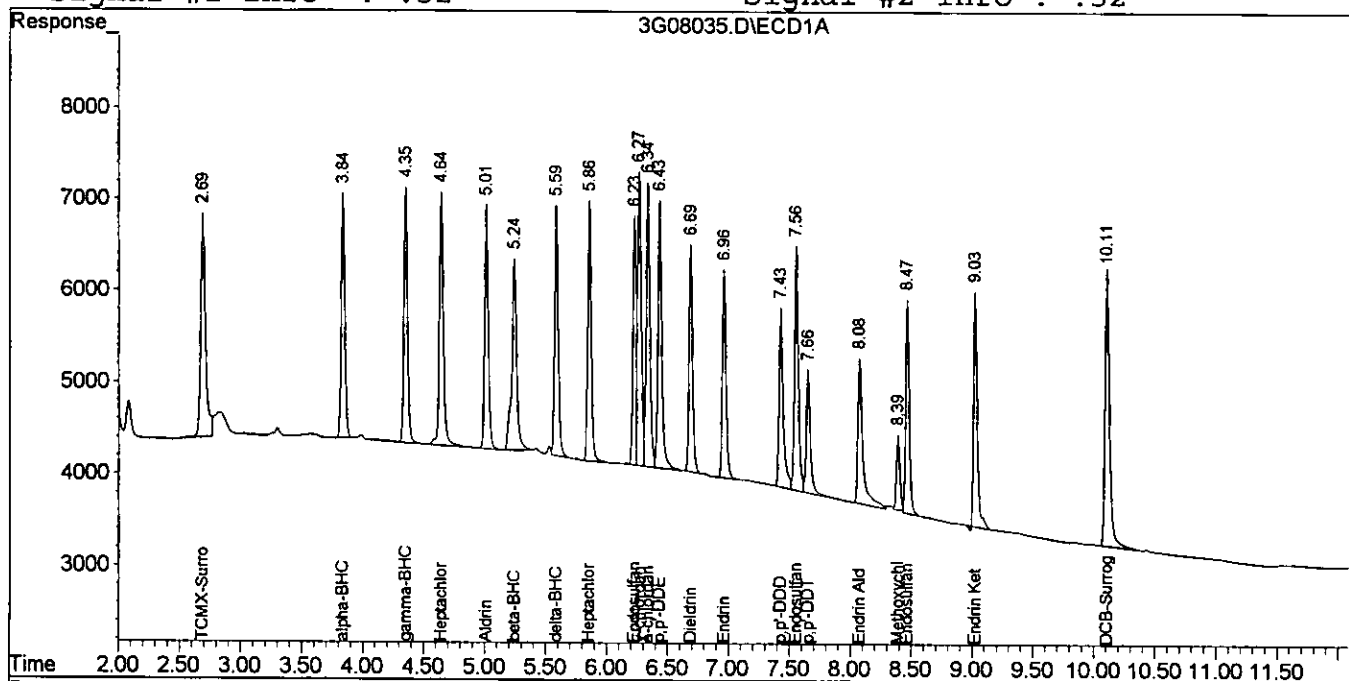
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08035.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08035.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:55 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:03 2005 Quant Results File: 3G_P0711.RES

09130110

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08034.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08034.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:38 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:01 2005 Quant Results File: 3G_P0711.RES

091302

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.75	331896	752393	54.812	53.985
2) alpha-BHC	3.84	3.64	328042	868737	50.028m	50.080
3) gamma-BHC	4.35	4.15	326657	830075	50.659	52.595
4) beta-BHC	5.24	4.23	220366	471044	58.104	52.668
5) Heptachlor	4.64	4.59	286404	764211	45.417	45.430
6) delta-BHC	5.59	4.72	316959	855394	49.625	49.973
7) Aldrin	5.01	5.03	301729	784649	52.425	48.910
8) Heptachlor Epoxi	5.86	5.75	294870	785843	49.192	52.235
9) y-chlordane	6.27	5.96	347239	807429	48.937	51.381
10) a-chlordane	6.34	6.17	335338	761690	50.303	53.823
11) Endosulfan I	6.23	6.22	252373	840960	51.839	52.659
12) p,p'-DDE	6.43	6.47	335197	798561	59.368	55.160
13) Dieldrin	6.69	6.63	268383	738826	48.602	51.190
14) Endrin	6.96	7.11	247176	629384	53.148	53.603
15) p,p'-DDD	7.43	7.20	227217	598659	48.708	53.205
16) Endosulfan II	7.56	7.34	291373	755463	51.041	52.823
17) p,p'-DDT	7.66	7.60	181932	525264	53.501	45.714
18) Endrin Aldehyde	8.08	7.77	229819	606126	51.078	50.998
19) Endosulfan Sulfa	8.47	7.93	246187	677115	50.944	52.949
20) Methoxychlor	8.39	8.72	83283	284206	37.637m	44.417
21) Endrin Ketone	9.03	8.97	295566	862807	51.845	52.941
22) DCB-Surrogate	10.11	10.65	400661	1184882	52.258	58.882
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

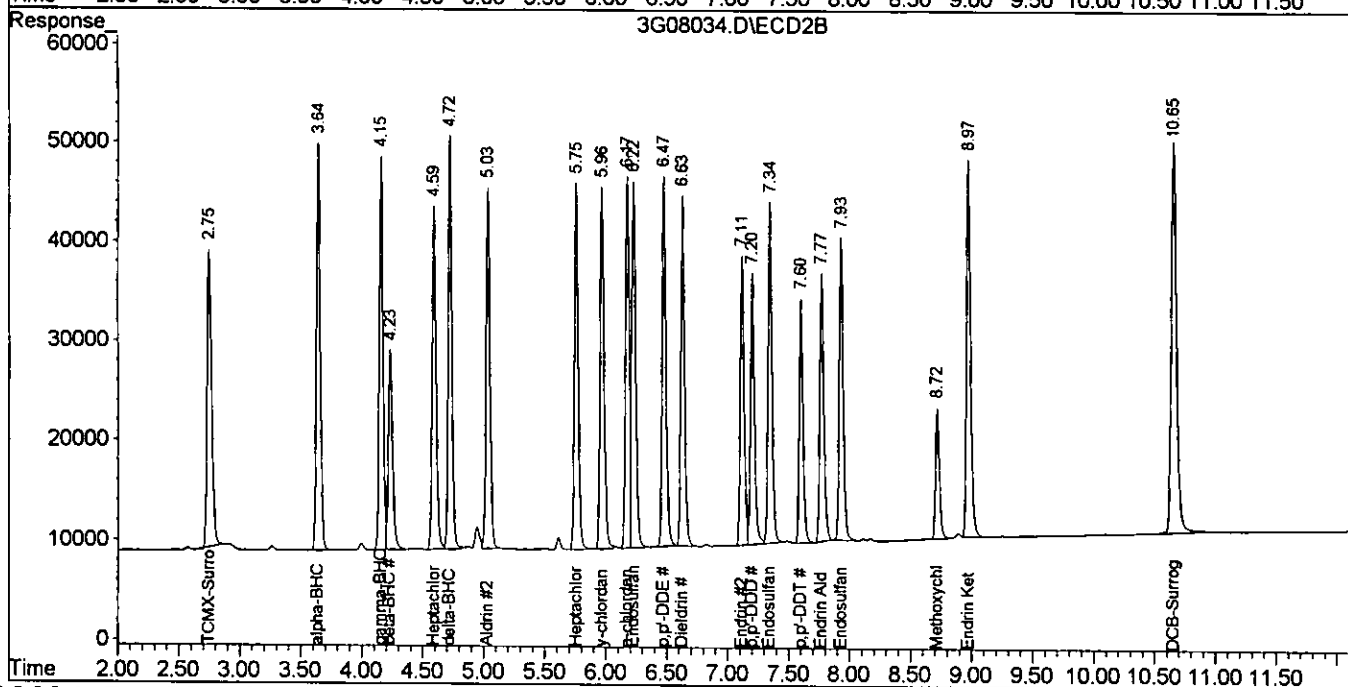
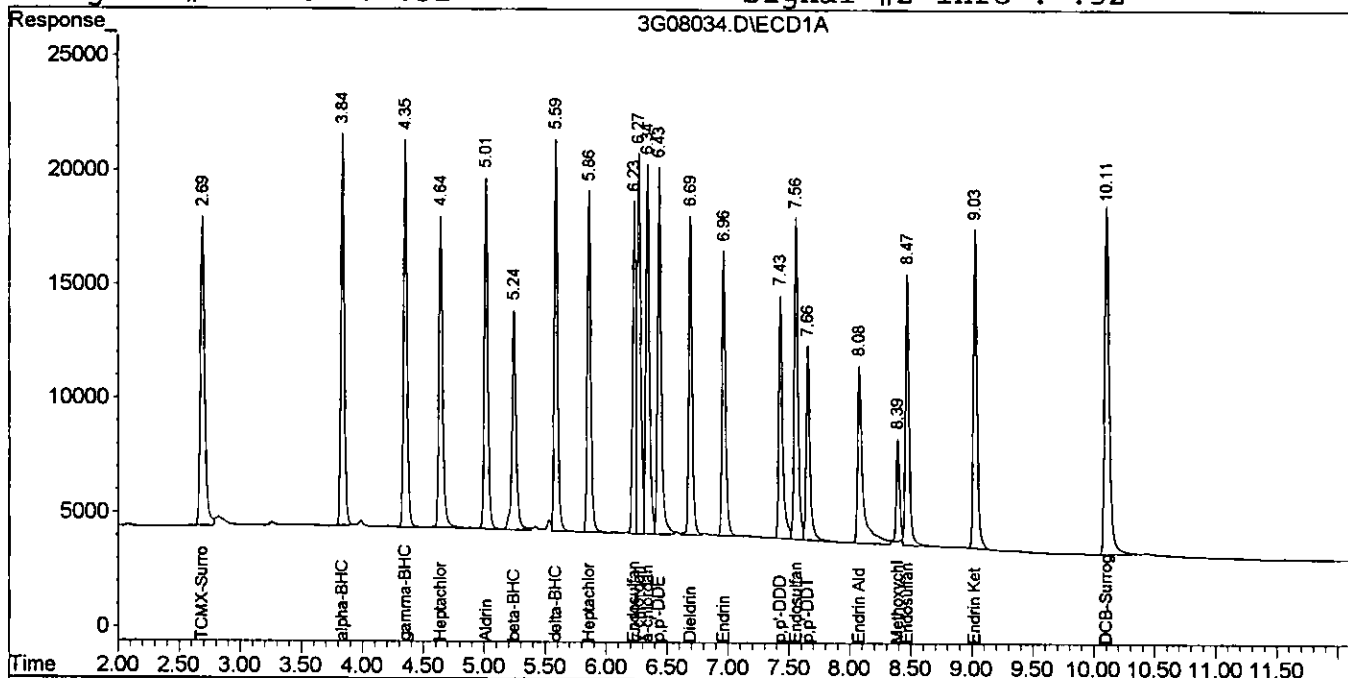
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08034.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08034.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:38 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:01 2005 Quant Results File: 3G_P0711.RES

001909

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08033.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08033.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:22 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 7:47 2005 Quant Results File: 3G_P0711.RES

001304

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.75	583435	1403387	96.354	100.695
2) alpha-BHC	3.84	3.64	629111	1639064	93.675	92.137
3) gamma-BHC	4.35	4.15	610078	1530405	94.628	96.968
4) beta-BHC	5.24	4.23	362460	821154	102.331	91.815
5) Heptachlor	4.64	4.59	505454	1375802	82.721	81.788
6) delta-BHC	5.59	4.72	596744	1601392	93.431	91.934
7) Aldrin	5.01	5.03	571680	1448212	99.328	90.272
8) Heptachlor Epoxi	5.86	5.75	541735	1425018	90.376	94.721
9) y-chlordane	6.27	5.96	642374	1455199	90.531	92.603
10) a-chlordane	6.34	6.17	601645	1348606	90.252	95.296
11) Endosulfan I	6.23	6.22	455173	1542226	93.496	96.571
12) p,p'-DDE	6.43	6.47	607554	1455539	107.605	100.539
13) Dieldrin	6.69	6.63	491471	1370229	89.002	94.937
14) Endrin	6.96	7.11	449865	1145669	96.731	97.574
15) p,p'-DDD	7.43	7.20	403123	1106201	86.416	98.312
16) Endosulfan II	7.56	7.34	528316	1360390	92.548	95.121
17) p,p'-DDT	7.66	7.60	335973	980705	93.894	83.031
18) Endrin Aldehyde	8.08	7.77	405570	1061845	90.139	89.341
19) Endosulfan Sulfa	8.47	7.93	433821	1209737	89.772	94.599
20) Methoxychlor	8.39	8.72	161438	505792	72.619	79.048
21) Endrin Ketone	9.03	8.97	532082	1526918	93.332	93.691
22) DCB-Surrogate	10.11	10.65	695365	1980201	90.697	98.405
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/0

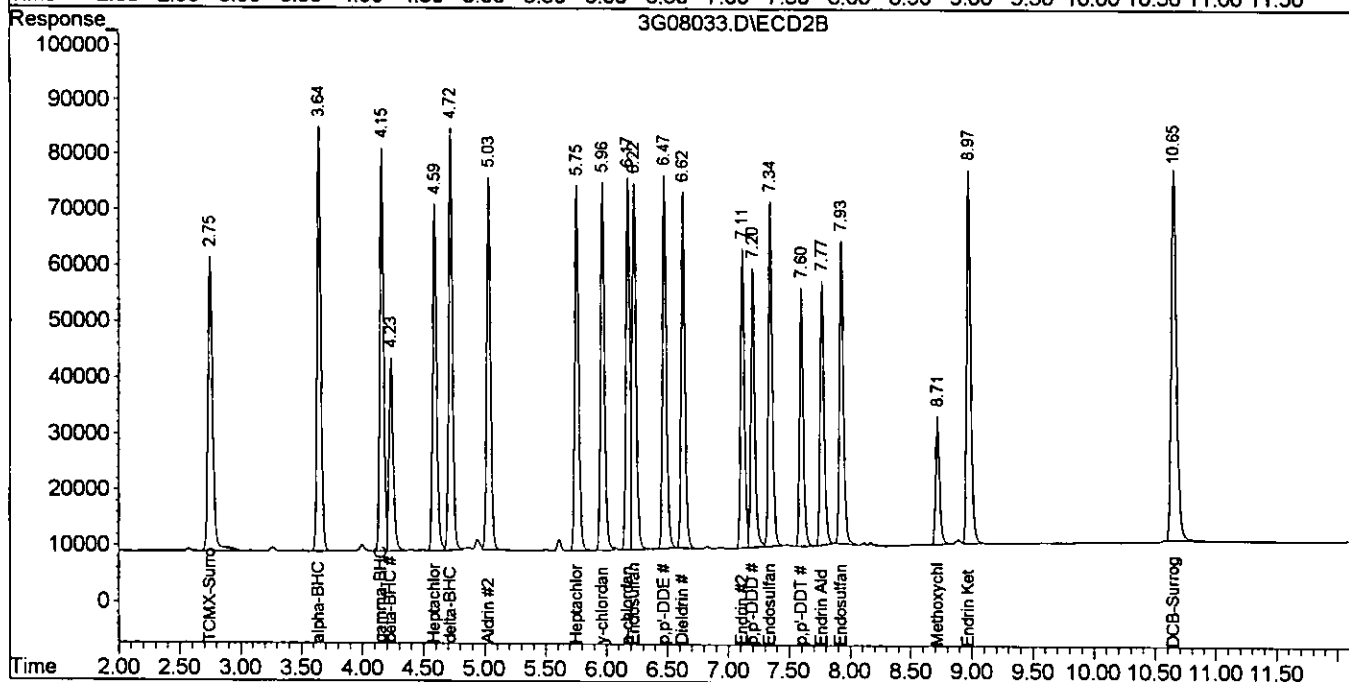
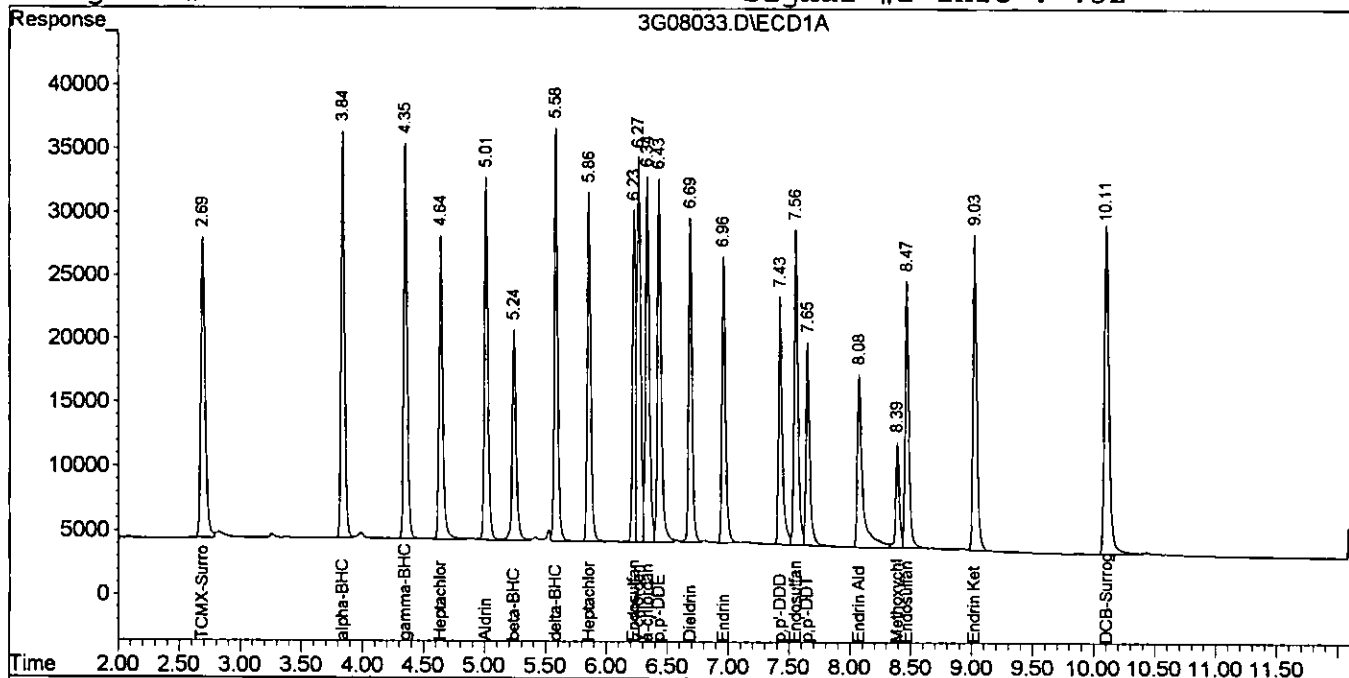
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08033.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08033.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:22 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 7:47 2005 Quant Results File: 3G_P0711.RES

001305

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08032.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08032.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:05 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 7:21 2005 Quant Results File: 3G_P0711.RES

001300

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.75	1134433	2678868	187.350	192.212
2) alpha-BHC	3.84	3.64	1314683	3460169	193.066	191.560
3) gamma-BHC	4.35	4.15	1244563	3150766	193.060	199.636
4) beta-BHC	5.24	4.23	672651	1606651	198.877	179.642
5) Heptachlor	4.64	4.59	977531	2788547	163.113	165.771
6) delta-BHC	5.59	4.72	1226107	3337363	191.968	189.577
7) Aldrin	5.01	5.03	1188371	3017554	206.478	188.094
8) Heptachlor Epoxi	5.86	5.75	1114241	2915627	185.885	193.801
9) y-chlordane	6.27	5.96	1349385	2972303	190.171	189.145
10) a-chlordane	6.34	6.17	1213263	2688567	181.999	189.981
11) Endosulfan I	6.23	6.22	886838	3193707	182.164	199.984
12) p,p'-DDE	6.43	6.47	1234356	2976328	218.620	205.586
13) Dieldrin	6.69	6.63	1009627	2863025	182.836	198.365
14) Endrin	6.96	7.11	932663	2330039	200.543	198.444
15) p,p'-DDD	7.43	7.20	808576	2310965	173.332	205.383
16) Endosulfan II	7.56	7.34	1077641	2794114	188.775	195.370
17) p,p'-DDT	7.66	7.60	721945	2076751	195.104	172.836
18) Endrin Aldehyde	8.08	7.77	802513	2102322	178.360	176.884
19) Endosulfan Sulfa	8.47	7.93	869250	2452263	179.876	191.763
20) Methoxychlor	8.39	8.72	313645	986369	140.749	154.155
21) Endrin Ketone	9.03	8.97	1042541	3032250	182.870	186.058
22) DCB-Surrogate	10.11	10.65	1348779	3773382	175.922	187.516
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

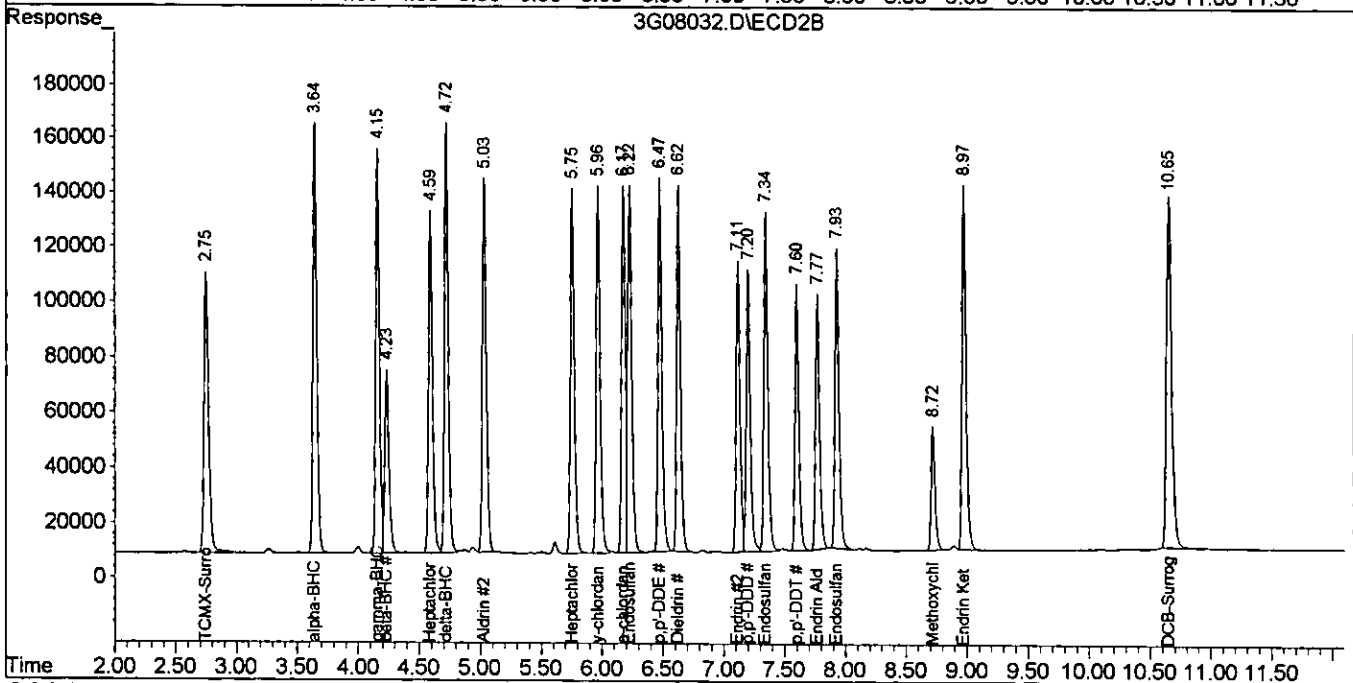
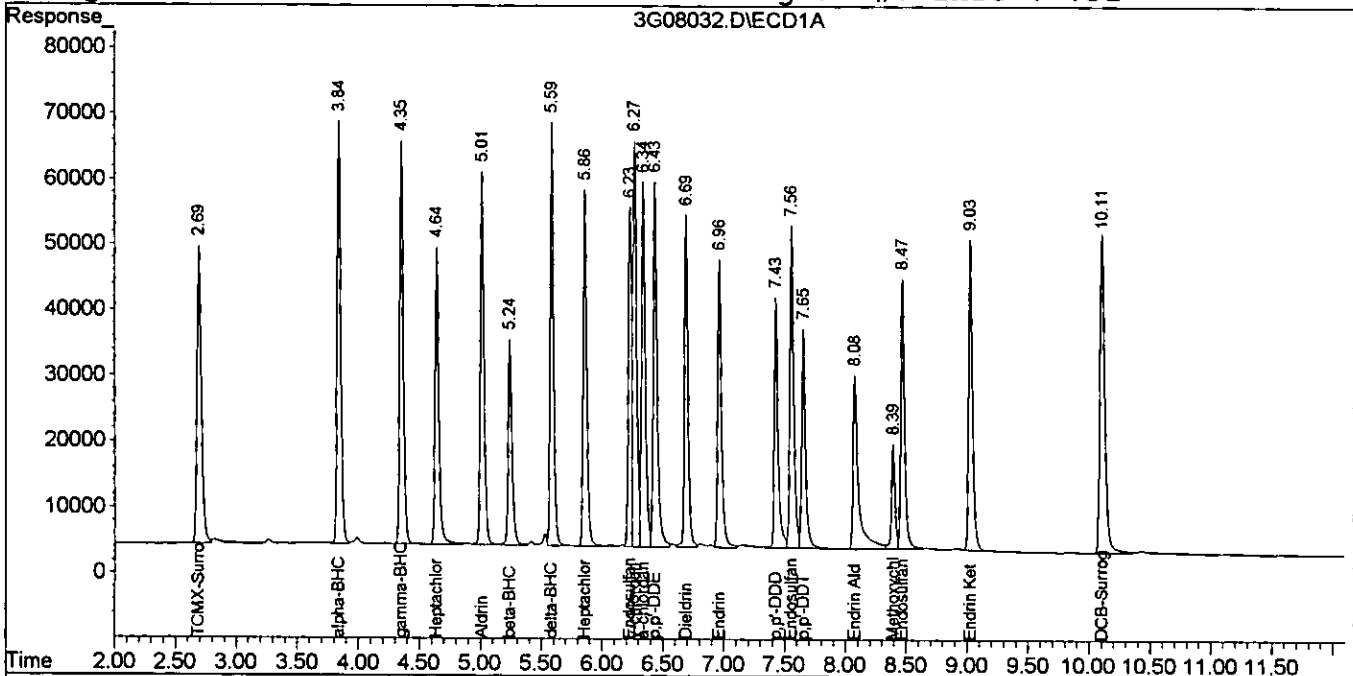
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08032.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08032.D\ECD2B.CH
 Acq On : 11 Jul 2005 7:05 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 7:21 2005 Quant Results File: 3G_P0711.RES

108100

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3g08031.d\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3g08031.d\ECD2B.CH
 Acq On : 11 Jul 2005 6:49 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:13 2005 Quant Results File: 3G_P0711.RES

001808

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.70	2.75	2102028	5033760	347.148	361.178
2) alpha-BHC	3.84	3.64	2536708	6881323	370.228	378.339
3) gamma-BHC	4.35	4.15	2359943	6181992	366.097	391.699
4) beta-BHC	5.25	4.23	1223250	3039282	370.250	339.827
5) Heptachlor	4.65	4.58	1770176	5426150	298.097	322.570
6) delta-BHC	5.59	4.71	2326321	6623990	364.226	374.441
7) Aldrin	5.02	5.03	2300650	6072070	399.735	378.491
8) Heptachlor Epoxi	5.86	5.75	2132973	5732123	355.836	381.013
9) y-chlordane	6.27	5.96	2598469	5857153	366.207	372.724
10) a-chlordane	6.34	6.17	2321568	5196800	348.254	367.219
11) Endosulfan I	6.23	6.22	1631515	6314414	335.127	395.397
12) p,p'-DDE	6.44	6.47	2329955	5909481	412.664	408.190
13) Dieldrin	6.69	6.62	1870477	5692981	338.730	394.439
14) Endrin	6.97	7.11	1694773	4500013	364.413	383.255
15) p,p'-DDD	7.43	7.20	1437426	4521519	308.136	401.843 #
16) Endosulfan II	7.56	7.34	2033158	5404128	356.158	377.867
17) p,p'-DDT	7.66	7.60	1413736	4185287	376.506	345.601
18) Endrin Aldehyde	8.08	7.77	1521766	4049803	338.215	340.740
19) Endosulfan Sulfa	8.47	7.93	1649036	4838301	341.240	378.347
20) Methoxychlor	8.40	8.72	563865	1861380	252.750	290.906
21) Endrin Ketone	9.03	8.97	1892968	5797545	332.042	355.735
22) DCB-Surrogate	10.11	10.65	2530510	7317569	330.056	363.643m
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

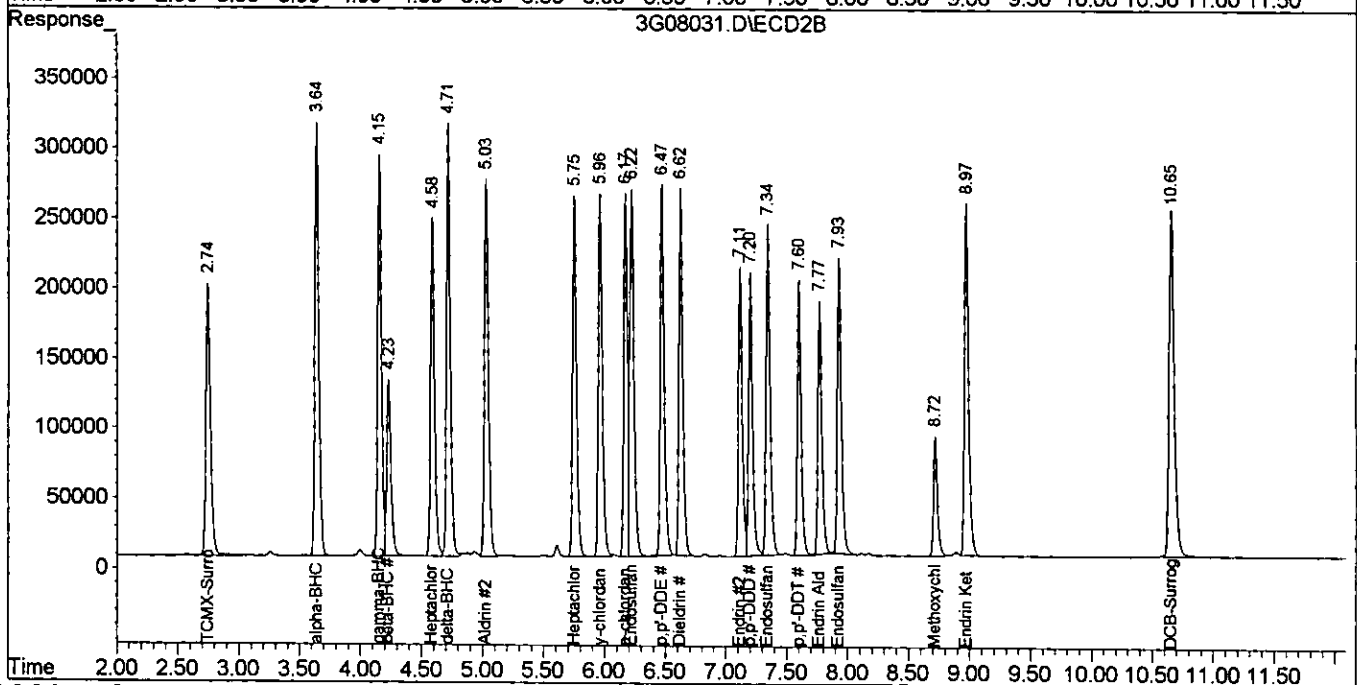
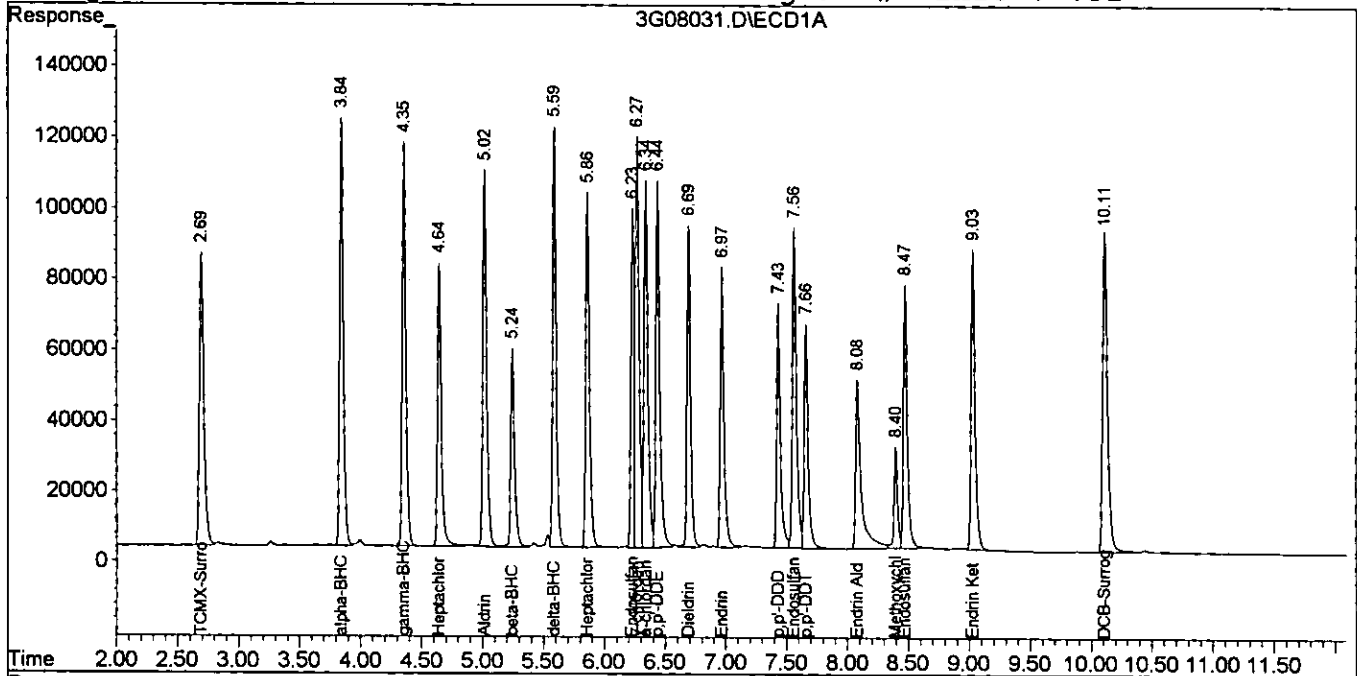
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3g08031.d\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3g08031.d\ECD2B.CH
 Acq On : 11 Jul 2005 6:49 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 9:13 2005 Quant Results File: 3G_P0711.RES

601309

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Tue Jul 05 11:15:38 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08037.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08037.D\ECD2B.CH
 Acq On : 11 Jul 2005 8:27 Operator: JK
 Sample : CAL CHLOR@100PPB Inst : GC_3
 Misc : A, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 8:47 2005 Quant Results File: 3G_P0711.RES

001310

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 08:45:05 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.74	576455	1351152	90.510	86.311
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	10.11	10.65	712723	2031349	96.488	97.004
23) Chlordane {1}	4.64	4.58	31014	89077	95.677m	99.117m
24) Chlordane {2}	6.27	5.96	62814	321911	100.000	135.324m#
25) Chlordane {3}	6.34	6.17	109520	135668	100.000	100.000
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

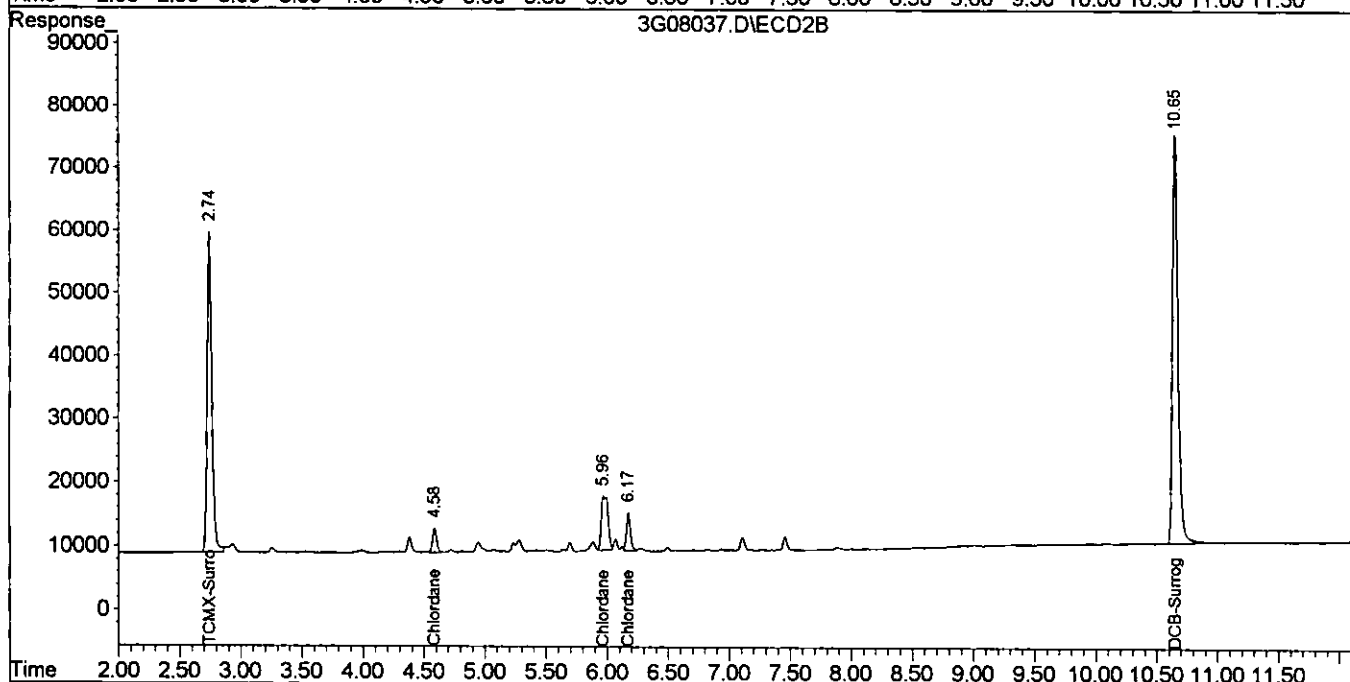
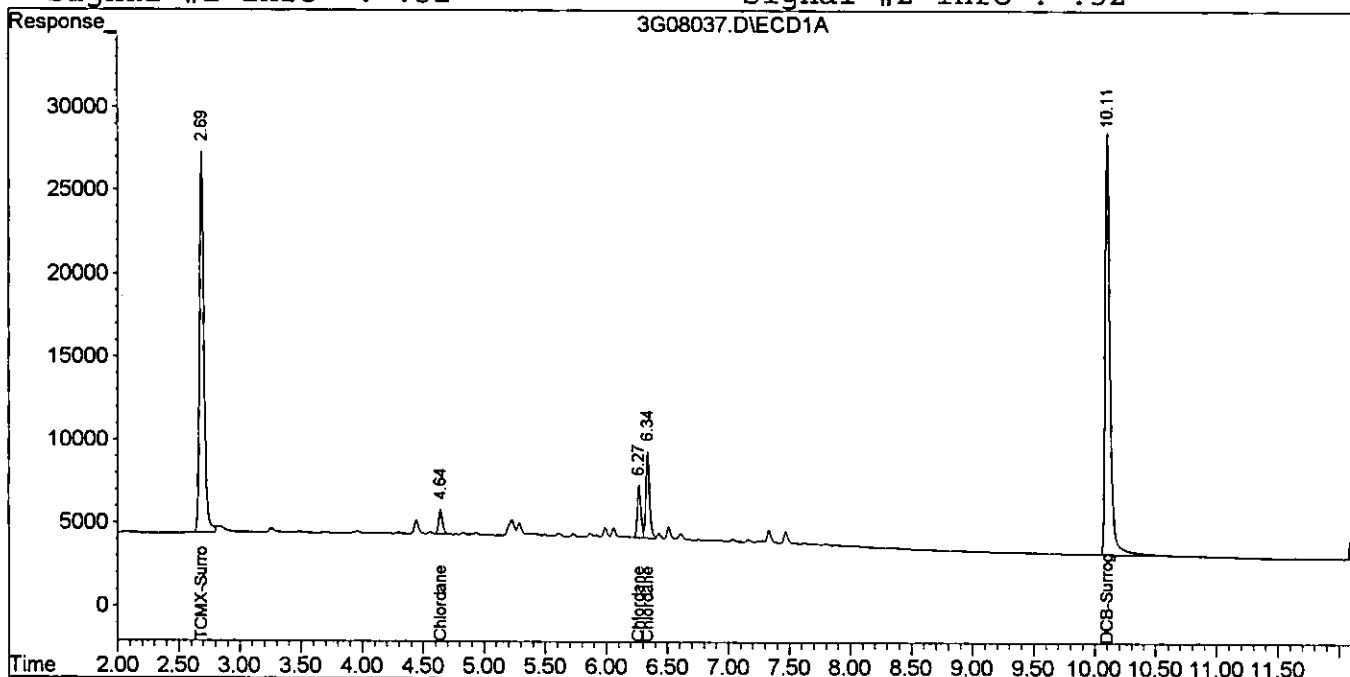
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08037.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08037.D\ECD2B.CH
Acq On : 11 Jul 2005 8:27 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_3
Misc : A, PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 11 8:47 2005 Quant Results File: 3G_P0711.RES

001311

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Mon Jul 11 08:45:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08038.D\ECD1A.CH Vial: 10
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08038.D\ECD2B.CH
 Acq On : 11 Jul 2005 8:44 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 11 8:59 2005 Quant Results File: 3G_P0711.RES

001312

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 08:58:55 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.74	291622	695046	51.653	50.106
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	10.11	10.65	355294	1034477	54.226	55.672
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	7.16	6.76	43887	87435	500.000	500.000
27) Toxaphene {2}	7.41	7.14	27828	145659	500.000	500.000
28) Toxaphene {3}	7.68	7.65	29517	77636	500.000	500.000
29) Toxaphene {4}	8.03	8.45	27097	88767	500.000	500.000
30) Toxaphene {5}	8.51	8.52	24264	66573	500.000	500.000

08/10/05

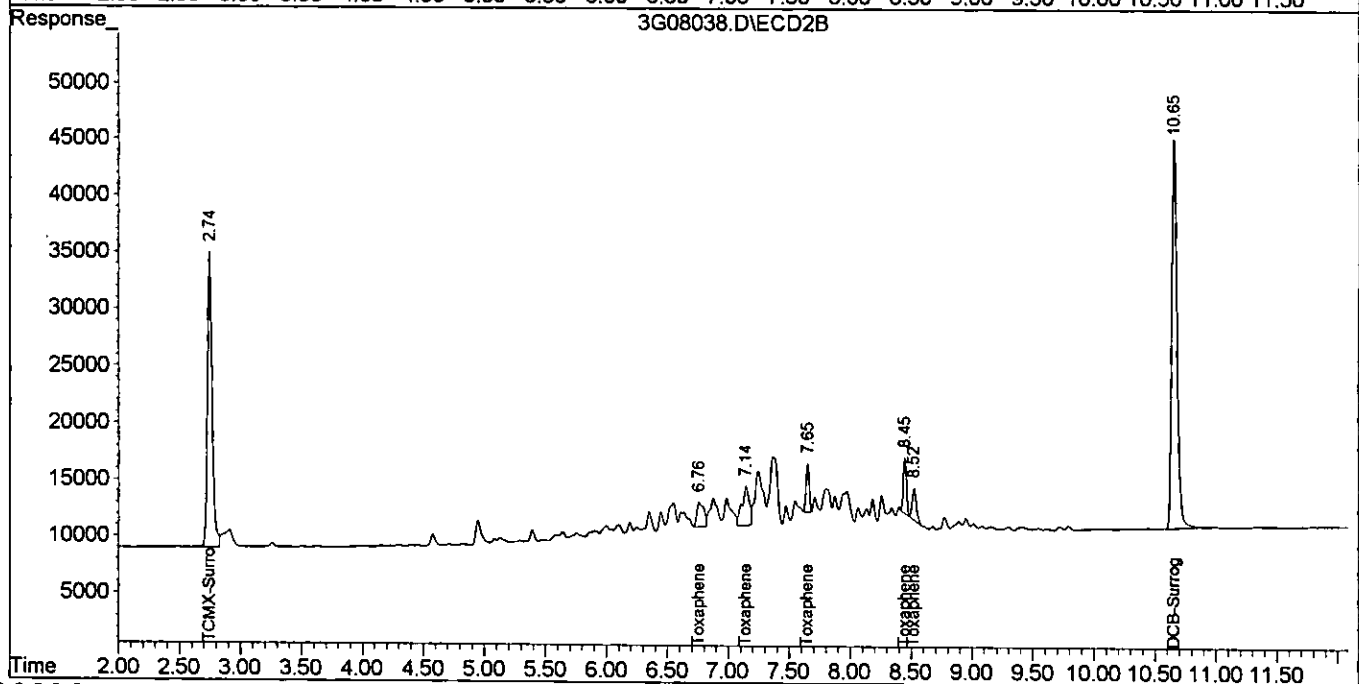
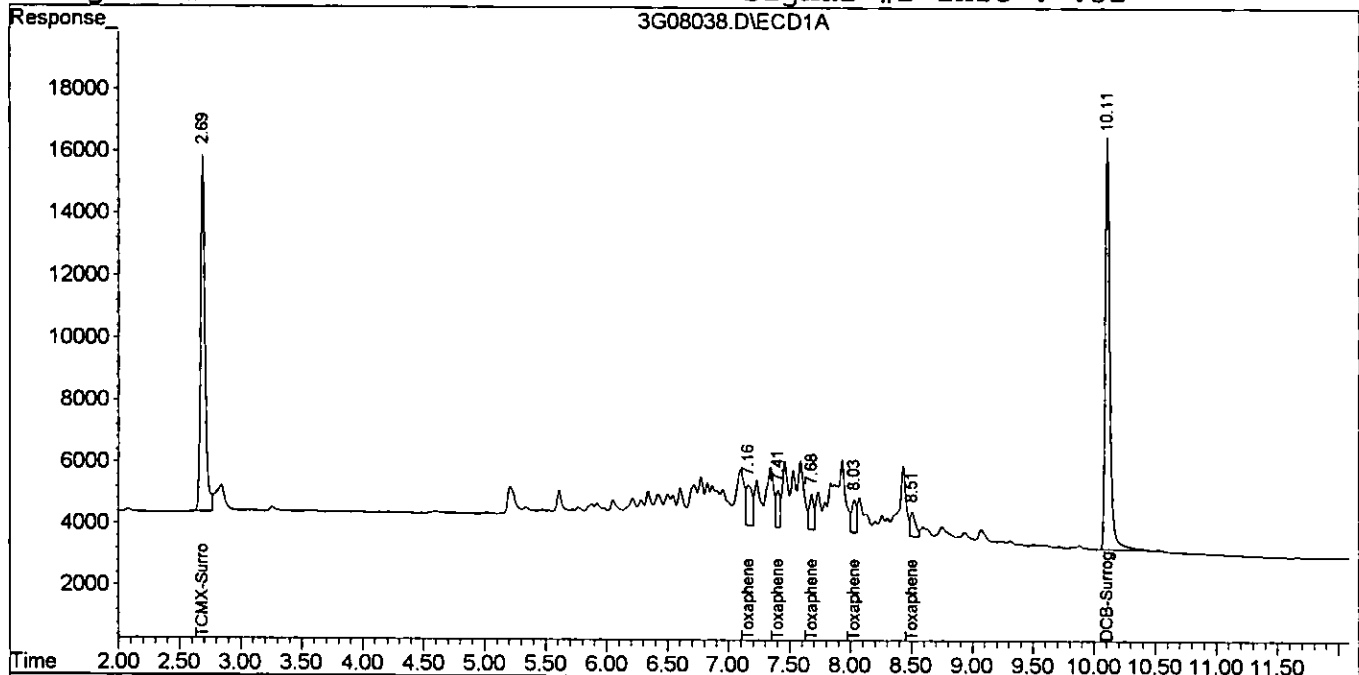
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08038.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_3\Data\07-11-05\3G08038.D\ECD2B.CH
Acq On : 11 Jul 2005 8:44 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 11 8:59 2005 Quant Results File: 3G_P0711.RES

001916

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Mon Jul 11 08:58:55 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G03376.D	CAL PEST@2PPB	07/29/05 07:44	2	5G03377.D	CAL PEST@10PPB	07/29/05 08:02
3	5G03378.D	CAL PEST@50PPB	07/29/05 08:47	4	5G03379.D	CAL PEST@100PPB	07/29/05 09:06
5	5G03380.D	CAL PEST@200PPB	07/29/05 09:25	6	5G03381.D	CAL PEST@400PPB	07/29/05 09:44
7	5G03382.D	CAL CHLOR@100PP	07/29/05 10:02	8	5G03383.D	CAL TOXAPH@500P	07/29/05 10:21

Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations						
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7
TCMX-Surrogate	1	0	Avg	550.74	585.85	706.83	637.85	630.39	601.75	---	---	619	6.72	0.999	1.00	8.6	2.00	10.00	50.00	100.0	200.0	400.0	
alpha-BHC	1	0	Avg	656.02	613.10	719.38	694.36	701.97	676.49	---	---	677	8.01	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0	
gamma-BHC	1	0	Avg	534.75	574.97	625.40	571.30	569.49	547.44	---	---	571	8.54	0.999	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0	
beta-BHC	1	0	Avg	266.25	273.47	288.38	257.16	253.81	243.16	---	---	264	9.43	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0	
Heptachlor	1	0	Avg	483.90	504.34	536.92	477.43	463.11	433.64	---	---	483	8.81	0.998	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0	
delta-BHC	1	0	Avg	480.04	502.44	565.14	516.26	517.61	501.63	---	---	514	9.76	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0	
Aldrin	1	0	Avg	507.69	561.74	648.89	594.27	593.23	571.88	---	---	580	9.17	0.999	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0	
Heptachlor Epoxide	1	0	Avg	490.84	481.77	508.47	456.21	446.41	422.89	---	---	468	9.99	0.999	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0	
y-chlordane	1	0	Avg	496.60	521.63	573.28	524.39	525.05	507.97	---	---	525	10.38	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0	
a-chlordane	1	0	Avg	549.51	525.21	573.27	522.82	520.94	502.44	---	---	532	10.44	0.999	1.00	4.7	2.00	10.00	50.00	100.0	200.0	400.0	
Endosulfan I	1	0	Avg	437.32	478.39	482.33	435.94	430.37	411.34	---	---	446	10.34	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0	
p,p'-DDE	1	0	Avg	637.23	527.47	613.16	561.83	563.74	545.95	---	---	575	10.51	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0	
Dieldrin	1	0	Avg	436.32	485.87	454.73	406.91	398.52	376.34	---	---	426	10.77	0.999	1.00	9.4	2.00	10.00	50.00	100.0	200.0	400.0	
Endrin	1	0	Avg	330.79	345.86	368.09	312.34	303.58	298.23	---	---	326	11.01	0.999	0.999	8.3	2.00	10.00	50.00	100.0	200.0	400.0	
p,p'-DDD	1	0	Avg	344.14	352.67	405.65	351.81	340.55	327.04	---	---	354	11.43	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0	
Endosulfan II	1	0	Avg	422.68	440.27	431.56	390.46	384.65	370.45	---	---	407	11.56	0.999	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0	
p,p'-DDT	1	0	Avg	335.25	247.88	320.43	309.18	323.37	330.94	---	---	311	11.62	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0	
Endrin Aldehyde	1	0	Avg	252.30	220.61	280.01	251.65	242.35	228.07	---	---	246	12.04	0.998	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0	
Endosulfan Sulfate	1	0	Avg	431.70	417.94	402.90	366.10	359.87	346.71	---	---	388	12.39	0.999	1.00	8.9	2.00	10.00	50.00	100.0	200.0	400.0	
Methoxychlor	1	0	Avg	138.88	133.97	159.24	148.50	148.09	146.84	---	---	146	12.27	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0	
Endrin Ketone	1	0	Avg	355.82	351.39	371.15	324.71	321.85	306.57	---	---	339	12.91	0.999	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0	
DCB-Surrogate	1	0	Avg	545.27	618.72	681.06	605.90	606.36	589.11	---	---	608	13.91	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0	
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	27.8	8.81	-1	-1	Lvl=7	100.0						
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	61.0	10.38	-1	-1	Lvl=7	100.0						
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	89.5	10.44	-1	-1	Lvl=7	100.0						
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	2.91	10.46	-1	-1	Lvl=8	500.0						
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	7.13	11.48	-1	-1	Lvl=8	500.0						
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	8.95	11.60	-1	-1	Lvl=8	500.0						
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	5.84	11.90	-1	-1	Lvl=8	500.0						
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	7.23	12.34	-1	-1	Lvl=8	500.0						
TCMX-Surrogate	2	0	Avg	591.03	616.13	742.56	664.69	648.76	609.17	---	---	645	6.62	0.998	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0	
alpha-BHC	2	0	Avg	688.73	769.92	907.04	842.71	839.64	798.84	---	---	808	7.63	0.999	1.00	9.2	2.00	10.00	50.00	100.0	200.0	400.0	
gamma-BHC	2	0	Avg	587.61	651.24	754.64	688.90	688.39	658.53	---	---	672	8.17	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0	
beta-BHC	2	0	Avg	307.11	315.54	334.44	299.13	294.08	277.23	---	---	305	8.25	0.999	1.00	6.4	2.00	10.00	50.00	100.0	200.0	400.0	
Heptachlor	2	0	Avg	435.78	468.56	525.73	474.41	471.78	450.10	---	---	471	8.61	0.999	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0	
delta-BHC	2	0	Avg	592.49	637.18	744.97	686.88	689.43	664.71	---	---	669	8.74	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0	

Avg Rsd Col 1: 7.16

Avg Rsd Col 2: 6.95

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte >0=multi peak analyte (i.e. ncb/chlordane etc.)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

478100

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G03376.D	CAL PEST@2PPB	07/29/05 07:44	2	5G03377.D	CAL PEST@10PPB	07/29/05 08:02
3	5G03378.D	CAL PEST@50PPB	07/29/05 08:47	4	5G03379.D	CAL PEST@100PPB	07/29/05 09:06
5	5G03380.D	CAL PEST@200PPB	07/29/05 09:25	6	5G03381.D	CAL PEST@400PPB	07/29/05 09:44
7	5G03382.D	CAL CHLOR@100PP	07/29/05 10:02	8	5G03383.D	CAL TOXAPH@500P	07/29/05 10:21

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations							
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	509.99	561.11	663.97	607.93	606.57	579.28	---	---	588	9.05	0.999	1.00	8.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	477.13	472.82	531.90	486.69	491.41	472.97	---	---	489	9.75	0.999	1.00	4.6	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	467.38	522.65	590.83	538.30	537.22	516.74	---	---	529	9.95	0.999	1.00	7.5	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	459.28	519.45	576.67	521.81	520.04	499.52	---	---	516	10.14	0.999	1.00	7.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	411.74	471.50	536.71	486.86	487.29	469.37	---	---	477	10.20	0.999	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	448.28	501.38	573.84	527.76	528.37	509.32	---	---	515	10.41	0.999	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	365.61	374.62	413.26	378.98	382.91	371.76	---	---	381	10.57	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	298.65	238.97	299.42	265.91	267.50	270.29	---	---	273	11.02	1.00	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	299.74	287.79	324.53	293.69	294.30	284.93	---	---	298	11.08	1.00	1.00	4.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	419.01	400.43	450.14	416.61	421.15	411.41	---	---	420	11.22	1.00	1.00	4.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Avg	281.33	300.03	361.00	342.24	355.87	355.43	---	---	333	11.44	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Avg	280.69	267.23	297.41	280.73	286.34	278.31	---	---	282	11.60	1.00	1.00	3.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	336.51	339.89	371.43	347.19	355.24	353.87	---	---	351	11.74	1.00	1.00	3.6	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	117.60	108.11	135.89	137.81	126.47	124.66	---	---	125	12.43	0.999	1.00	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	368.85	389.31	421.32	389.31	395.77	385.86	---	---	392	12.70	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Avg	672.39	528.59	622.71	559.04	557.62	539.32	---	---	580	14.32	0.999	1.00	9.6	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	27.7	8.61	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	115	9.95	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	45.4	10.15	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	3.35	10.69	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	7.32	11.24	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	5.53	11.50	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	5.66	12.22	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	5.30	12.28	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 7.16

Avg Rsd Col 2: 6.95

Flags
c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte.>0=multi peak analyte (i.e. ncb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear F.o.
Corr 2 = Correlation Coefficient for quad F.o.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

918100

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03376.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03376.D\ECD2B.CH
 Acq On : 7-29-05 7:44:38 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 10:01 2005 Quant Results File: 5G_P0729.RES

001316

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Tue Jun 28 08:50:53 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	6.72	6.62	11014948	11820651	1.671	1.932
2) alpha-BHC	8.02	7.63	13120599	13774780	2.050	1.903m
3) gamma-BHC	8.55	8.17	10695014	11752301	1.889	1.882
4) beta-BHC	9.44	8.25	5325007	6142217	1.920m	2.024
5) Heptachlor	8.82	8.61	9678091	8715792	1.935	1.707
6) delta-BHC	9.76	8.74	9600991	11849984	4.177m	2.568 #
7) Aldrin	9.18	9.05	10153840	10199806	1.702	1.656
8) Heptachlor Epoxi	10.00	9.75	9816895	9542704	1.984	1.801
9) y-chlordane	10.38	9.95	9932101	9347720	1.826	1.637
10) a-chlordane	10.44	10.14	10990354	9185710	2.054	1.608m
11) Endosulfan I	10.34	10.20	8746513	8234946	1.843	1.567m
12) p,p'-DDE	10.52	10.41	12744708	8965768	2.274	1.580m#
13) Dieldrin	10.77	10.57	8726472	7312325	2.062	1.667m
14) Endrin	11.02	11.02	6615839	5973158	1.896m	1.767m
15) p,p'-DDD	11.43	11.08	6882855	5994994	1.961m	1.799
16) Endosulfan II	11.56	11.23	8453744	8380286	2.040	1.866
17) p,p'-DDT	11.63	11.44	6705164	5626738	7.326m	1.397m#
18) Endrin Aldehyde	12.04	11.61	5046149	5613989	2.393m	N.D. m#
19) Endosulfan Sulfa	12.39	11.74	8634114	6730371	8.667m	5.800m#
20) Methoxychlor	12.28	12.43	2777691	2352060	1.856m	1.504m
21) Endrin Ketone	12.92	12.71	7116426	7377044	9.770m	8.342m
22) DCB-Surrogate	13.92	14.32	10905549	13447867	1.768	2.227 #
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

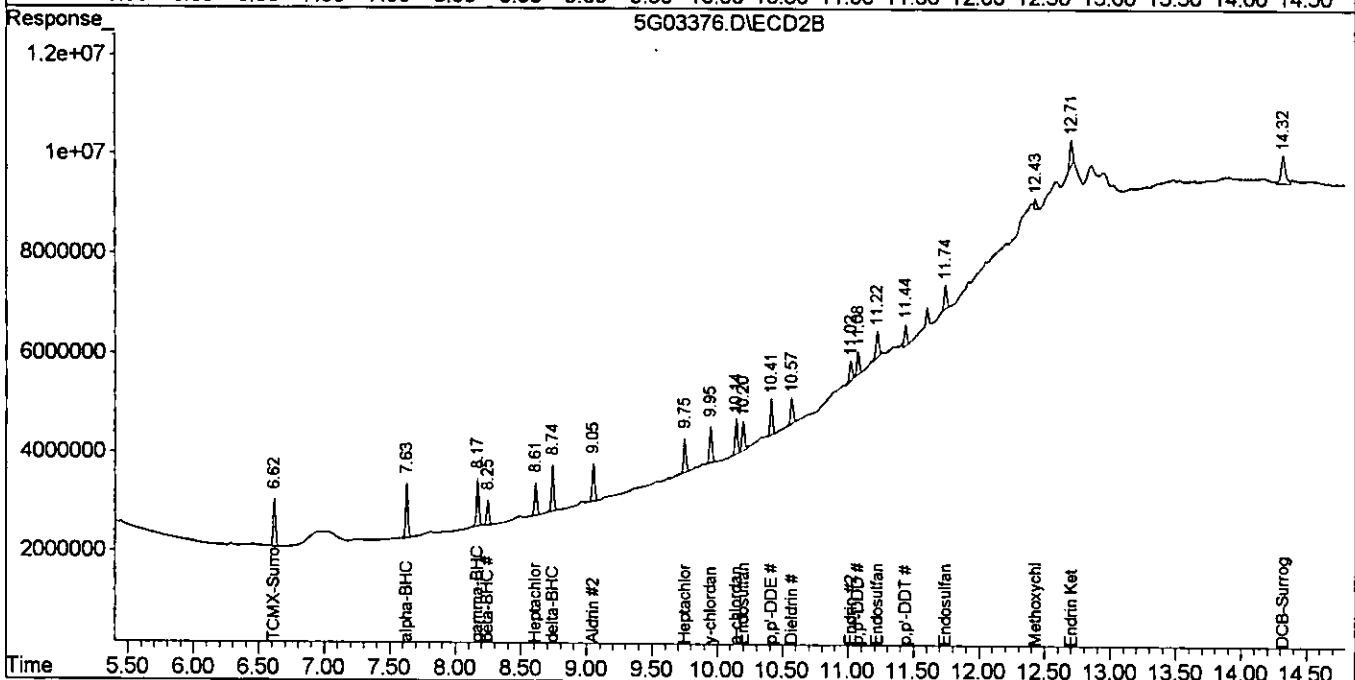
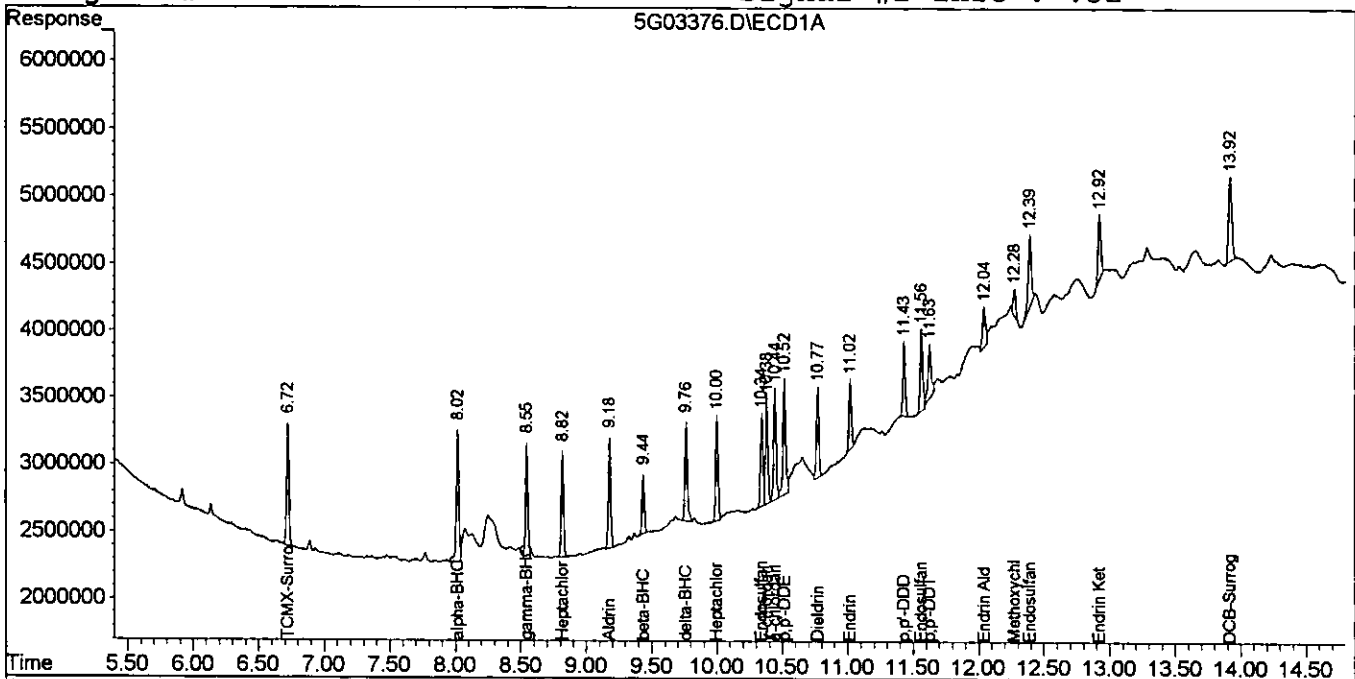
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03376.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03376.D\ECD2B.CH
Acq On : 7-29-05 7:44:38 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 10:01 2005 Quant Results File: 5G_P0729.RES

1100

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Tue Jun 28 08:50:53 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03377.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03377.D\ECD2B.CH
 Acq On : 7-29-05 8:02:23 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:59 2005 Quant Results File: 5G_P0729.RES

001318

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Tue Jun 28 08:50:53 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	58585875	61613712	8.889	10.070
2) alpha-BHC	8.02	7.63	61310291	76992778	9.581	10.635m
3) gamma-BHC	8.54	8.17	57497636	65124270	10.153	10.430
4) beta-BHC	9.43	8.25	27347785	31554838	9.861m	10.396
5) Heptachlor	8.81	8.61	50434393	46856249	10.083	9.178
6) delta-BHC	9.76	8.74	50244723	63718450	12.074	10.886
7) Aldrin	9.18	9.05	56174331	56111265	9.414	9.112
8) Heptachlor Epoxi	10.00	9.75	48177930	47282225	9.736	8.926
9) y-chlordane	10.38	9.95	52163787	52265073	9.590	9.151
10) a-chlordane	10.44	10.15	52521798	51945936	9.816	9.094
11) Endosulfan I	10.34	10.20	47839674	47150219	10.083	8.974
12) p,p'-DDE	10.51	10.41	52747929	50138628	9.410	8.835
13) Dieldrin	10.77	10.57	48587754	37462796	11.483	8.539 #
14) Endrin	11.02	11.02	34586496	23897729	9.913	7.070 #
15) p,p'-DDD	11.43	11.08	35267591	28779991	10.046m	8.635
16) Endosulfan II	11.56	11.23	44027801	40043112	10.626	8.914
17) p,p'-DDT	11.62	11.44	24788349	30003808	12.579m	7.448m#
18) Endrin Aldehyde	12.04	11.60	22061662	26723393	10.463m	5.615m#
19) Endosulfan Sulfa	12.39	11.75	41794361	33989409	17.321m	13.448
20) Methoxychlor	12.27	12.43	13397732	10811562	8.953m	6.915
21) Endrin Ketone	12.92	12.70	35139247	38931920	24.383	21.045
22) DCB-Surrogate	13.91	14.32	61872680	52859741	10.031	8.755m
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

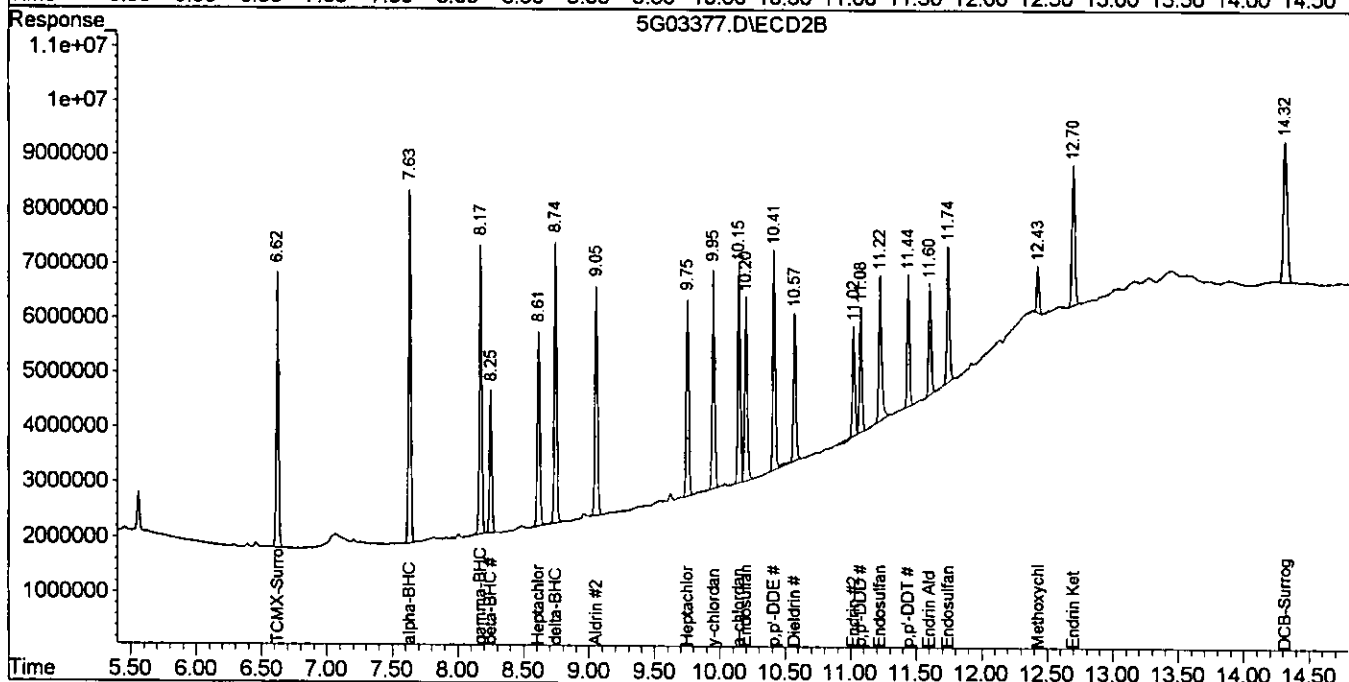
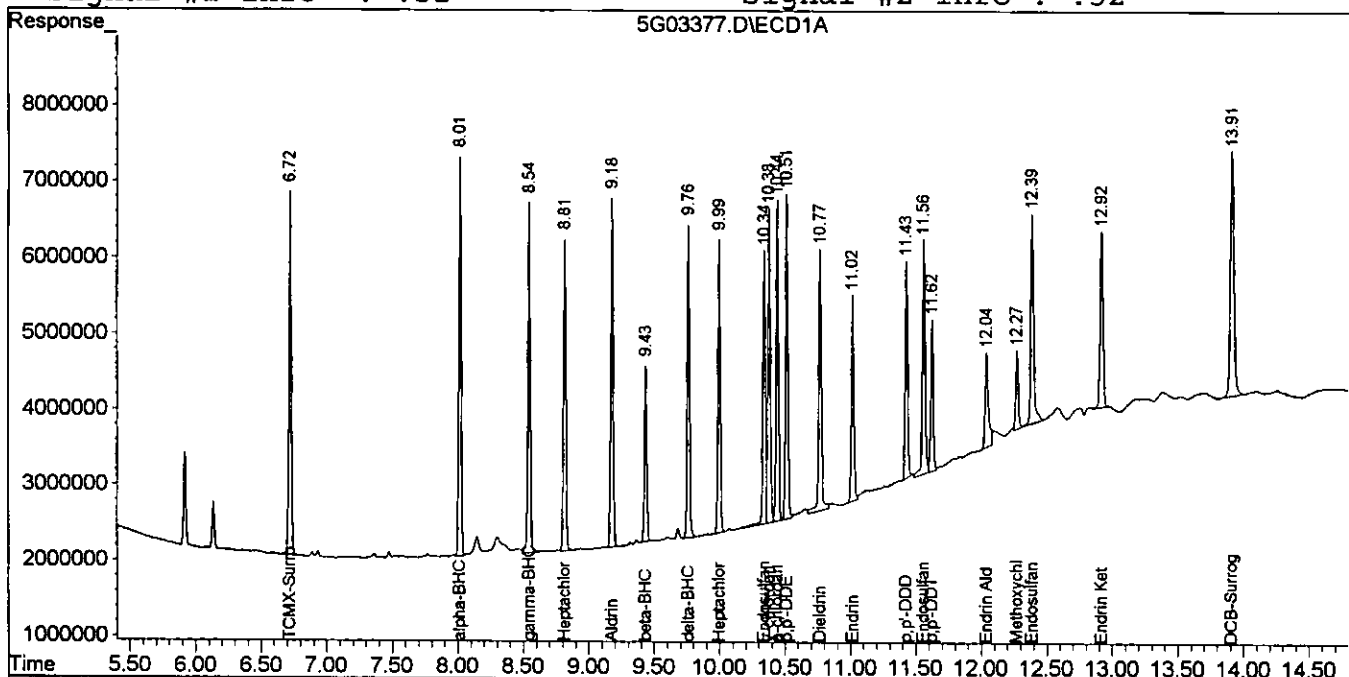
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03377.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03377.D\ECD2B.CH
 Acq On : 7-29-05 8:02:23 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:59 2005 Quant Results File: 5G_P0729.RES

001319

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Tue Jun 28 08:50:53 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD2B.CH
 Acq On : 7-29-05 8:47:29 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:05 2005 Quant Results File: 5G_P0729.RES

001920

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 08:24:07 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	6.72	6.62	353.4E6	371.3E6	53.624	60.684
2) alpha-BHC	8.01	7.63	359.7E6	453.5E6	56.208	62.648
3) gamma-BHC	8.54	8.17	312.7E6	377.3E6	55.218	60.431
4) beta-BHC	9.43	8.25	144.2E6	167.2E6	51.994	55.091
5) Heptachlor	8.81	8.61	268.5E6	262.9E6	53.672	51.491
6) delta-BHC	9.76	8.74	282.6E6	372.5E6	57.217	60.407
7) Aldrin	9.17	9.05	324.4E6	332.0E6	54.370	53.911
8) Heptachlor Epoxi	9.99	9.75	254.2E6	266.0E6	51.378	50.204
9) y-chlordane	10.38	9.95	286.6E6	295.4E6	52.698	51.722
10) a-chlordane	10.44	10.14	286.6E6	288.3E6	53.573	50.476
11) Endosulfan I	10.34	10.20	241.2E6	268.4E6	50.829	51.073
12) p,p'-DDE	10.51	10.41	306.6E6	286.9E6	54.693	50.559
13) Dieldrin	10.77	10.57	227.4E6	206.6E6	53.736	47.099
14) Endrin	11.01	11.02	184.0E6	149.7E6	52.750	44.294
15) p,p'-DDD	11.43	11.08	202.8E6	162.3E6	57.773	48.686
16) Endosulfan II	11.56	11.22	215.8E6	225.1E6	52.080	50.104
17) p,p'-DDT	11.62	11.44	160.2E6	180.5E6	51.921	44.804
18) Endrin Aldehyde	12.04	11.60	140.0E6	148.7E6	66.399	47.012 #
19) Endosulfan Sulfa	12.39	11.74	201.5E6	185.7E6	58.987	56.019
20) Methoxychlor	12.27	12.43	79623423	67948287	53.206	43.456
21) Endrin Ketone	12.92	12.70	185.6E6	210.7E6	98.195	87.603
22) DCB-Surrogate	13.91	14.32	340.5E6	311.4E6	55.209	51.570
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

28/10/05

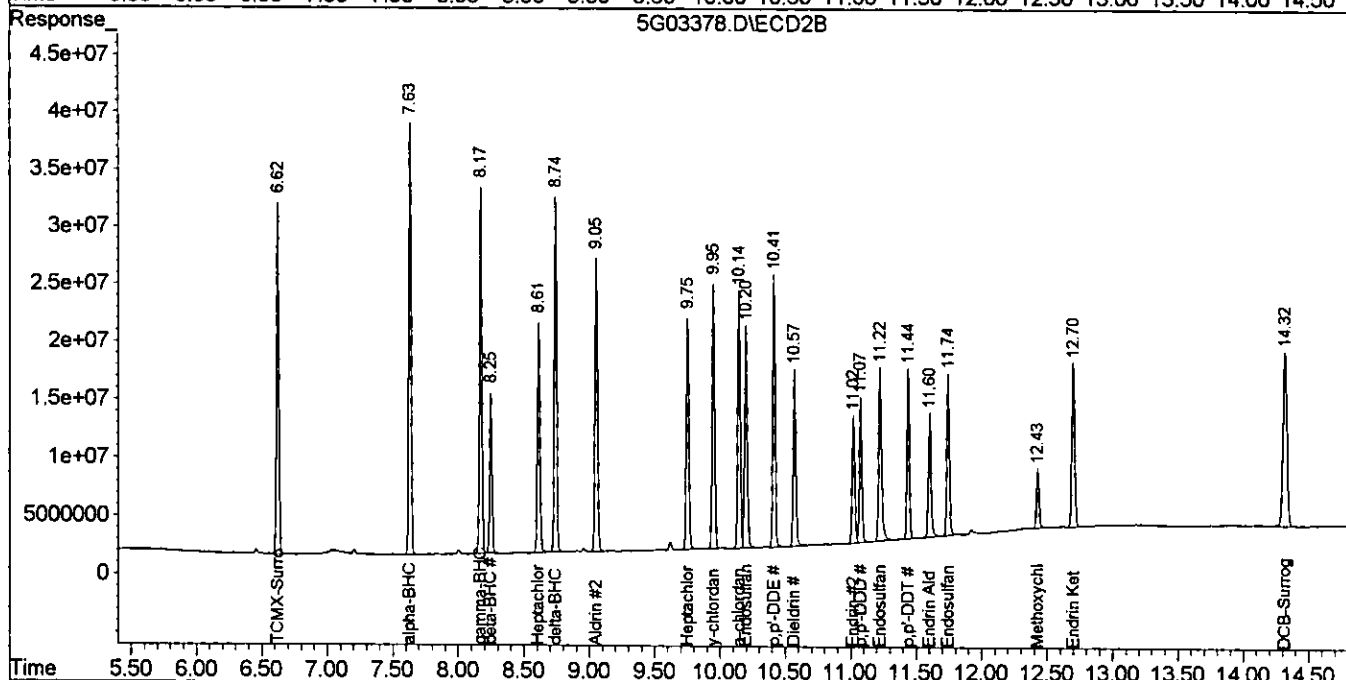
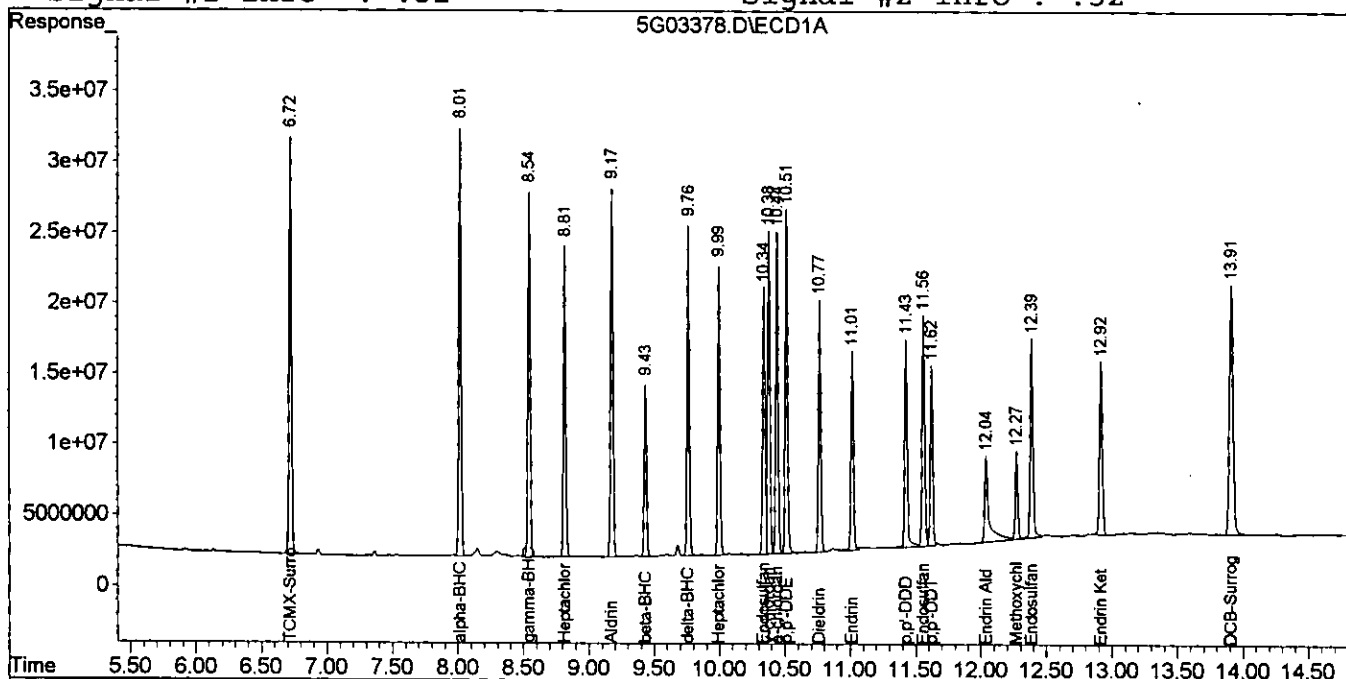
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD2B.CH
 Acq On : 7-29-05 8:47:29 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_5
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:05 2005 Quant Results File: 5G_P0729.RES

001921

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 08:24:07 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD2B.CH
 Acq On : 7-29-05 9:06:27 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:25 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:06:15 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	6.72	6.62	637.9E6	664.7E6	96.782	108.640
2) alpha-BHC	8.02	7.63	694.4E6	842.7E6	108.506	116.409
3) gamma-BHC	8.54	8.17	571.3E6	688.9E6	100.883	110.333
4) beta-BHC	9.43	8.25	257.2E6	299.1E6	92.731	98.551
5) Heptachlor	8.81	8.61	477.4E6	474.4E6	95.450	92.928
6) delta-BHC	9.76	8.74	516.3E6	686.9E6	102.624	110.830
7) Aldrin	9.18	9.05	594.3E6	607.9E6	99.588	98.721
8) Heptachlor Epoxi	10.00	9.75	456.2E6	486.7E6	92.196	91.874
9) y-chlordane	10.38	9.95	524.4E6	538.3E6	96.406	94.248
10) a-chlordane	10.44	10.15	522.8E6	521.8E6	97.717	91.348
11) Endosulfan I	10.34	10.20	435.9E6	486.9E6	91.880	92.660
12) p,p'-DDE	10.51	10.41	561.8E6	527.8E6	100.230	92.998
13) Dieldrin	10.77	10.57	406.9E6	379.0E6	96.169	86.385
14) Endrin	11.02	11.02	312.3E6	265.9E6	89.520	78.673
15) p,p'-DDD	11.43	11.08	351.8E6	293.7E6	100.209	88.118
16) Endosulfan II	11.56	11.23	390.5E6	416.6E6	94.240	92.743
17) p,p'-DDT	11.62	11.44	309.2E6	342.2E6	95.197	84.953
18) Endrin Aldehyde	12.04	11.60	251.7E6	280.7E6	119.350	91.818
19) Endosulfan Sulfa	12.39	11.75	366.1E6	347.2E6	101.956	101.324
20) Methoxychlor	12.27	12.43	148.5E6	137.8E6	99.232	88.140
21) Endrin Ketone	12.92	12.70	324.7E6	389.3E6	160.752	152.808
22) DCB-Surrogate	13.91	14.32	605.9E6	559.0E6	98.232	92.593
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

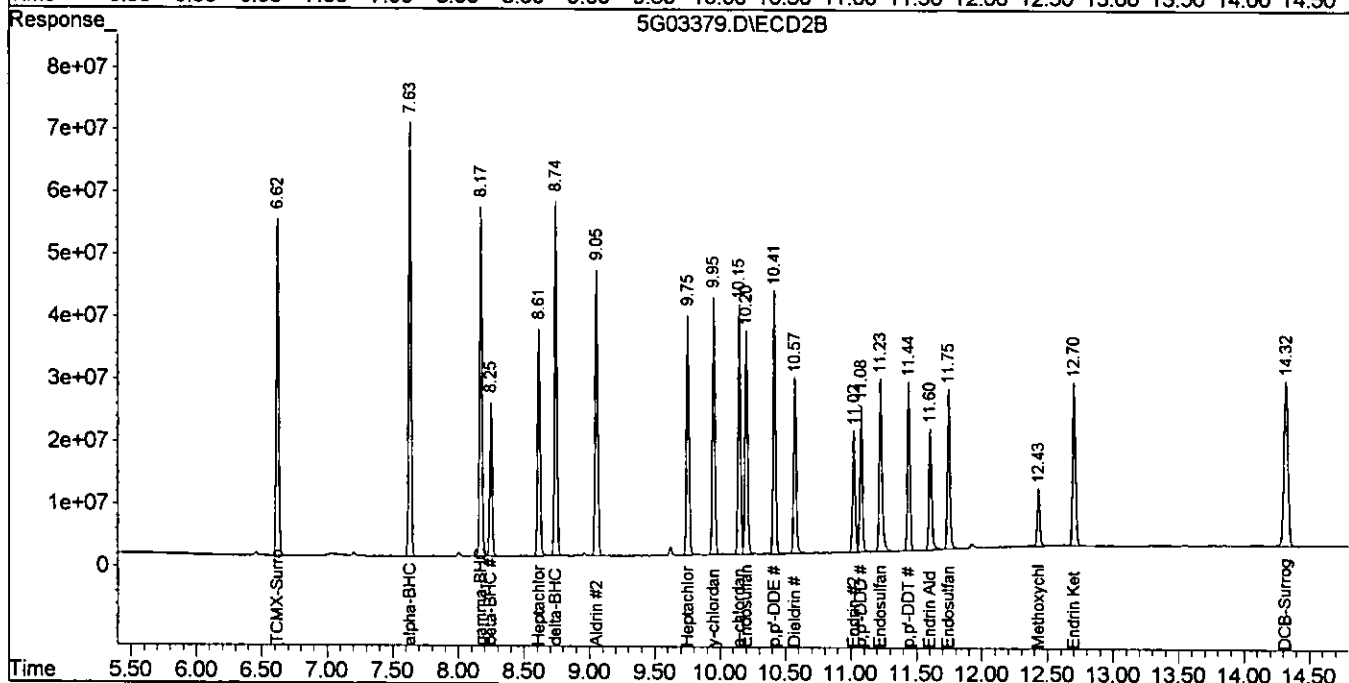
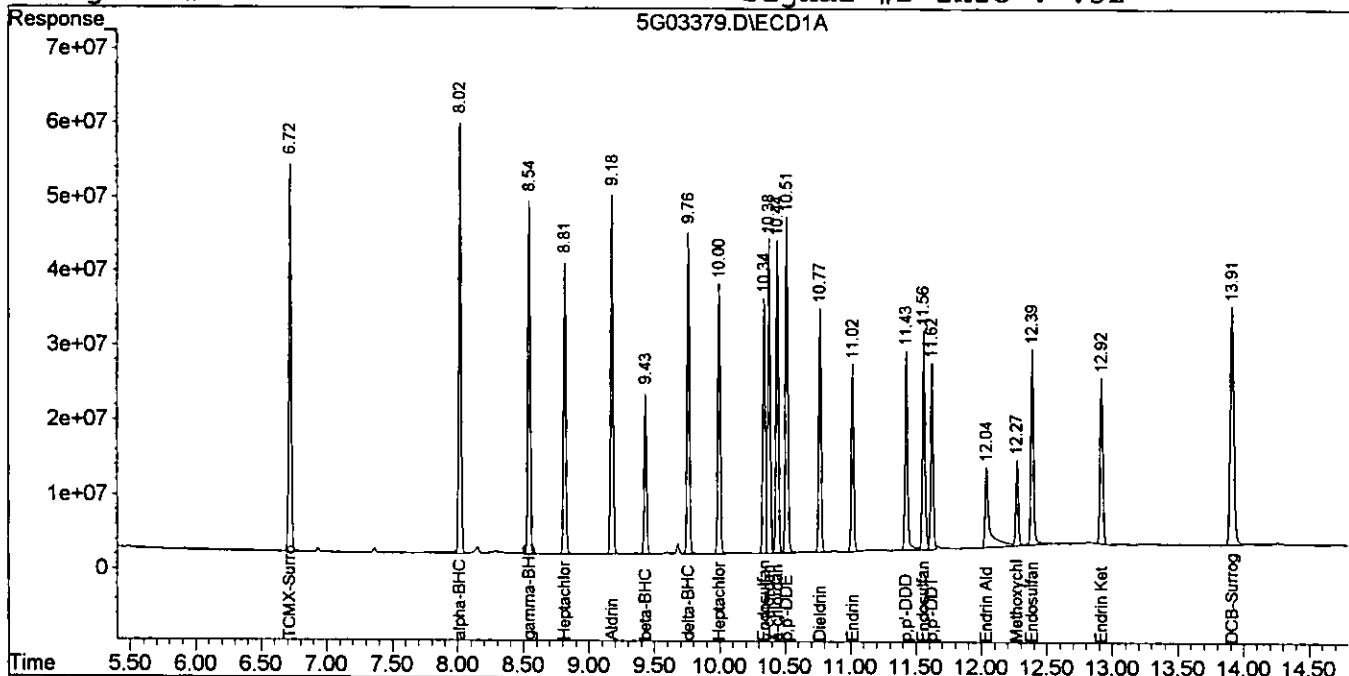
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD2B.CH
 Acq On : 7-29-05 9:06:27 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:25 2005 Quant Results File: 5G_P0729.RES

001325

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:06:15 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03380.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03380.D\ECD2B.CH
 Acq On : 7-29-05 9:25:14 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:44 2005 Quant Results File: 5G_P0729.RES

001324

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:27:51 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	1260.8E6	1297.5E6	202.590	198.812
2) alpha-BHC	8.01	7.63	1404.0E6	1679.3E6	207.387	208.857
3) gamma-BHC	8.54	8.17	1139.0E6	1376.8E6	198.022	204.224
4) beta-BHC	9.43	8.25	507.6E6	588.2E6	172.546	189.692
5) Heptachlor	8.81	8.61	926.2E6	943.6E6	187.822	198.538
6) delta-BHC	9.76	8.74	1035.2E6	1378.9E6	199.614	199.637
7) Aldrin	9.18	9.05	1186.5E6	1213.1E6	204.154	205.647
8) Heptachlor Epoxi	9.99	9.75	892.8E6	982.8E6	187.277	199.764
9) y-chlordane	10.38	9.95	1050.1E6	1074.4E6	198.812	202.237
10) a-chlordane	10.44	10.15	1041.9E6	1040.1E6	193.531	200.228
11) Endosulfan I	10.34	10.20	860.7E6	974.6E6	190.063	204.794
12) p,p'-DDE	10.51	10.41	1127.5E6	1056.7E6	194.164	204.822
13) Dieldrin	10.77	10.57	797.1E6	765.8E6	182.612	183.413
14) Endrin	11.02	11.02	607.2E6	535.0E6	182.809	195.188
15) p,p'-DDD	11.43	11.08	681.1E6	588.6E6	178.684	196.194
16) Endosulfan II	11.56	11.23	769.3E6	842.3E6	185.857	199.851
17) p,p'-DDT	11.62	11.44	646.8E6	711.8E6	201.178	221.808
18) Endrin Aldehyde	12.04	11.60	484.7E6	572.7E6	194.358	200.403
19) Endosulfan Sulfa	12.39	11.75	719.7E6	710.5E6	199.087	200.490
20) Methoxychlor	12.27	12.43	296.2E6	253.0E6	203.231	188.982
21) Endrin Ketone	12.92	12.70	643.7E6	791.6E6	200.533	200.319
22) DCB-Surrogate	13.91	14.32	1212.7E6	1115.3E6	198.331	189.645
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

ae/10/0

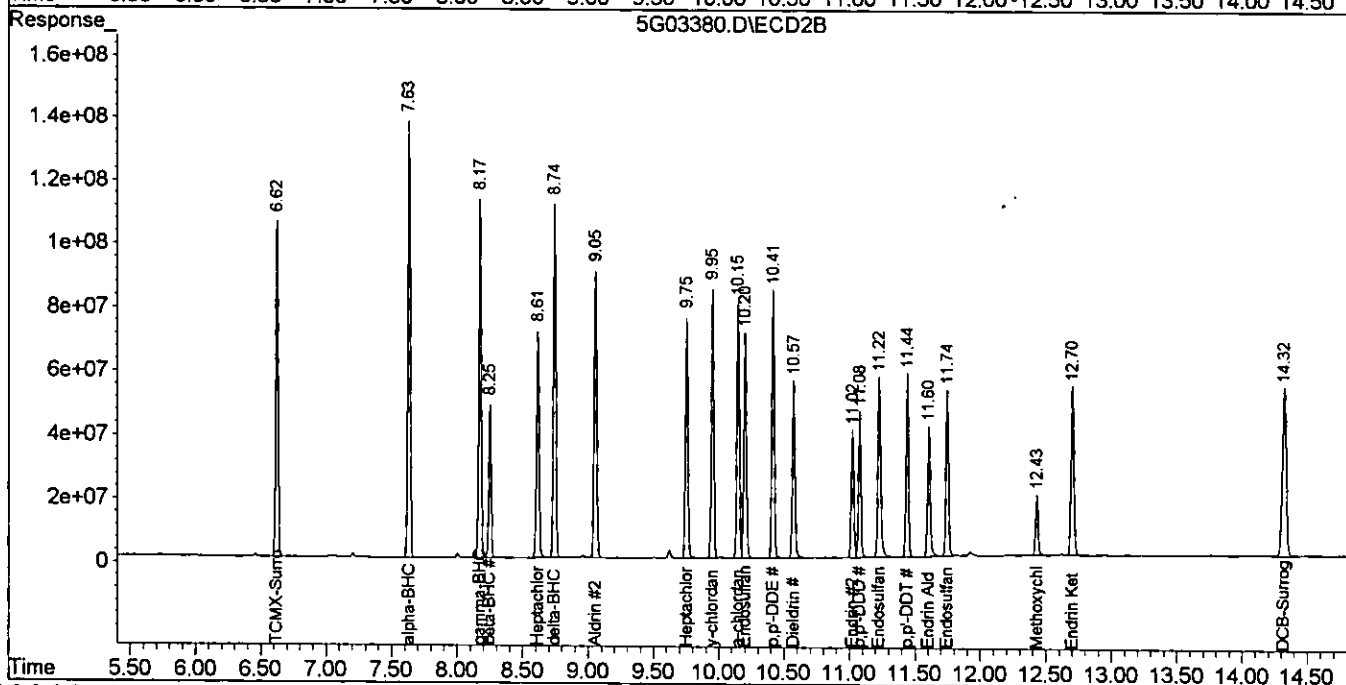
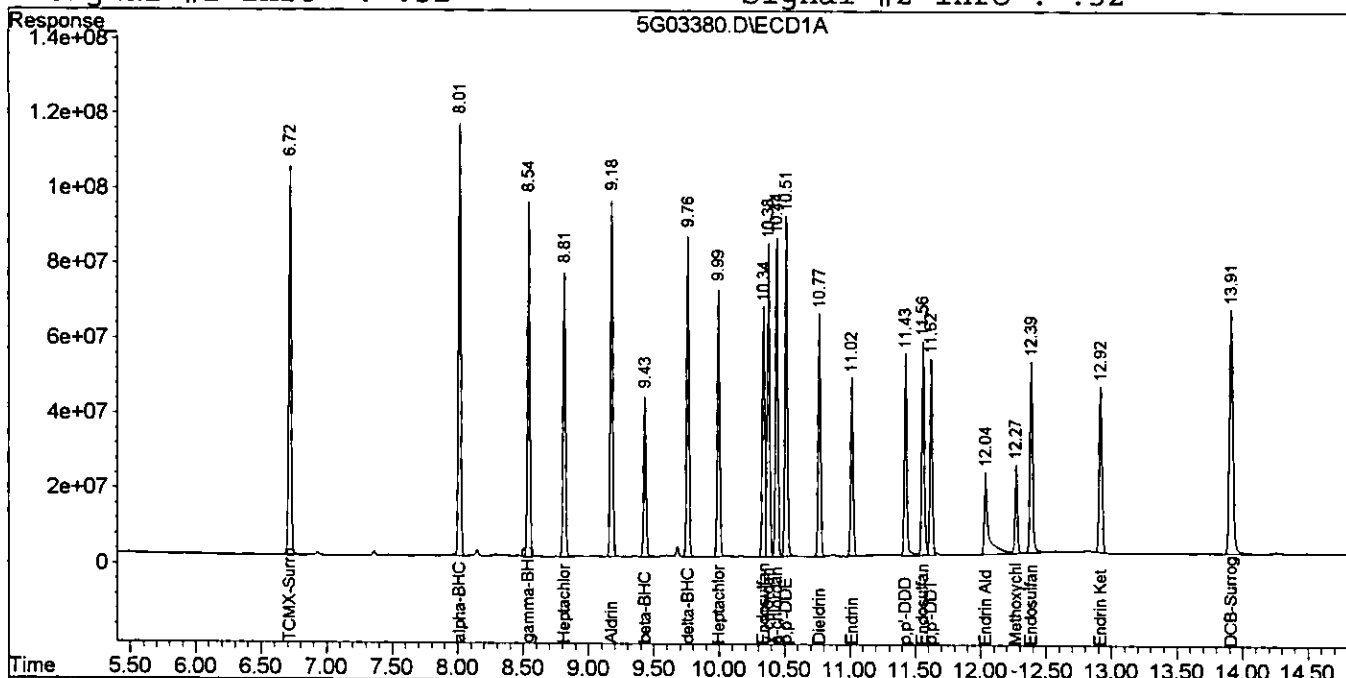
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03380.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03380.D\ECD2B.CH
 Acq On : 7-29-05 9:25:14 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 9:44 2005 Quant Results File: 5G_P0729.RES

001325

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:27:51 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03381.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03381.D\ECD2B.CH
 Acq On : 7-29-05 9:44:01 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 10:00 2005 Quant Results File: 5G_P0729.RES

001320

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:27:51 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	2407.0E6	2436.7E6	386.770	373.359
2) alpha-BHC	8.02	7.63	2706.0E6	3195.4E6	399.717	394.679
3) gamma-BHC	8.54	8.17	2189.8E6	2634.1E6	380.707	390.728
4) beta-BHC	9.43	8.25	972.7E6	1108.9E6	363.182	357.649
5) Heptachlor	8.82	8.61	1734.6E6	1800.4E6	351.739	378.834
6) delta-BHC	9.76	8.74	2006.6E6	2658.9E6	387.853	385.529
7) Aldrin	9.18	9.05	2287.5E6	2317.1E6	393.607	392.792
8) Heptachlor Epoxi	10.00	9.75	1691.6E6	1891.9E6	354.817	384.537
9) y-chlordane	10.38	9.95	2031.9E6	2067.0E6	384.684	389.059
10) a-chlordane	10.44	10.15	2009.8E6	1998.1E6	373.315	384.652
11) Endosulfan I	10.34	10.20	1645.4E6	1877.5E6	363.320	392.110
12) p,p'-DDE	10.51	10.41	2183.8E6	2037.3E6	376.071	394.878
13) Dieldrin	10.77	10.57	1505.4E6	1487.1E6	344.896	388.184
14) Endrin	11.02	11.02	1192.9E6	1081.2E6	359.169	394.459
15) p,p'-DDD	11.43	11.08	1308.2E6	1139.7E6	364.423	379.889
16) Endosulfan II	11.56	11.23	1481.8E6	1645.7E6	357.991	390.459
17) p,p'-DDT	11.62	11.44	1323.8E6	1421.7E6	410.406	433.323
18) Endrin Aldehyde	12.04	11.61	912.3E6	1113.2E6	365.807	389.566
19) Endosulfan Sulfa	12.39	11.75	1386.9E6	1415.5E6	385.984	399.543
20) Methoxychlor	12.27	12.43	587.4E6	498.6E6	403.026	378.008
21) Endrin Ketone	12.92	12.70	1226.3E6	1543.5E6	415.583	393.092
22) DCB-Surrogate	13.91	14.32	2356.4E6	2157.3E6	385.375	366.843
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

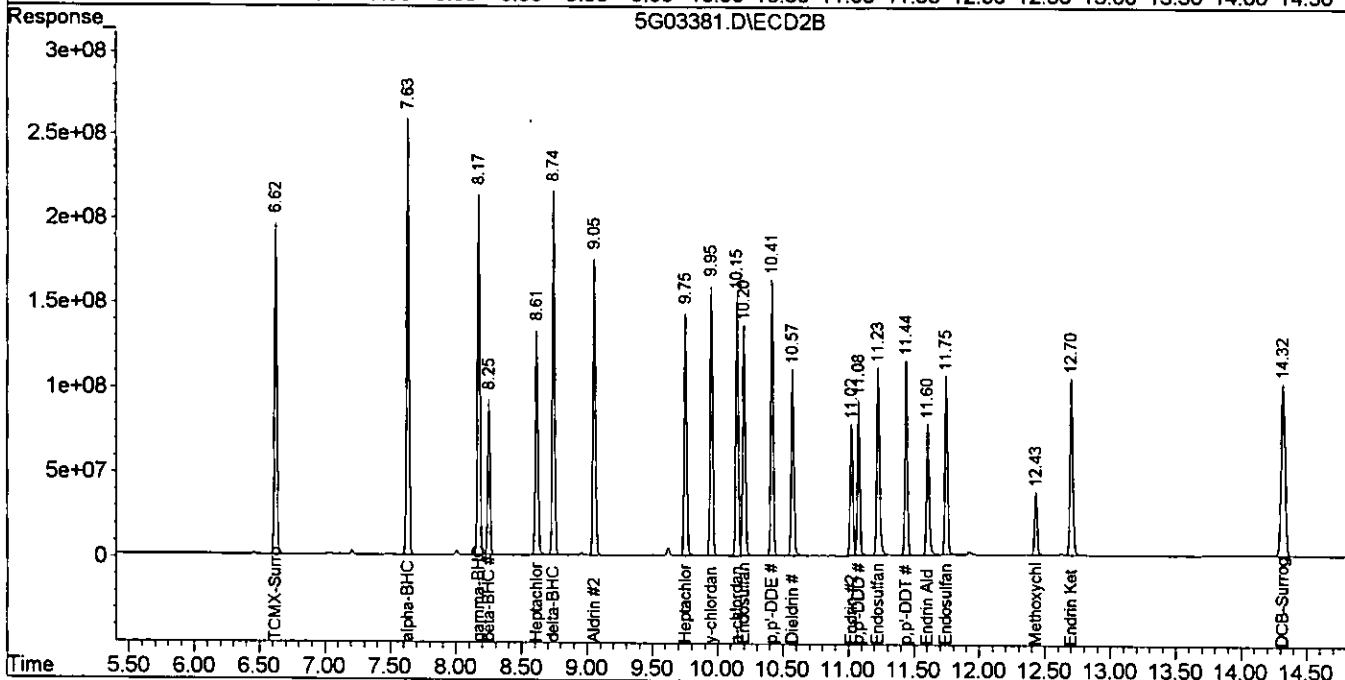
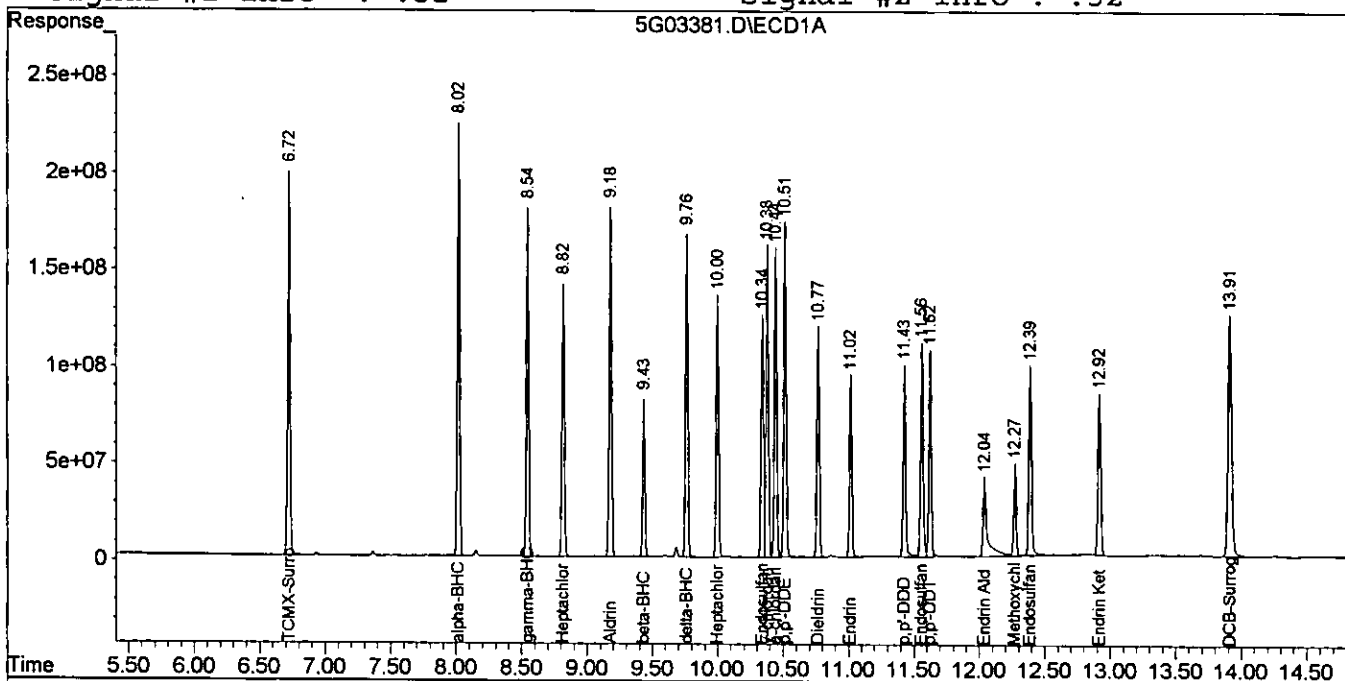
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03381.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03381.D\ECD2B.CH
 Acq On : 7-29-05 9:44:01 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 10:00 2005 Quant Results File: 5G_P0729.RES

001827

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:27:51 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD2B.CH
 Acq On : 7-29-05 10:02:51 Operator: JK
 Sample : CAL CHLOR@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 10:35 2005 Quant Results File: 5G_P0729.RES

0010025

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 09:27:51 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	625.2E6	635.6E6	100.874	98.701
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	13.91	14.32	592.3E6	526.5E6	97.813	92.001
23) Chlordane {1}	8.81	8.61	27828728	27718532	100.000	100.000
24) Chlordane {2}	10.38	9.95	61007782	115.4E6	100.000	99.899m
25) Chlordane {3}	10.44	10.15	89485518	45423593	100.000	100.000
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

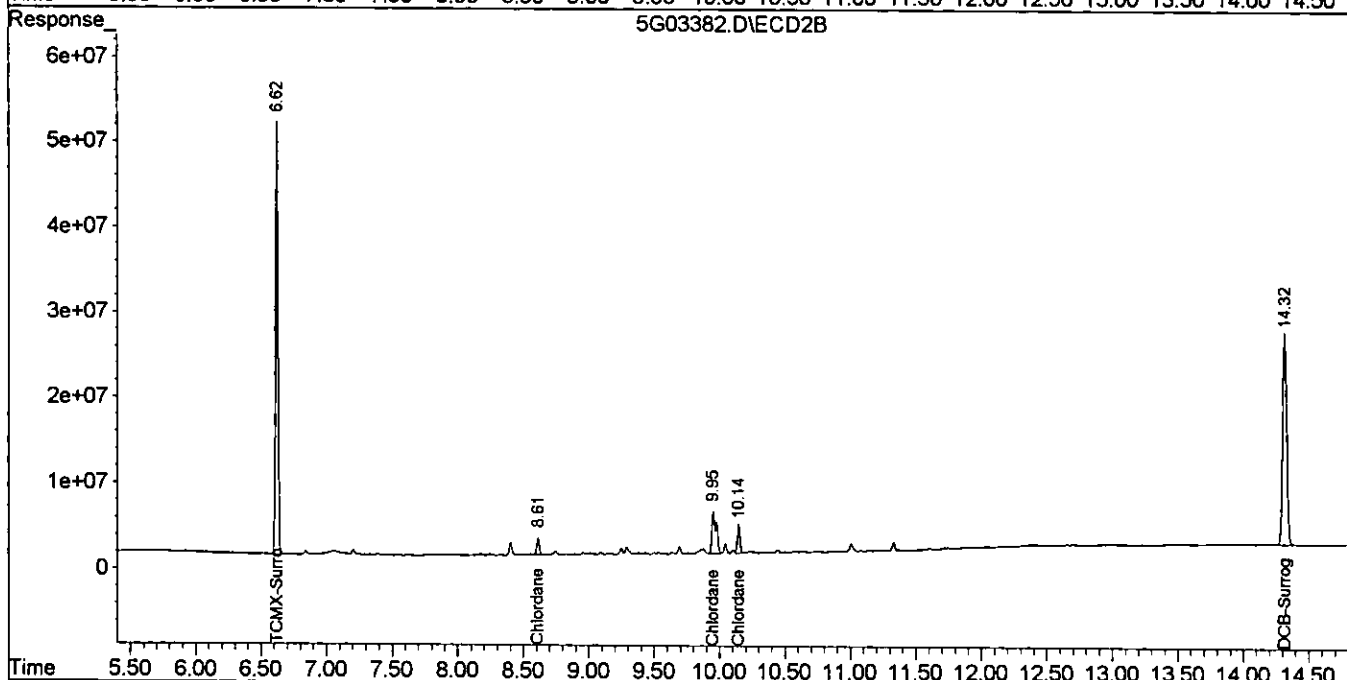
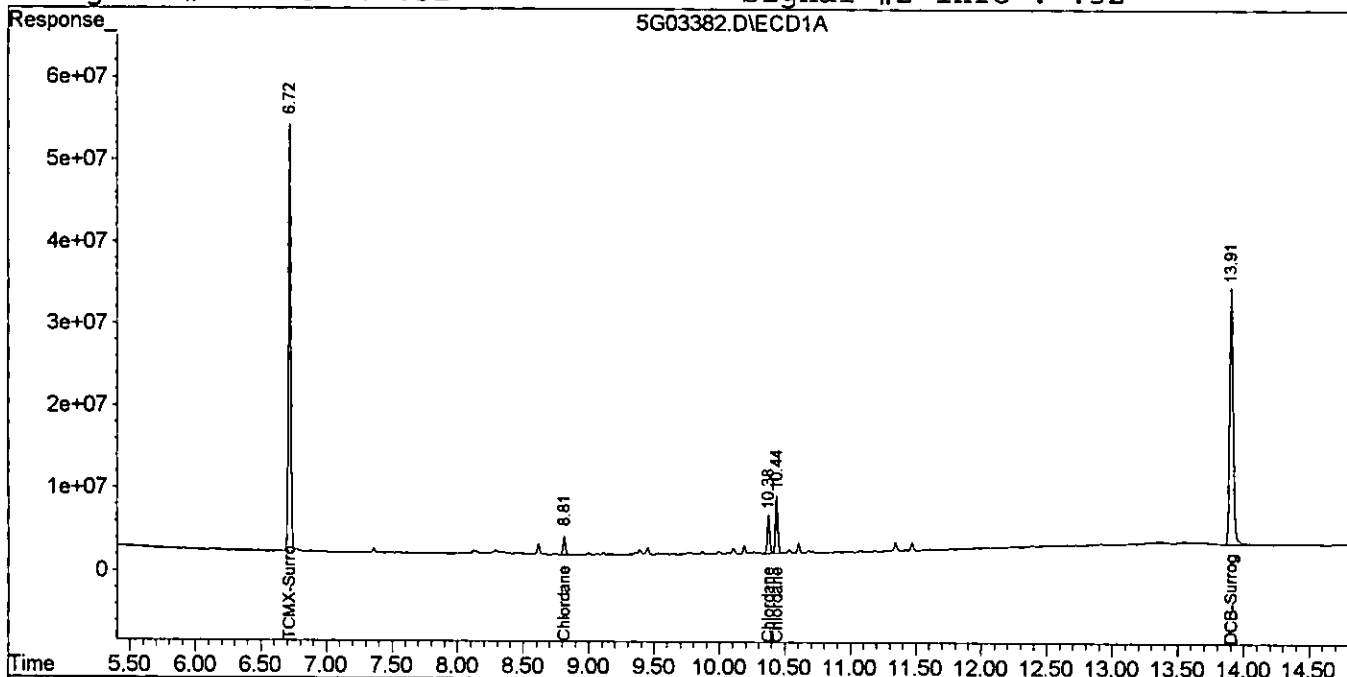
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD2B.CH
Acq On : 7-29-05 10:02:51 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 10:35 2005 Quant Results File: 5G_P0729.RES

001329

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 09:27:51 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD2B.CH
 Acq On : 7-29-05 10:21:48 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Jul 29 10:41 2005 Quant Results File: 5G_P0729.RES

001300

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 10:35:55 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	310.1E6	312.1E6	56.367	54.624
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	13.91	14.32	300.5E6	267.7E6	55.918	52.745
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	10.45	10.69	14546696	16730441	31.488	925.295m#
27) Toxaphene {2}	11.47	11.24	35653504	36577113	346.750	987.511m#
28) Toxaphene {3}	11.59	11.50	44745145	27657868	839.195	411.431 #
29) Toxaphene {4}	11.89	12.21	29211389	28286119	879.010m	444.680 #
30) Toxaphene {5}	12.33	12.28	36174572	26475008	937.487m	500.000 #

08/10/05

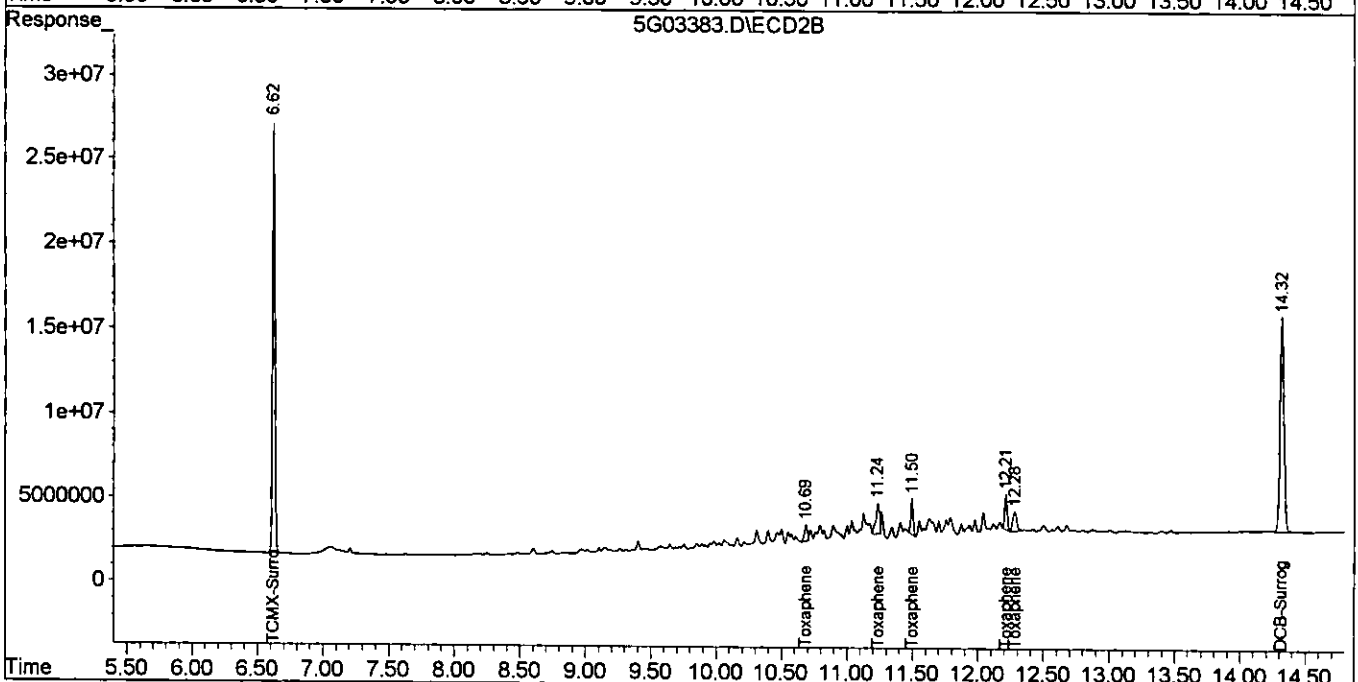
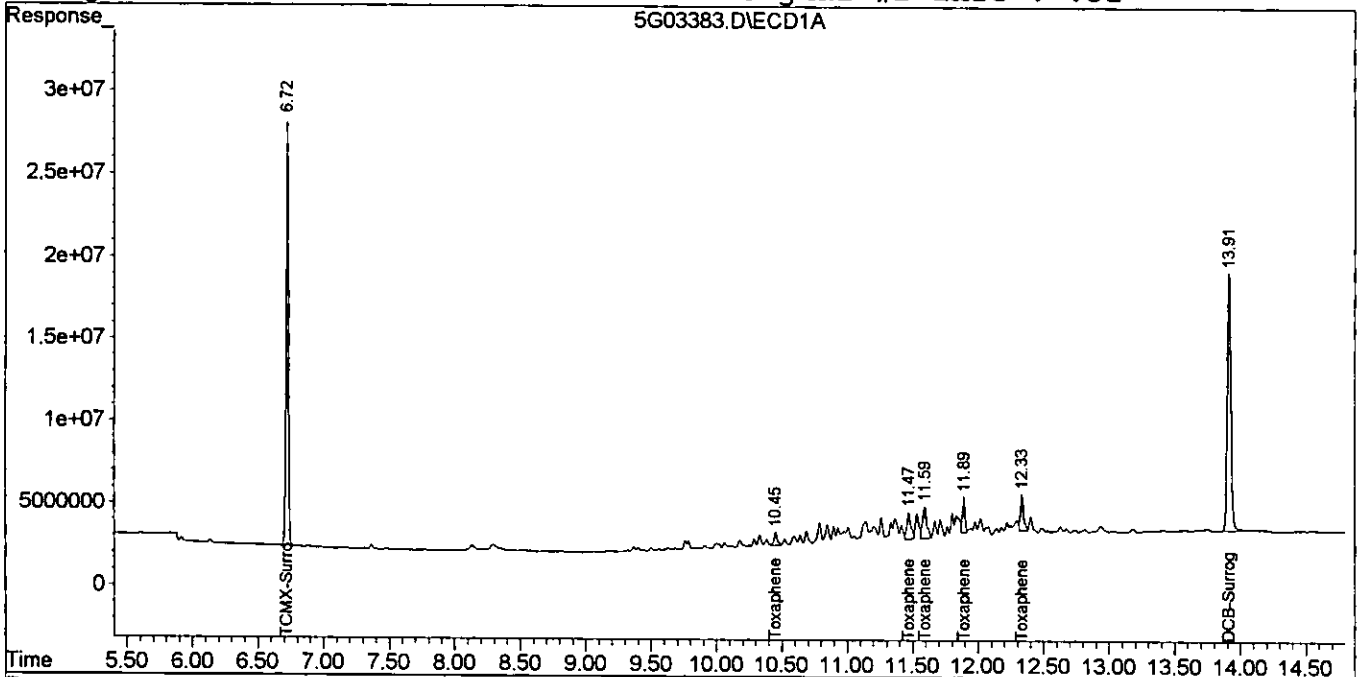
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD2B.CH
Acq On : 7-29-05 10:21:48 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 10:41 2005 Quant Results File: 5G_P0729.RES

00100

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 10:35:55 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08334.D	CAL PEST@2PPB	08/03/05 11:58	2	3G08329.D	CAL PEST@10PPB	08/03/05 10:33
3	3G08330.D	CAL PEST@50PPB	08/03/05 10:53	4	3G08331.D	CAL PEST@100PPB	08/03/05 11:09
5	3G08332.D	CAL PEST@200PPB	08/03/05 11:25	6	3G08333.D	CAL PEST@400PPB	08/03/05 11:42
7	3G08335.D	CAL CHLOR@100PP	08/03/05 12:15	8	3G08336.D	CAL TOXAPH@500P	08/03/05 12:31

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations							
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Qua	0.7346	0.7043	0.8147	0.6537	0.5988	0.5596	---	---	0.678	2.67	0.996	0.998	14	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Lin	0.5499	0.5652	0.8296	0.7324	0.7191	0.7051	---	---	0.684	3.82	0.999	1.00	16	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Lin	0.5650	0.5890	0.8240	0.7091	0.6851	0.6608	---	---	0.672	4.34	0.999	0.999	14	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Qua	1.0737	0.5944	0.5633	0.4313	0.3888	0.3428	---	---	0.566	5.23	0.992	0.998	47	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Lin	0.7322	0.6560	0.7156	0.5888	0.5625	0.5420	---	---	0.633	4.63	0.998	0.999	13	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Lin	0.9832	0.8199	0.8218	0.7147	0.6904	0.6668	---	---	0.783	5.57	0.999	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Lin	0.5371	0.5804	0.7549	0.6577	0.6458	0.6303	---	---	0.634	5.00	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	0.5962	0.5948	0.7256	0.6278	0.6095	0.5896	---	---	0.624	5.84	0.999	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-chlordane	1	0	Avg	0.7041	0.6959	0.8423	0.7418	0.7315	0.7117	---	---	0.738	6.25	0.999	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-chlordane	1	0	Avg	0.6772	0.6781	0.7985	0.6796	0.6521	0.6298	---	---	0.686	6.33	0.999	0.999	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Lin	0.5466	0.5003	0.6089	0.5154	0.4815	0.4471	---	---	0.517	6.22	0.997	0.999	11	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	0.6310	0.6788	0.8114	0.6925	0.6609	0.6280	---	---	0.684	6.42	0.998	0.999	9.9	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	0.5354	0.5324	0.6850	0.6038	0.5939	0.5799	---	---	0.588	6.68	0.999	1.00	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	0.4981	0.5060	0.6386	0.5558	0.5407	0.5191	---	---	0.543	6.95	0.999	1.00	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	0.5481	0.5108	0.5979	0.5157	0.5010	0.4754	---	---	0.525	7.42	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	0.6222	0.5751	0.6995	0.6050	0.5855	0.5610	---	---	0.608	7.54	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Lin	0.1732	0.2409	0.3767	0.3444	0.3617	0.3738	---	---	0.312	7.64	0.999	1.00	27	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	0.4995	0.4511	0.5802	0.4917	0.4683	0.4522	---	---	0.491	8.06	0.999	0.999	9.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	0.5093	0.4724	0.5840	0.5105	0.5011	0.4842	---	---	0.510	8.45	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Lin	0.1590	0.1453	0.2196	0.1934	0.2010	0.1877	---	---	0.184	8.38	0.998	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Lin	0.4975	0.5394	0.6913	0.6068	0.5898	0.5631	---	---	0.581	9.01	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Qua	0.9512	0.8163	0.9420	0.8166	0.7547	0.6861	---	---	0.828	10.09	0.996	0.999	13	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	0.0334	4.69	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	0.0629	6.32	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	0.110	6.39	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	0.00440	7.15	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	0.00225	7.39	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	0.00250	7.67	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	0.00249	8.02	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	0.00280	8.49	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Lin	2.2304	2.0572	2.1141	1.6862	1.5316	1.4568	---	---	1.85	2.73	0.997	0.998	18	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Lin	1.7843	1.8395	2.4086	2.1094	2.0507	2.0517	---	---	2.04	3.63	0.999	0.999	11	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	2.1396	1.8996	2.3296	1.9671	1.8776	1.8496	---	---	2.01	4.14	0.999	0.999	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Lin	1.4187	1.3063	1.2502	1.0301	0.9429	0.8871	---	---	1.14	4.22	0.997	0.999	19	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	2.1824	1.9596	2.1897	1.8593	1.7874	1.7752	---	---	1.96	4.58	0.999	0.999	9.6	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	1.8957	1.8736	2.4039	2.0925	2.0255	2.0050	---	---	2.05	4.71	0.999	0.999	9.4	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 13.4

Avg Rsd Col 2: 11.7

Flags
c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte. >0=multi peak analyte (i.e. nch/chlordane etc.)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

388100

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08334.D	CAL PEST@2PPB	08/03/05 11:58	2	3G08329.D	CAL PEST@10PPB	08/03/05 10:33
3	3G08330.D	CAL PEST@50PPB	08/03/05 10:53	4	3G08331.D	CAL PEST@100PPB	08/03/05 11:09
5	3G08332.D	CAL PEST@200PPB	08/03/05 11:25	6	3G08333.D	CAL PEST@400PPB	08/03/05 11:42
7	3G08335.D	CAL CHLOR@100PP	08/03/05 12:15	8	3G08336.D	CAL TOXAPH@500P	08/03/05 12:31

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations							
																	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	2.2046	1.8915	2.2097	1.8783	1.8116	1.7878	---	---	1.96	5.02	0.999	0.999	9.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.8359	1.8207	2.1261	1.7988	1.7148	1.6769	---	---	1.83	5.75	0.999	0.999	8.7	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	1.9147	1.8612	2.1530	1.8121	1.7288	1.6917	---	---	1.86	5.96	0.999	0.999	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Lin	1.9306	1.7903	1.9910	1.6554	1.5512	1.4942	---	---	1.74	6.17	0.998	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.9681	1.8778	2.2505	1.9282	1.8593	1.8244	---	---	1.95	6.22	0.999	0.999	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.7425	1.7924	2.1288	1.8125	1.7446	1.7027	---	---	1.82	6.47	0.999	0.999	8.6	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.8253	1.6165	2.0295	1.7561	1.7162	1.7002	---	---	1.77	6.62	0.999	0.999	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.4727	1.4569	1.7983	1.5264	1.4743	1.4440	---	---	1.53	7.11	0.999	0.999	8.8	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Lin	1.7295	1.3331	1.6605	1.4403	1.4128	1.3893	---	---	1.49	7.19	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.7696	1.6617	1.9666	1.6645	1.5968	1.5612	---	---	1.70	7.34	0.999	0.999	8.6	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Lin	0.8318	0.9523	1.3981	1.2435	1.2720	1.2935	---	---	1.17	7.59	1.00	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Lin	2.4500	1.5490	1.5936	1.3331	1.2643	1.2048	---	---	1.57	7.76	0.998	0.999	29	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	1.5781	1.4852	1.7345	1.4833	1.4275	1.4052	---	---	1.52	7.92	0.999	0.999	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	0.6926	0.6017	0.8062	0.6970	0.6868	0.6634	---	---	0.691	8.71	0.999	1.00	9.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	1.9341	1.8162	2.1519	1.8502	1.7841	1.7165	---	---	1.88	8.96	0.999	0.999	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Qua	2.8505	2.6760	2.8017	2.3250	2.1827	1.9434	---	---	2.46	10.65	0.994	0.999	15	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	0.104	4.59	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	0.378	6.00	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	0.156	6.18	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	0.0476	7.24	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	0.0194	7.14	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	0.0175	7.65	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	0.0191	8.44	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	0.0133	8.52	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 13.4

Avg Rsd Col 2: 11.7

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
 Mr = MultiPeak Analyte 0=single neak analyte..>0=multi neak analyte (i.e. nch/chlordane etc..)
 Fit = Indicates whehter Ave RF, Linear, or Quadratic Curve was used for compound.
 Corr 1 = Correlation Coefficient for linear Ea.
 Corr 2 = Correlation Coefficient for quad Ea.

All Response Factors = Response Factors / 10000
 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
 Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

080100

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD1A.CH Vial: 10
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:58 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:37 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 11:34:48 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	14694	44609	2.011m	N.D. m#
2) alpha-BHC	3.82	3.63	10998	35688	N.D.	1.749
3) gamma-BHC	4.34	4.14	11300	42792	1.681	2.187 #
4) beta-BHC	5.22	4.22	21475	28375	1820.716m	N.D. #
5) Heptachlor	4.63	4.58	14646	43648	N.D. m	N.D. m
6) delta-BHC	5.57	4.71	19665	37914	2.512	1.850 #
7) Aldrin	5.00	5.02	10744	44093	1.693	2.245 #
8) Heptachlor Epoxi	5.85	5.75	11926	36719	1.911	2.008
9) y-chlordane	6.26	5.96	14083	38294	1.908	2.059
10) a-chlordane	6.33	6.17	13544	38613	1.975	2.225
11) Endosulfan I	6.22	6.22	10932	39363	2.116	2.017
12) p,p'-DDE	6.42	6.47	12621	34851	1.846	1.914
13) Dieldrin	6.68	6.62	10709	36506	1.820	2.058
14) Endrin	6.95	7.11	9964	29455	1.835	1.946m
15) p,p'-DDD	7.42	7.19	10963	34590	2.109	2.332
16) Endosulfan II	7.54	7.34	12444	35392	2.075	2.078
17) p,p'-DDT	7.64	7.59	3465	16637	1.117m	1.427m#
18) Endrin Aldehyde	8.06	7.76	9992	49001	2.103	N.D. #
19) Endosulfan Sulfa	8.45	7.92	10187	31564	1.996	2.078
20) Methoxychlor	8.38	8.71	3180	13853	1.725	2.097
21) Endrin Ketone	9.01	8.96	9950	38684	1.715m	2.066m
22) DCB-Surrogate	10.09	10.65	19020	56937	N.D. m	N.D. m
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

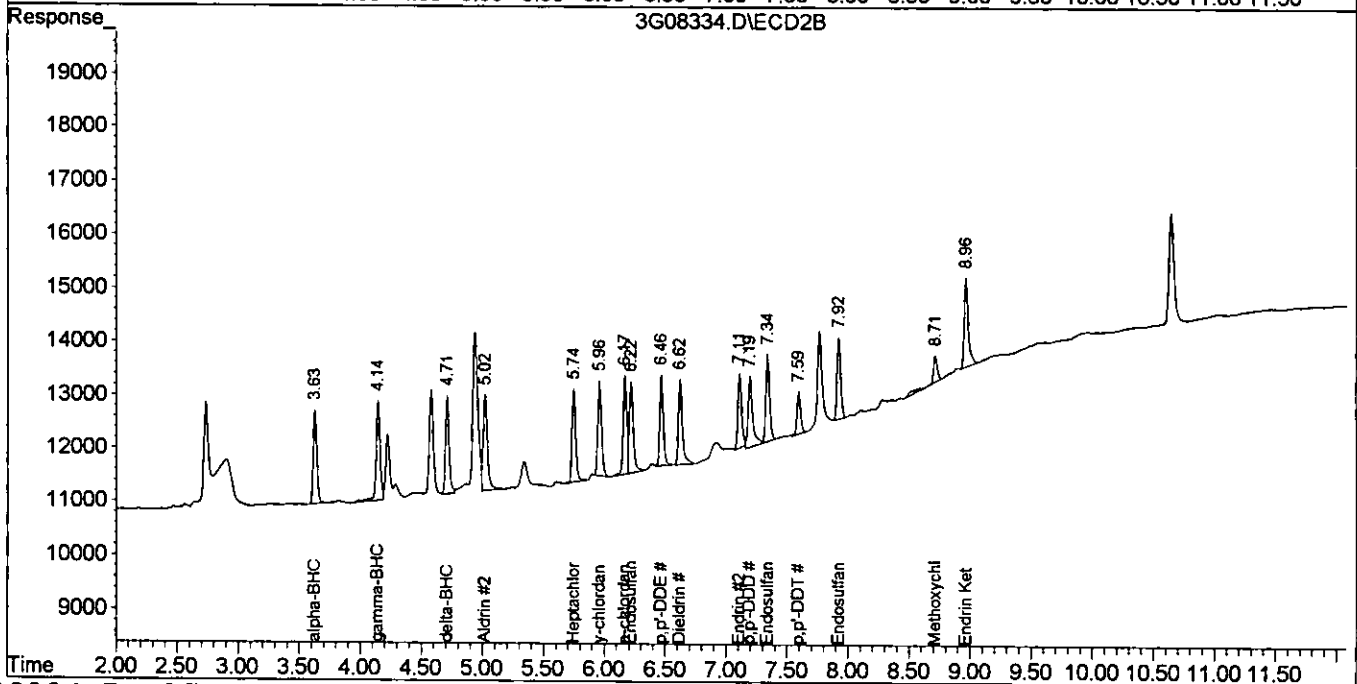
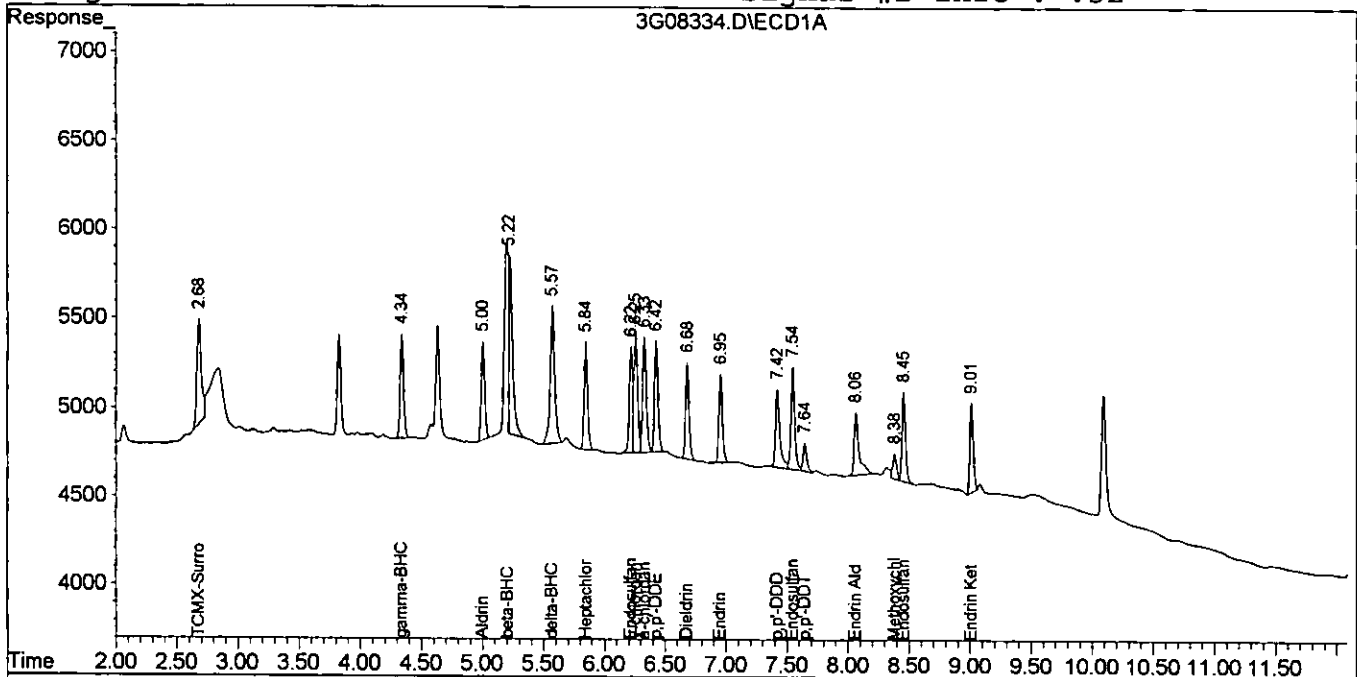
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD2B.CH
Acq On : 3 Aug 2005 11:58 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 4 6:37 2005 Quant Results File: 3G_P0803.RES

001333

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 11:34:48 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08329.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08329.D\ECD2B.CH
 Acq On : 3 Aug 2005 10:33 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 10:49 2005 Quant Results File: 3G_P0803.RES

0010030

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	70436	205728	11.959	9.384
2) alpha-BHC	3.83	3.63	56523	183959	8.543	11.411 #
3) gamma-BHC	4.34	4.15	58903	189962	9.895	12.313
4) beta-BHC	5.23	4.22	59449	130637	10.160m	10.436
5) Heptachlor	4.63	4.58	65605	195969	4.928	11.418 #
6) delta-BHC	5.57	4.71	81994	187363	13.707	11.895
7) Aldrin	5.00	5.02	58041	189154	10.177	12.428
8) Heptachlor Epoxi	5.85	5.75	59481	182075	10.629	12.254
9) y-chlordane	6.26	5.96	69592	186120	10.387	11.897
10) a-chlordane	6.33	6.17	67814	179033	10.793	12.589
11) Endosulfan I	6.22	6.22	50038	187786	10.653	11.839
12) p,p'-DDE	6.42	6.47	67882	179246	11.045	12.022
13) Dieldrin	6.68	6.62	53240	161658	10.787	11.463
14) Endrin	6.95	7.11	50604	145692	11.111	12.388
15) p,p'-DDD	7.42	7.19	51081	133311	12.112	11.830
16) Endosulfan II	7.54	7.34	57511	166176	10.289	11.711
17) p,p'-DDT	7.64	7.59	24092	95231	7.203	9.772 #
18) Endrin Aldehyde	8.06	7.76	45114	154909	10.581	10.141
19) Endosulfan Sulfa	8.45	7.92	47243	148525	10.641	11.718
20) Methoxychlor	8.38	8.71	14537	60174	9.559	11.768
21) Endrin Ketone	9.01	8.97	53940	181628	10.341m	11.152
22) DCB-Surrogate	10.09	10.65	81635	267604	5.578	7.978 #
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

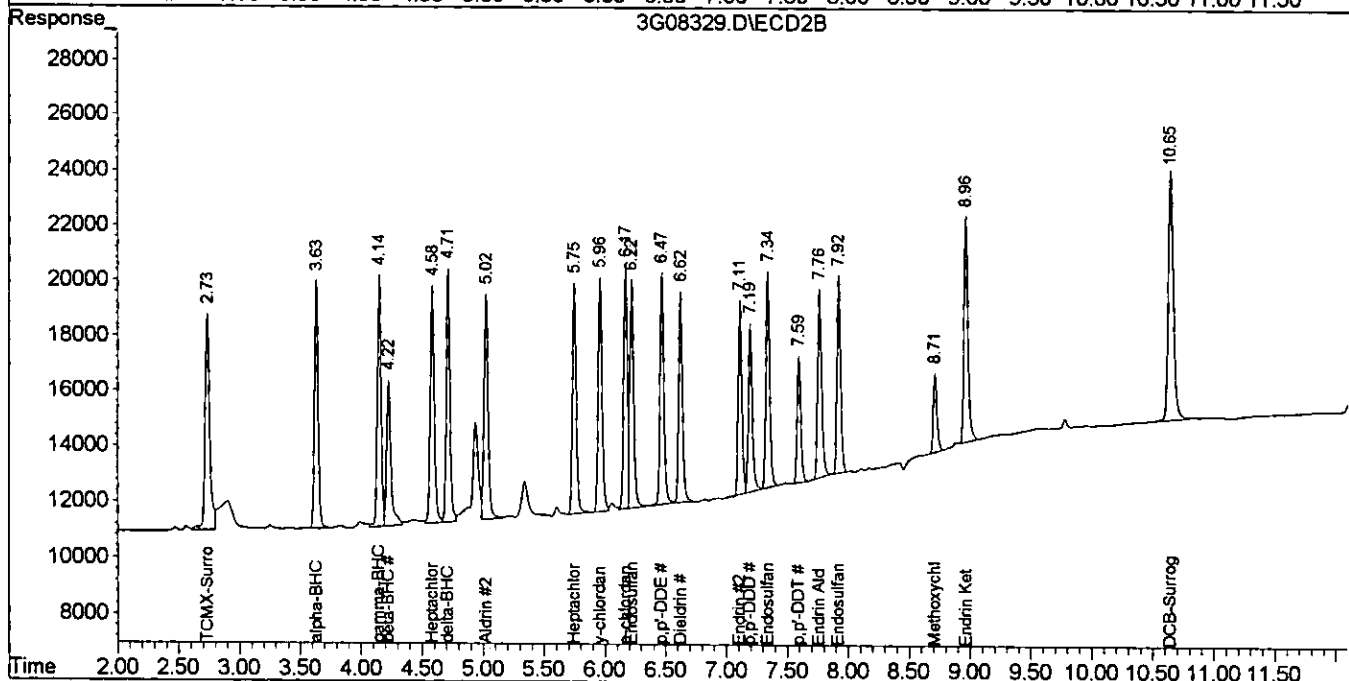
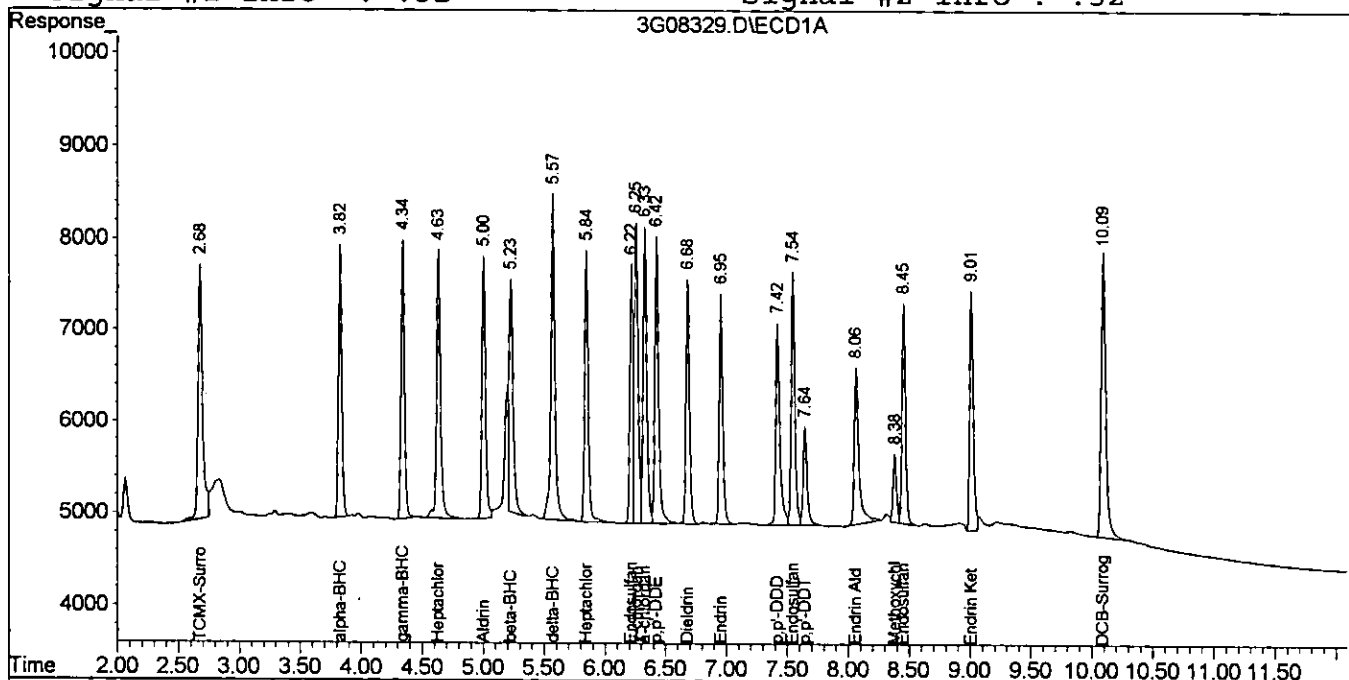
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08329.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08329.D\ECD2B.CH
Acq On : 3 Aug 2005 10:33 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 10:49 2005 Quant Results File: 3G_P0803.RES

100000

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Mon Jul 11 09:18:47 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08330.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08330.D\ECD2B.CH
 Acq On : 3 Aug 2005 10:53 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:03 2005 Quant Results File: 3G_P0803.RES

001338

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	407396	1057077	69.171	77.384
2) alpha-BHC	3.83	3.63	414836	1204326	64.725	74.705
3) gamma-BHC	4.34	4.14	412026	1164818	69.218	75.503
4) beta-BHC	5.23	4.22	281656	625131	74.659	75.970
5) Heptachlor	4.63	4.58	357846	1094875	71.334	77.917
6) delta-BHC	5.57	4.71	410902	1201987	68.690	76.308
7) Aldrin	5.01	5.02	377497	1104879	66.189	72.593
8) Heptachlor Epoxi	5.85	5.75	362822	1063066	64.837	71.549
9) y-chlordane	6.26	5.96	421150	1076542	62.861	68.815
10) a-chlordane	6.33	6.17	399261	995498	63.547	70.002
11) Endosulfan I	6.22	6.22	304481	1125293	64.821	70.942
12) p,p'-DDE	6.43	6.47	405744	1064404	66.018	71.387
13) Dieldrin	6.68	6.62	342501	1014787	69.394	71.957
14) Endrin	6.95	7.11	319341	899195	70.113	76.457
15) p,p'-DDD	7.42	7.19	298963	830297	70.890	73.678
16) Endosulfan II	7.55	7.34	349769	983314	62.577	69.298
17) p,p'-DDT	7.65	7.59	188363	699091	56.320	71.738 #
18) Endrin Aldehyde	8.07	7.76	290134	796818	68.046	73.975
19) Endosulfan Sulfa	8.46	7.92	292043	867264	65.776	68.421
20) Methoxychlor	8.38	8.71	109804	403102	72.198	78.831
21) Endrin Ketone	9.01	8.97	345659	1075965	66.269	66.066
22) DCB-Surrogate	10.09	10.65	471034	1400890	67.505	70.602
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

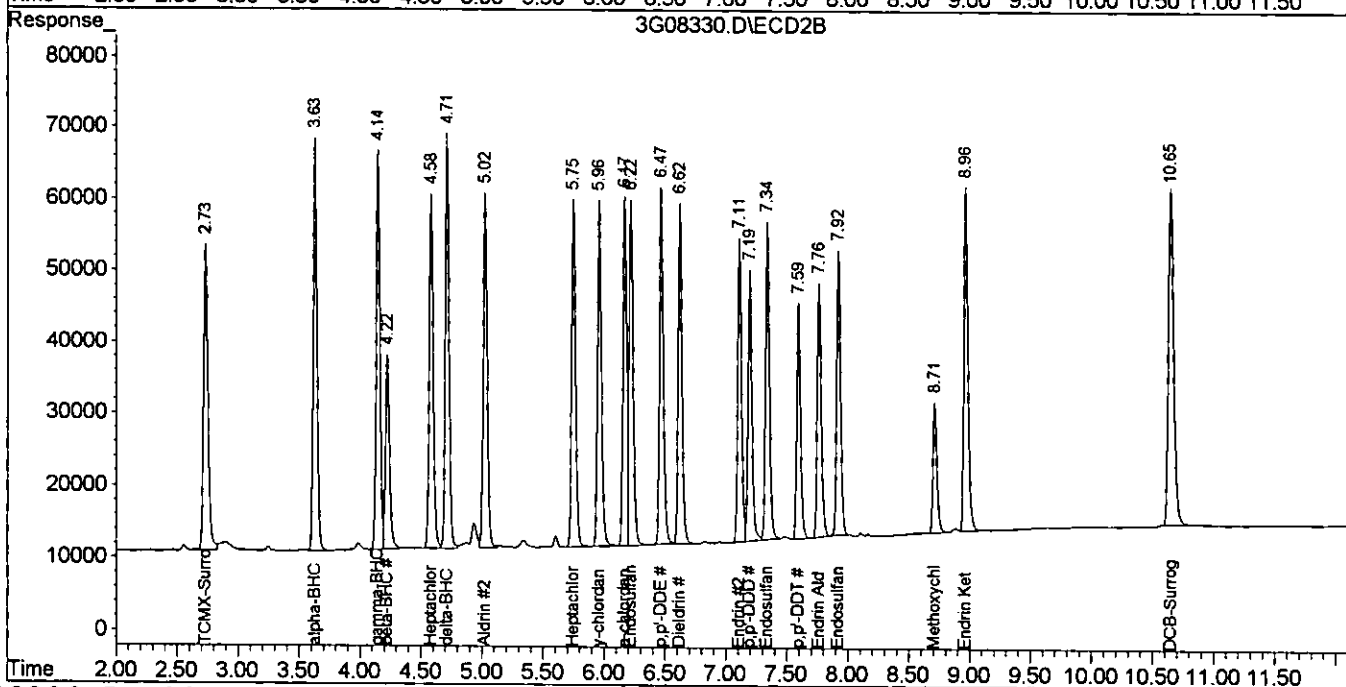
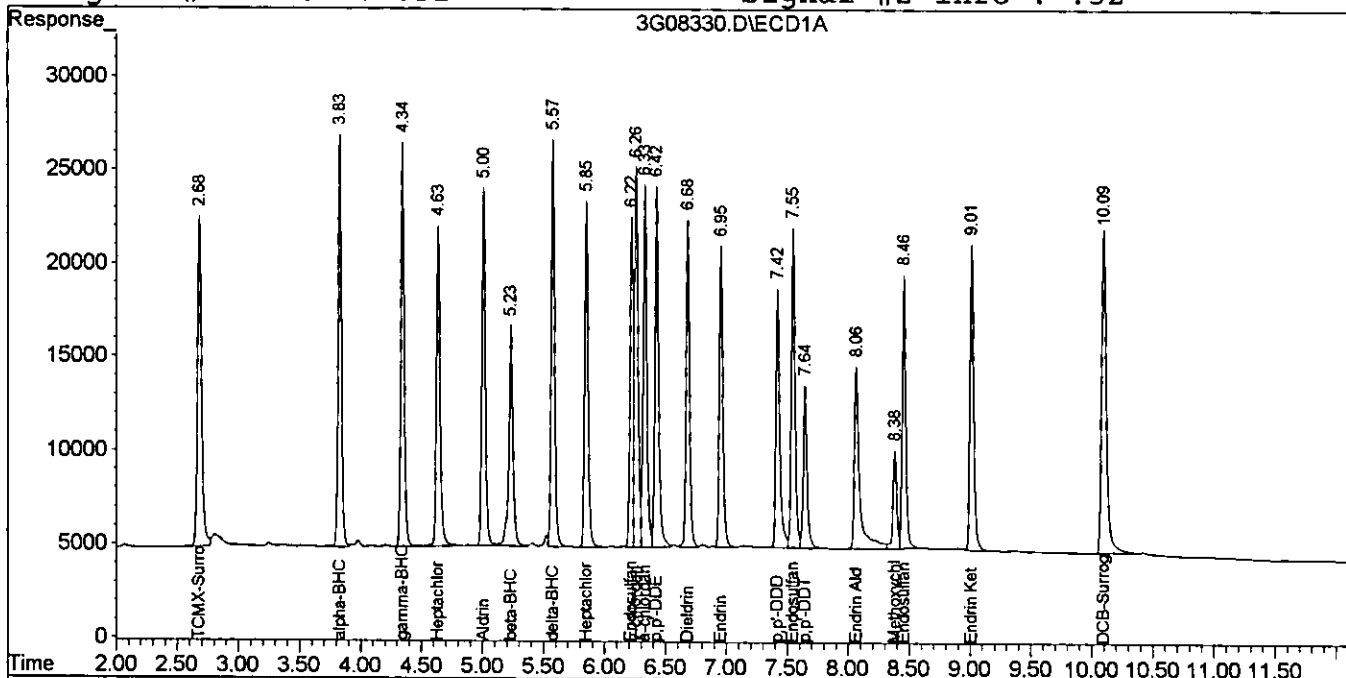
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08330.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08330.D\ECD2B.CH
Acq On : 3 Aug 2005 10:53 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 11:03 2005 Quant Results File: 3G_P0803.RES

001333

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Mon Jul 11 09:18:47 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:09 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:23 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	653706	1686195	110.991	127.634
2) alpha-BHC	3.82	3.63	732418	2109397	114.520	130.847
3) gamma-BHC	4.34	4.14	709114	1967181	119.126	127.512
4) beta-BHC	5.23	4.22	431296	1030188	120.166	129.651
5) Heptachlor	4.63	4.58	588834	1859351	123.821	134.472
6) delta-BHC	5.57	4.71	714745	2092527	119.483	132.844
7) Aldrin	5.00	5.02	657737	1878347	115.326	123.412
8) Heptachlor Epoxi	5.84	5.75	627849	1798810	112.197	121.068
9) y-chlordane	6.25	5.96	741870	1812163	110.732	115.838
10) a-chlordane	6.33	6.17	679610	1655398	108.167	116.406
11) Endosulfan I	6.22	6.22	515483	1928257	109.742	121.563
12) p,p'-DDE	6.42	6.47	692497	1812591	112.674	121.567
13) Dieldrin	6.68	6.62	603893	1756102	122.355	124.522
14) Endrin	6.95	7.11	555885	1526409	122.048	129.789
15) p,p'-DDD	7.42	7.19	515715	1440361	122.287	127.812
16) Endosulfan II	7.54	7.34	605009	1664592	108.242	117.311
17) p,p'-DDT	7.64	7.59	344433	1243579	102.985	127.612
18) Endrin Aldehyde	8.06	7.76	491792	1333156	115.341	127.311
19) Endosulfan Sulfa	8.45	7.92	510520	1483362	114.984	117.026
20) Methoxychlor	8.38	8.71	193425	697053	127.181	136.316
21) Endrin Ketone	9.01	8.96	606799	1850214	116.335	113.606
22) DCB-Surrogate	10.09	10.65	816678	2325065	122.473	121.671
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

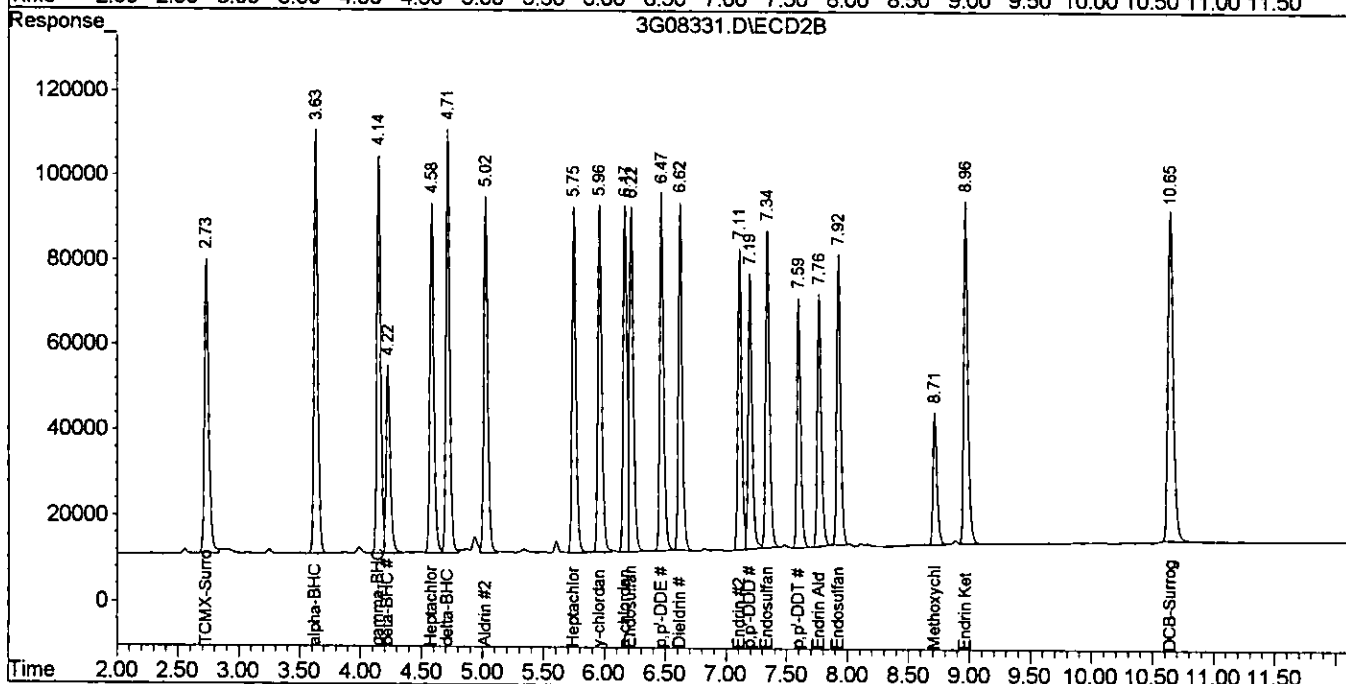
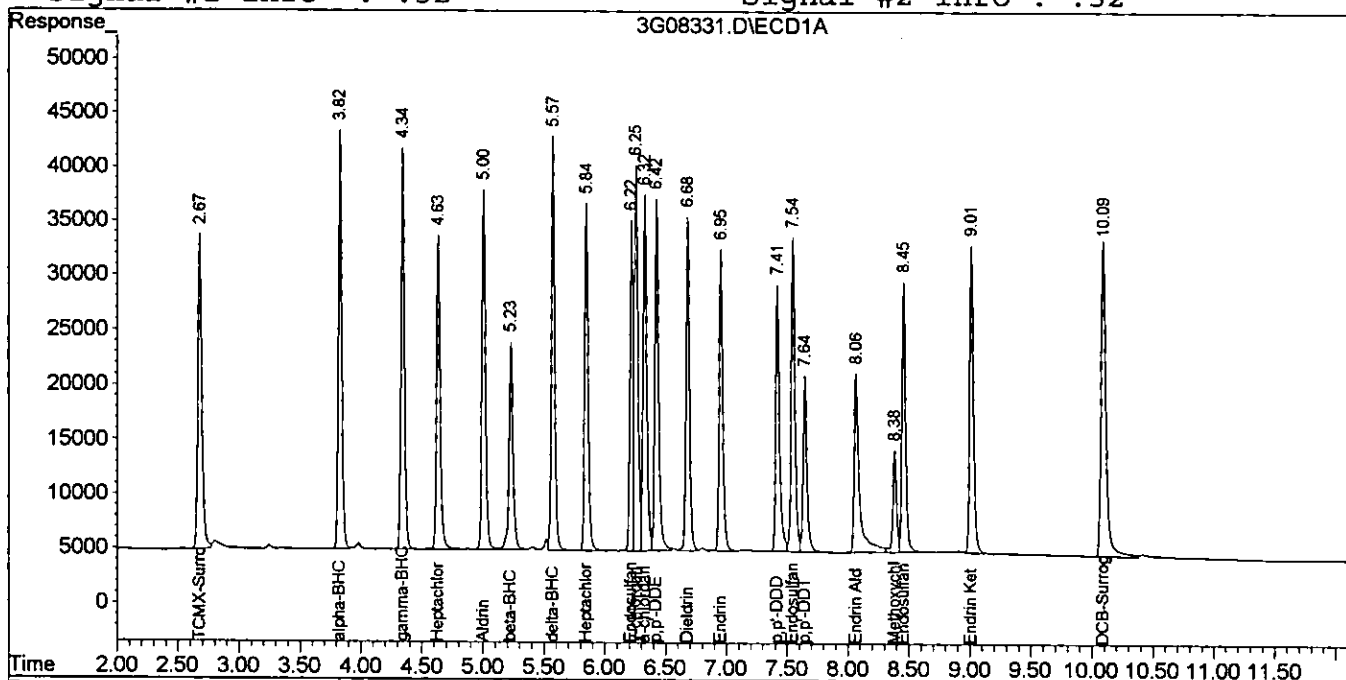
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD2B.CH
Acq On : 3 Aug 2005 11:09 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 11:23 2005 Quant Results File: 3G_P0803.RES

001341

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Mon Jul 11 09:18:47 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:25 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:33 2005 Quant Results File: 3G_P0803.RES

001342

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	1197694	3063353	203.354	237.632
2) alpha-BHC	3.82	3.63	1438207	4101400	225.184	254.412
3) gamma-BHC	4.34	4.14	1370385	3755327	230.216	243.419
4) beta-BHC	5.23	4.22	777732	1885827	233.303	243.046
5) Heptachlor	4.63	4.58	1125036	3574979	245.661	261.391
6) delta-BHC	5.57	4.71	1380890	4051081	230.841	257.182
7) Aldrin	5.00	5.02	1291651	3623237	226.475	238.056
8) Heptachlor Epoxi	5.84	5.75	1218998	3429633	217.836	230.829
9) y-chlordane	6.25	5.96	1463169	3457682	218.393	221.024
10) a-chlordane	6.32	6.17	1304338	3102475	207.599	218.163
11) Endosulfan I	6.22	6.22	963129	3718719	205.041	234.440
12) p,p'-DDE	6.42	6.47	1321981	3489264	215.096	234.018
13) Dieldrin	6.68	6.62	1187872	3432533	240.675	243.395
14) Endrin	6.95	7.11	1081475	2948648	237.445	250.720
15) p,p'-DDD	7.41	7.19	1002067	2825724	237.612	250.744
16) Endosulfan II	7.54	7.34	1171123	3193684	209.526	225.073
17) p,p'-DDT	7.64	7.59	723447	2544007	216.309	261.057
18) Endrin Aldehyde	8.06	7.76	936645	2528591	219.673	246.191
19) Endosulfan Sulfa	8.45	7.92	1002354	2855142	225.759	225.250
20) Methoxychlor	8.38	8.71	402068	1373660	264.368	268.634
21) Endrin Ketone	9.01	8.96	1179703	3568264	226.172	219.096
22) DCB-Surrogate	10.09	10.64	1509465	4365406	232.647	234.418
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

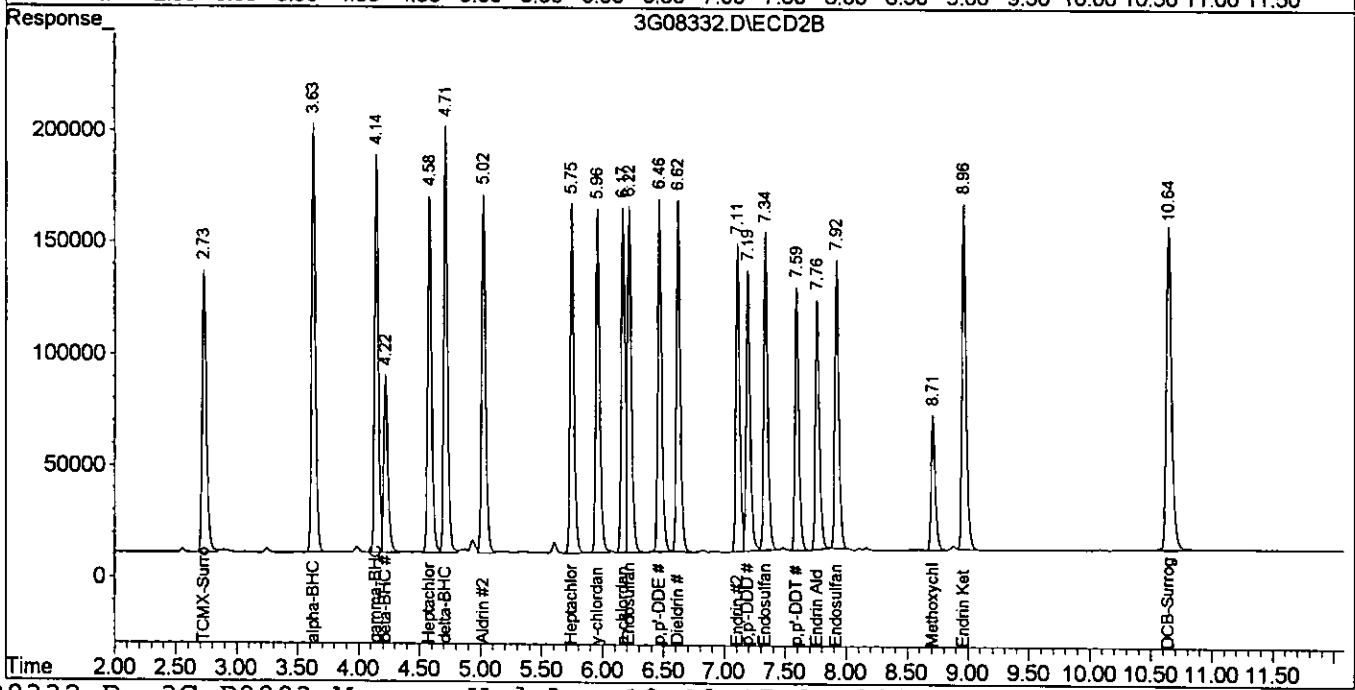
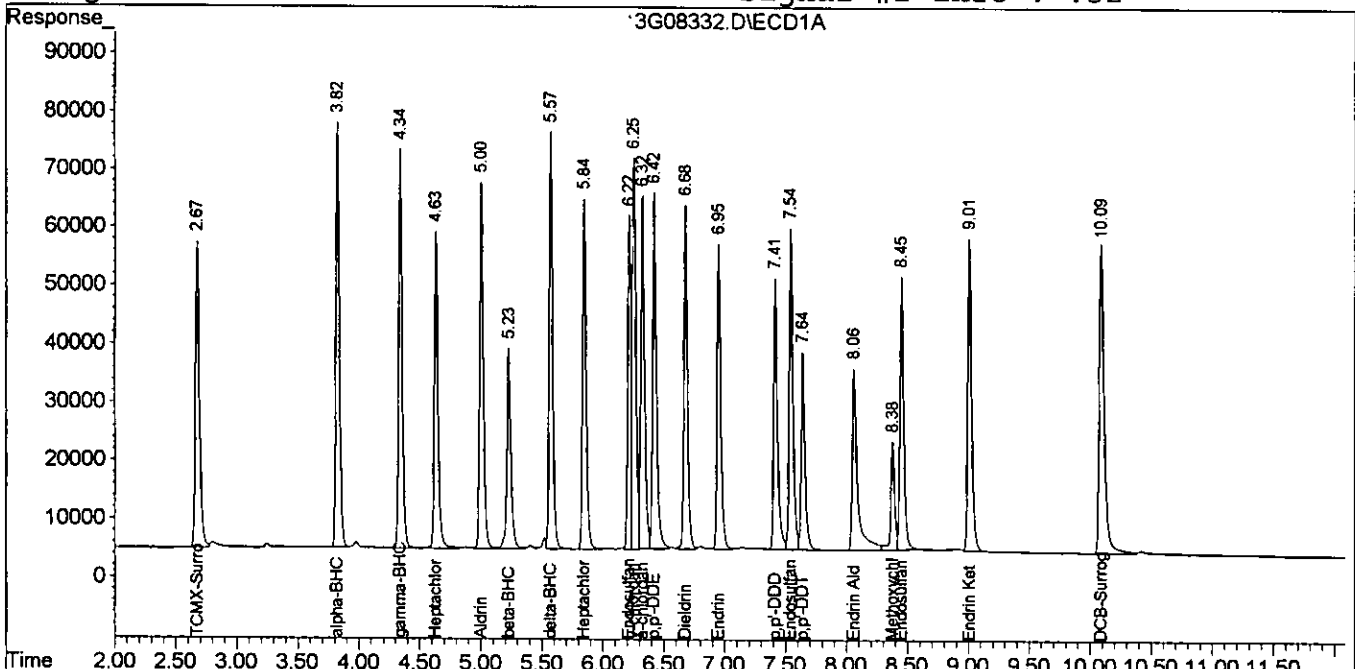
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:25 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:33 2005 Quant Results File: 3G_P0803.RES

001343

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:42 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:51 2005 Quant Results File: 3G_P0803.RES

001341

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 11:34:48 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.67	2.73	2238768	5827420	306.996	379.150
2) alpha-BHC	3.82	3.63	2820633	8207103	390.252	403.879
3) gamma-BHC	4.34	4.14	2643240	7398614	396.506	377.072
4) beta-BHC	5.23	4.22	1371510	3548453	NoQuad	375.111
5) Heptachlor	4.63	4.58	2168163	7100804	385.010	396.873
6) delta-BHC	5.57	4.71	2667349	8020206	275.293	393.530 #
7) Aldrin	5.00	5.02	2521516	7151522	386.542	357.855
8) Heptachlor Epoxi	5.84	5.75	2358739	6707975	377.984	365.900
9) y-chlordane	6.25	5.96	2847112	6767132	386.359	362.286
10) a-chlordane	6.32	6.17	2519287	5977073	364.192	339.856
11) Endosulfan I	6.22	6.22	1788690	7297912	337.643	374.266
12) p,p'-DDE	6.42	6.47	2512162	6810873	365.685	375.212
13) Dieldrin	6.68	6.62	2319750	6801094	394.507	384.477
14) Endrin	6.95	7.11	2076624	5776275	379.468	373.198
15) p,p'-DDD	7.42	7.19	1901741	5557564	363.281	386.969
16) Endosulfan II	7.54	7.34	2244103	6244860	373.835	365.794
17) p,p'-DDT	7.64	7.59	1495197	5174199	504.684	461.102
18) Endrin Aldehyde	8.06	7.76	1808878	4819511	369.213	381.141
19) Endosulfan Sulfa	8.45	7.92	1936851	5620876	383.459	370.442
20) Methoxychlor	8.38	8.71	750878	2653619	416.981	402.481
21) Endrin Ketone	9.01	8.96	2252729	6866166	384.598	366.626
22) DCB-Surrogate	10.09	10.65	2744570	7773699	360.575	354.778
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

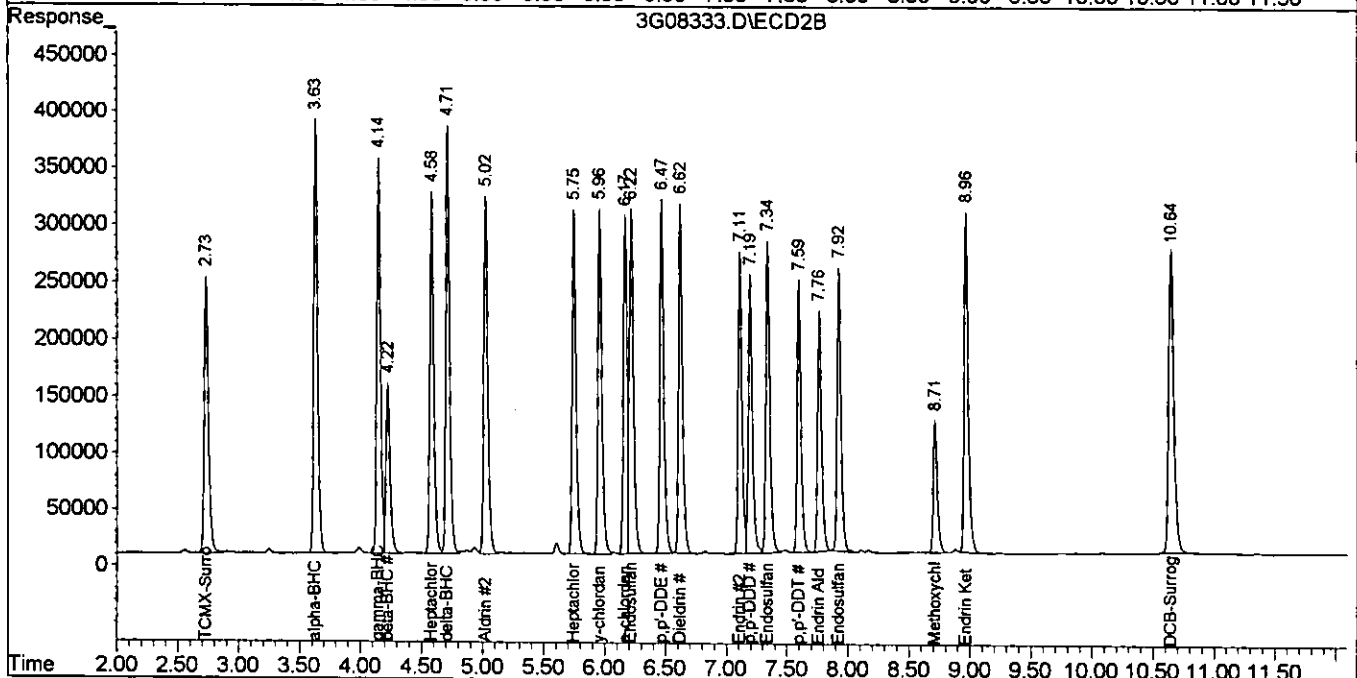
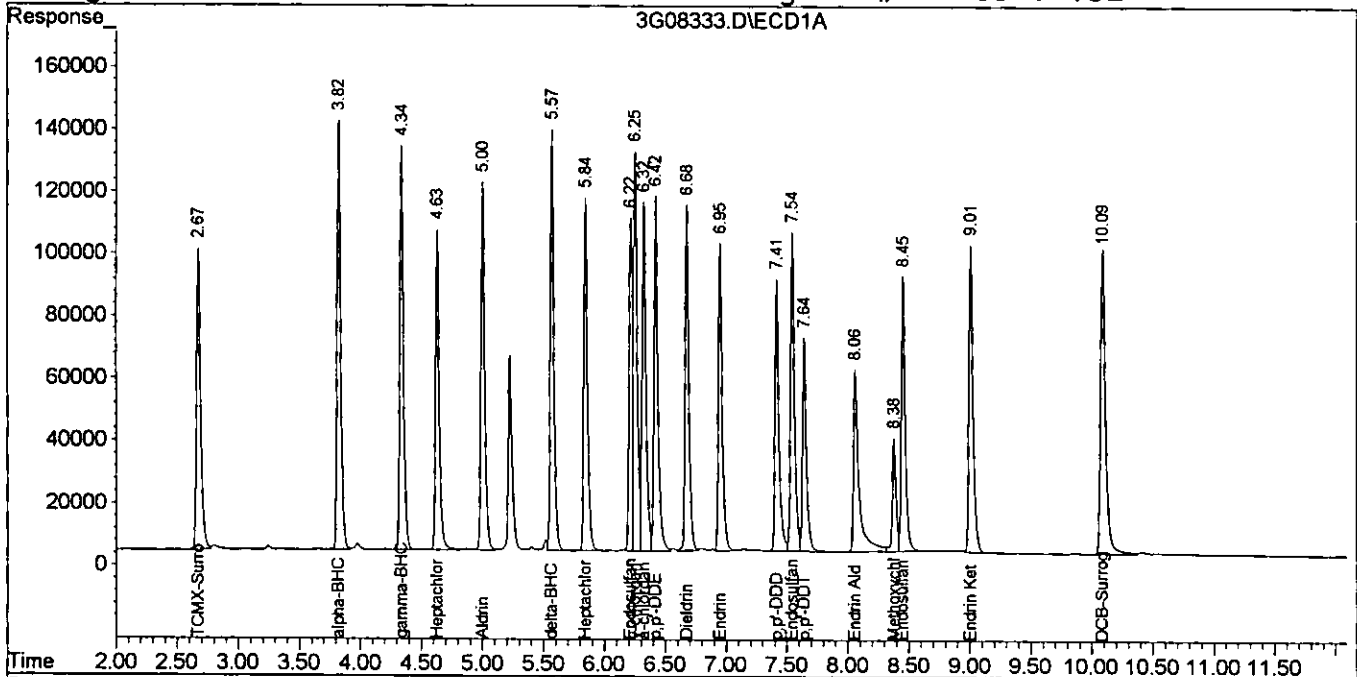
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:42 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:51 2005 Quant Results File: 3G_P0803.RES

001345

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 11:34:48 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08335.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08335.D\ECD2B.CH
 Acq On : 3 Aug 2005 12:15 Operator: JK
 Sample : CAL CHLOR@100PPB Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 12:35 2005 Quant Results File: 3G_P0803.RES

001340

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 11:34:48 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	594352	1536738	83.587	96.397
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	10.09	10.65	776983	2209547	102.572	101.394
23) Chlordane {1}	4.63	4.58	33455	103613	99.663	101.421
24) Chlordane {2}	6.25	5.98	62898	378283	100.339m	100.431m
25) Chlordane {3}	6.33	6.17	110300	155870	99.387m	100.000
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

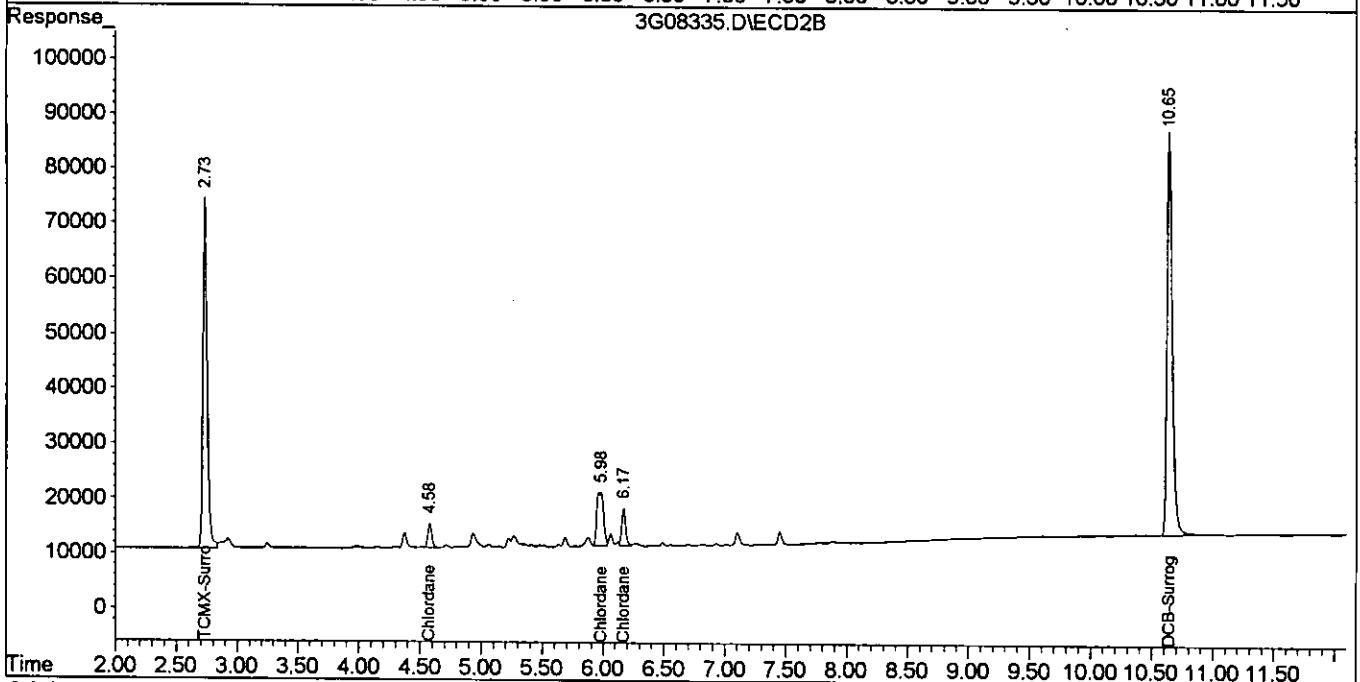
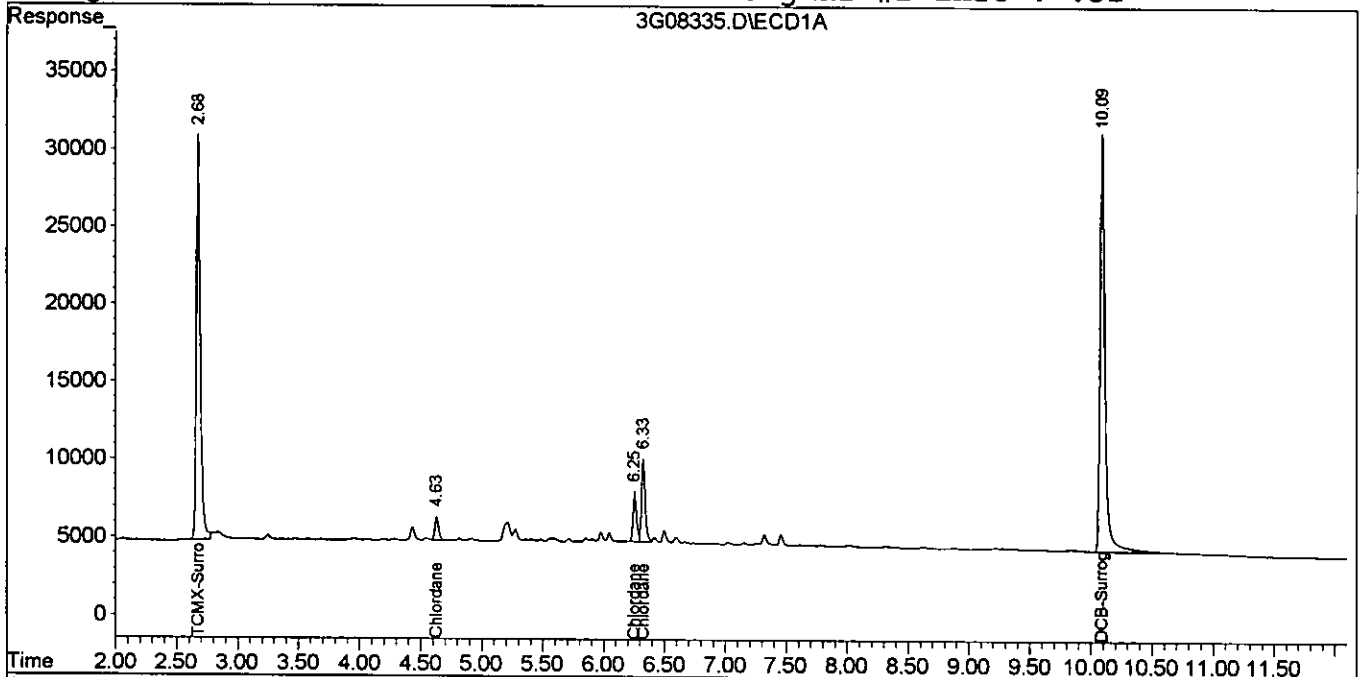
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08335.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08335.D\ECD2B.CH
 Acq On : 3 Aug 2005 12:15 Operator: JK
 Sample : CAL CHLOR@100PPB Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 12:35 2005 Quant Results File: 3G_P0803.RES

001347

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 11:34:48 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08336.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08336.D\ECD2B.CH
 Acq On : 3 Aug 2005 12:31 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:36 2005 Quant Results File: 3G_P0803.RES

001345

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 12:53:04 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.68	2.73	311162	828380	49.394	N.D. #
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	10.09	10.65	385514	1150981	N.D. m	N.D. m
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	7.15	7.24	22000	237958	453.677m	500.000
27) Toxaphene {2}	7.39	7.14	11258	97020	497.821m	488.251m
28) Toxaphene {3}	7.67	7.65	12482	87333	368.363m	500.000 #
29) Toxaphene {4}	8.02	8.44	12460	95637	367.888m	500.000 #
30) Toxaphene {5}	8.49	8.52	13995	66700	449.760m	500.000

08/10/05

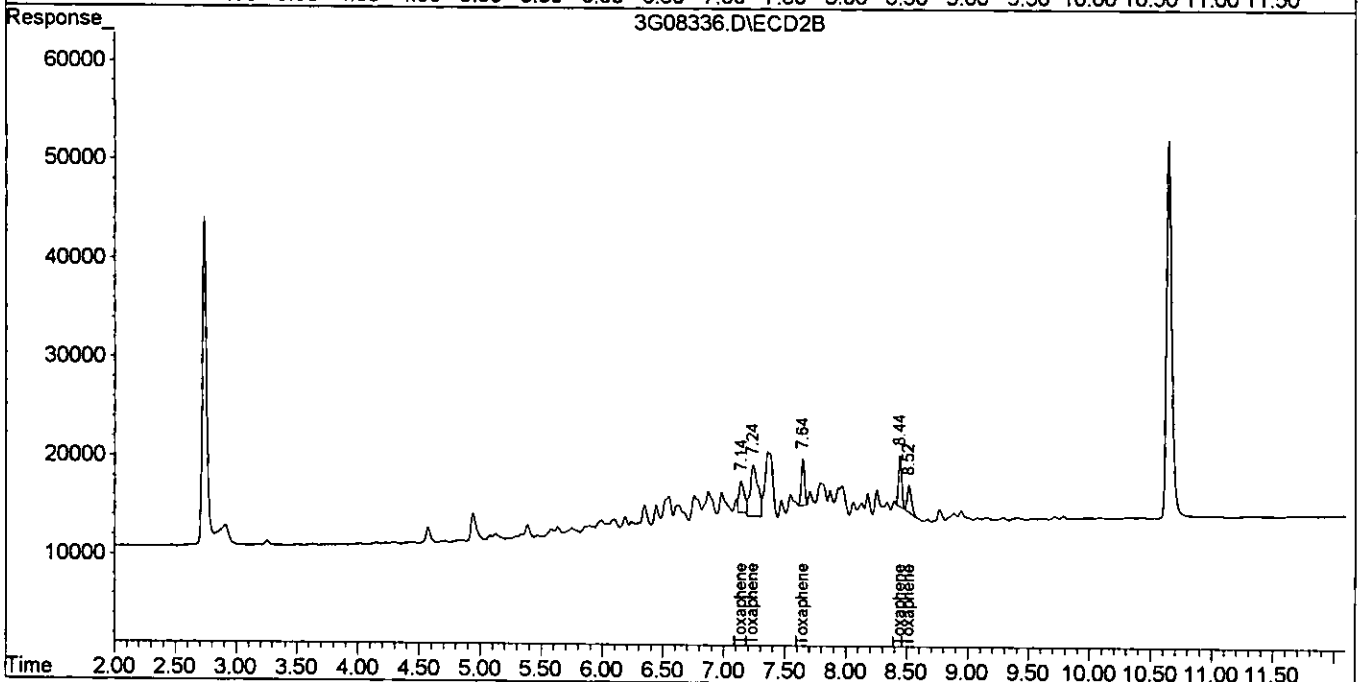
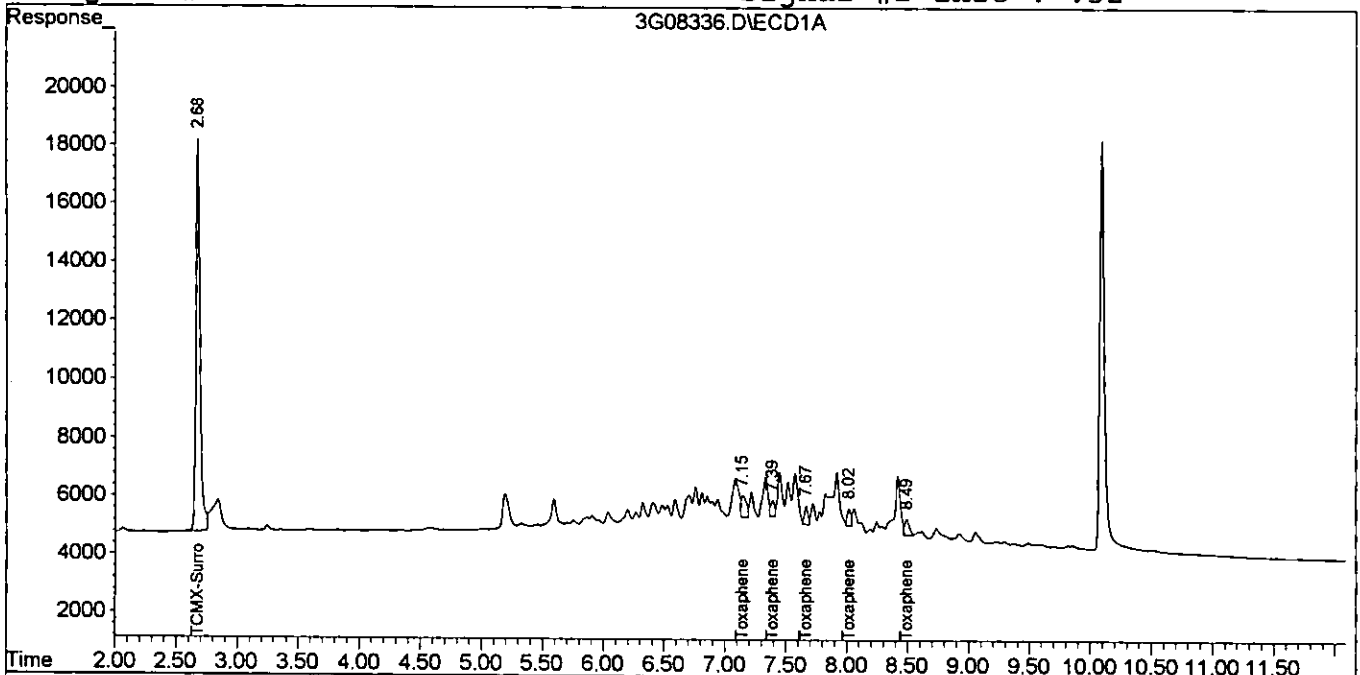
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08336.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08336.D\ECD2B.CH
Acq On : 3 Aug 2005 12:31 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 4 6:36 2005 Quant Results File: 3G_P0803.RES

001345

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 12:53:04 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form 6

Initial Calibration

Instrument: GC_5

Level #	Data File:	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Cal Identifier:	Analysis Date/Time	Calibration Level Concentrations								
								Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	
1	5G03469.D	CAL PEST@2PPB	08/08/05 07:12	2	5G03470.D	CAL PEST@10PPB	08/08/05 07:30	2.00	10.00	50.00	100.0	200.0	400.0	400.0		
3	5G03471.D	CAL PEST@50PPB	08/08/05 07:49	4	5G03472.D	CAL PEST@100PPB	08/08/05 08:08	2.00	10.00	50.00	100.0	200.0	400.0	400.0		
5	5G03473.D	CAL PEST@200PPB	08/08/05 08:27	6	5G03474.D	CAL PEST@400PPB	08/08/05 08:46	2.00	10.00	50.00	100.0	200.0	400.0	400.0		
7	5G03475.D	CAL CHLOR@100PP	08/08/05 09:05	8	5G03476.D	CAL TOXAPH@500P	08/08/05 09:23	2.00	10.00	50.00	100.0	200.0	400.0	400.0		
Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd
Aldrin	2	0	Avg	622.39	663.49	787.78	717.69	675.45	671.06	---	---	690.905	0.999	0.999	0.999	8.2
Heptachlor Epoxide	2	0	Avg	596.41	603.79	689.65	625.98	593.97	585.84	---	---	616.975	0.999	1.00	1.00	6.3
γ-chlordane	2	0	Avg	623.91	612.79	698.45	632.36	600.81	599.70	---	---	628.994	0.999	1.00	1.00	5.9
α-chlordane	2	0	Avg	661.10	616.61	680.99	615.04	582.48	580.26	---	---	623.1014	0.999	1.00	1.00	6.6
Endosulfan I	2	0	Avg	599.76	583.13	656.50	594.82	561.86	557.93	---	---	592.1019	0.999	1.00	1.00	6.0
p,p'-DDE	2	0	Avg	589.32	584.99	690.61	628.21	599.27	597.07	---	---	612.1041	1.00	1.00	1.00	7.1
Dieldrin	2	0	Avg	476.86	500.81	584.71	536.34	516.03	521.94	---	---	523.1056	1.00	1.00	1.00	7.0
Endrin	2	0	Avg	419.97	413.82	468.54	428.33	409.30	416.46	---	---	426.1102	1.00	1.00	1.00	5.1
p,p'-DDD	2	0	Avg	337.68	370.04	417.72	379.28	366.14	365.94	---	---	373.1107	1.00	1.00	1.00	7.0
Endosulfan II	2	0	Avg	432.81	497.64	574.56	518.12	498.79	499.61	---	---	504.1122	1.00	1.00	1.00	9.0
p,p'-DDT	2	0	Avg	368.85	382.42	456.32	420.68	413.78	423.52	---	---	411.1143	1.00	1.00	1.00	7.6
Endrin Aldehyde	2	0	Avg	418.25	414.83	430.32	387.72	376.08	374.18	---	---	400.1160	1.00	1.00	1.00	6.0
Endosulfan Sulfate	2	0	Avg	425.98	431.41	498.18	452.30	441.16	444.02	---	---	449.1174	1.00	1.00	1.00	5.8
Methoxychlor	2	0	Avg	156.30	149.64	171.49	156.09	151.51	154.40	---	---	157.1243	1.00	1.00	1.00	5.0
Endrin Ketone	2	0	Avg	481.61	485.71	584.15	513.45	502.94	505.39	---	---	505.1270	1.00	1.00	1.00	6.8
DCB-Surrogate	2	0	Avg	718.35	600.94	677.46	597.39	565.00	556.97	---	---	619.1431	0.999	0.999	1.00	10
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	32.3	8.61	-1	-1	Lvl=7
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	133	9.94	-1	-1	Lvl=7
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	52.8	10.14	-1	-1	Lvl=7
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	4.40	10.68	-1	-1	Lvl=8
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	2.76	11.34	-1	-1	Lvl=8
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	6.78	11.49	-1	-1	Lvl=8
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	7.02	12.21	-1	-1	Lvl=8
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	6.66	12.28	-1	-1	Lvl=8

Avg Rsd Col 1: 7.2 Avg Rsd Col 2: 7.17

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
 Mr = MultiPeak Analyte (0=single peak analyte, >0=multi peak analyte (i.e. ncb/chlordane etc.))
 Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
 Corr 1 = Correlation Coefficient for linear Fit.
 Corr 2 = Correlation Coefficient for quad Fit.
 ^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level#

All Response Factors = Response Factors / 10000
 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
 Columns: Signal #1 db-1701 ; Signal #2 db-508

TCSTC

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03469.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03469.D\ECD2B.CH
 Acq On : 8-8-05 7:12:09 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 9:16 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	14664700	12752721	2.369	1.976
2) alpha-BHC	8.01	7.62	15962425	15103829	2.358	1.870
3) gamma-BHC	8.53	8.16	14865218	14621180	2.605	2.177
4) beta-BHC	9.42	8.24	7915876	7933248	3.002m	2.605
5) Heptachlor	8.80	8.60	12639670	12141822	2.616	2.578
6) delta-BHC	9.75	8.73	13800668	15425440	2.686	2.305
7) Aldrin	9.17	9.05	13656584	12447931	2.356	2.116
8) Heptachlor Epoxi	9.99	9.74	12415742	11928250	2.654	2.440
9) y-chlordane	10.37	9.94	11746562	12478284	2.238	2.359
10) a-chlordane	10.43	10.14	12043738	13222124	2.262	2.562
11) Endosulfan I	10.33	10.19	11295879	11995337	2.533	2.513
12) p,p'-DDE	10.50	10.41	12592671	11386425	2.190	2.212
13) Dieldrin	10.76	10.56	8762552	9537352	2.055	2.502
14) Endrin	11.01	11.02	8693199	8399537	2.663m	3.072
15) p,p'-DDD	11.42	11.07	7972328	6753632	2.254m	2.270
16) Endosulfan II	11.55	11.22	9546380	8656328	2.347	2.062
17) p,p'-DDT	11.61	11.43	6617021	7377056	2.126m	2.218
18) Endrin Aldehyde	12.03	11.60	6349543	8365171	2.583m	2.969m
19) Endosulfan Sulfa	12.38	11.74	9624732	8519777	2.484m	2.429
20) Methoxychlor	12.26	12.42	3408923	3126122	2.336m	2.499m
21) Endrin Ketone	12.90	12.70	8297563	9232368	2.451m	2.357
22) DCB-Surrogate	13.90	14.31	13856412	14367040	2.280	2.477
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

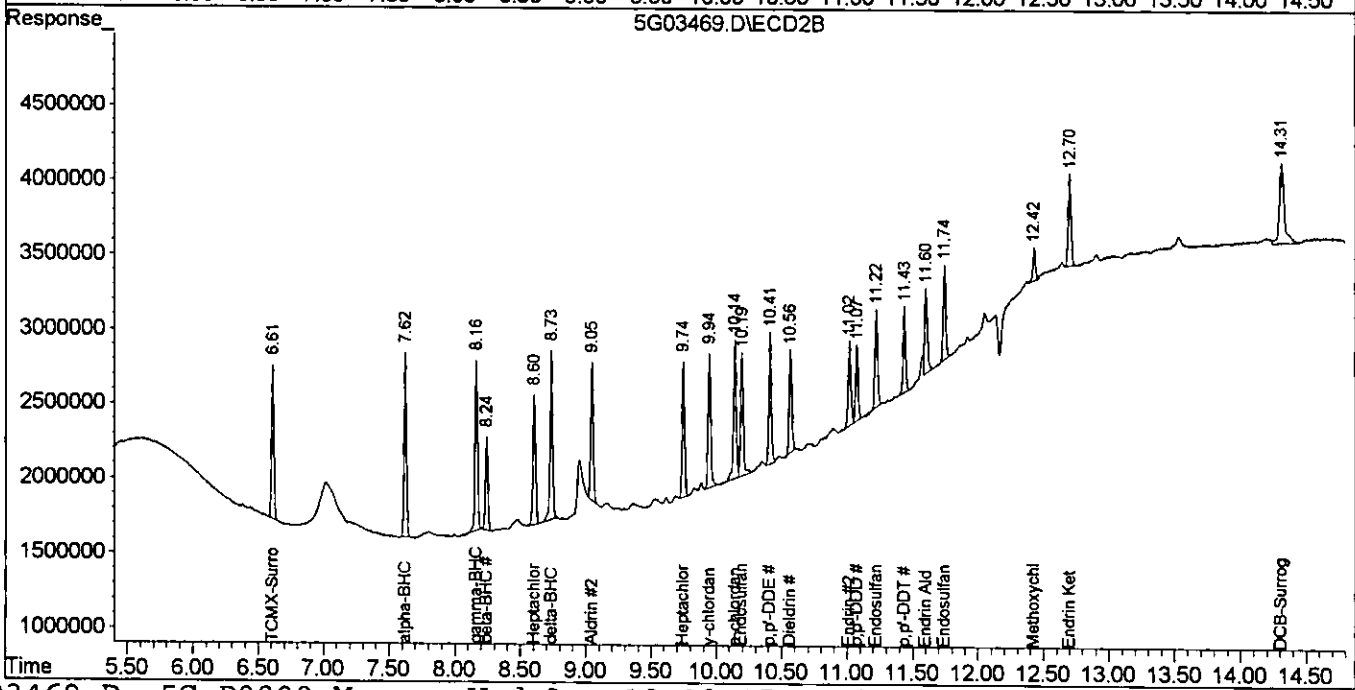
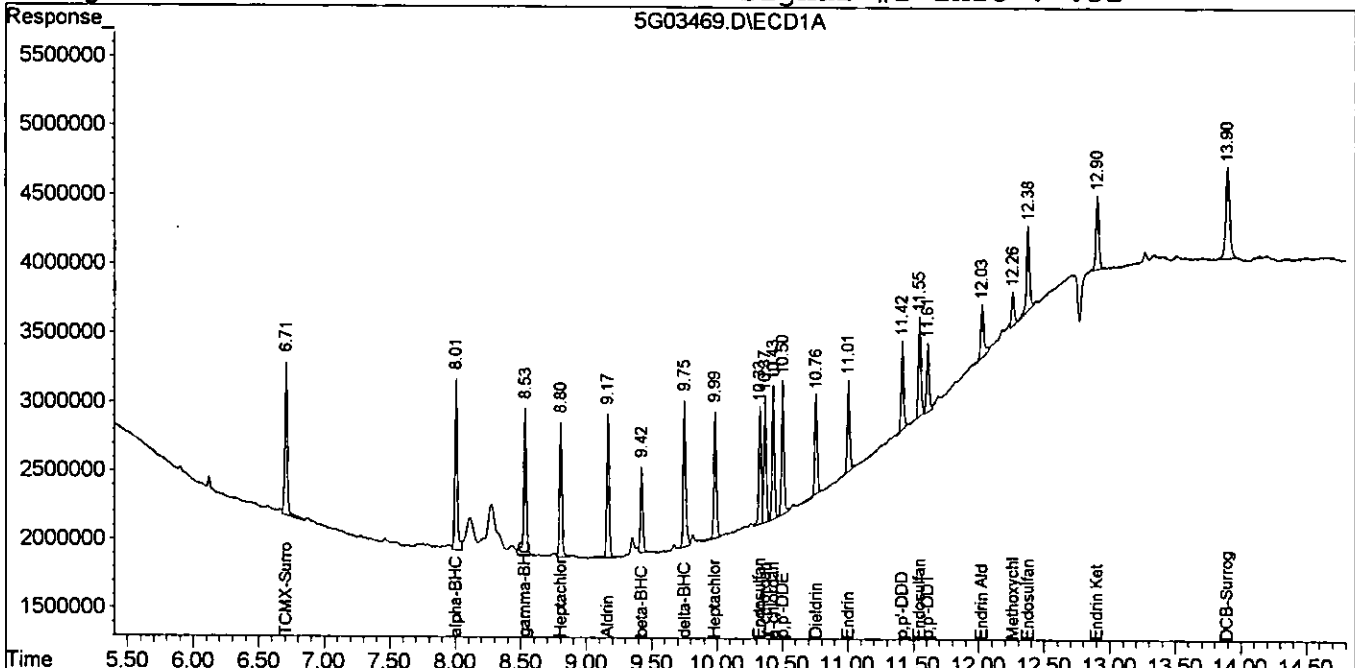
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03469.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03469.D\ECD2B.CH
 Acq On : 8-8-05 7:12:09 Operator: JK
 Sample : CAL PEST@2PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 9:16 2005 Quant Results File: 5G_P0808.RES

000160

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03470.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03470.D\ECD2B.CH
 Acq On : 8-8-05 7:30:57 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:07 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	70973650	64047008	11.468	9.924
2) alpha-BHC	8.00	7.62	78465196	84055992	11.592	10.405
3) gamma-BHC	8.53	8.16	72295529	74863051	12.671	11.148
4) beta-BHC	9.42	8.24	37315773	36322297	14.150	11.925
5) Heptachlor	8.80	8.61	60534139	58477103	12.527	12.414
6) delta-BHC	9.75	8.74	69025388	76031892	13.433	11.360
7) Aldrin	9.16	9.05	70643576	66349753	12.188	11.281
8) Heptachlor Epoxi	9.98	9.75	60043039	60379200	12.836	12.352
9) y-chlordane	10.37	9.94	66774836	61279476	12.723	11.587
10) a-chlordane	10.43	10.14	65250262	61661396	12.257	11.947
11) Endosulfan I	10.33	10.19	57657000	58313372	12.929	12.219
12) p,p'-DDE	10.50	10.41	66832299	58499772	11.625	11.363
13) Dieldrin	10.76	10.57	49947043	50081800	11.712	13.138
14) Endrin	11.00	11.02	46016494	41382075	14.094	15.133
15) p,p'-DDD	11.42	11.07	47260372	37004077	13.364	12.438
16) Endosulfan II	11.55	11.22	50863435	49764827	12.507m	11.855
17) p,p'-DDT	11.61	11.43	35885155	38242616	11.532	11.496
18) Endrin Aldehyde	12.03	11.60	25719204	41483600	10.462m	14.721m#
19) Endosulfan Sulfa	12.37	11.74	43355103	43141480	11.187m	12.302
20) Methoxychlor	12.26	12.43	15155323	14964204	10.386m	11.962
21) Endrin Ketone	12.90	12.70	41322326	48571304	12.204m	12.399
22) DCB-Surrogate	13.90	14.31	64914900	60094045	10.681	10.362
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

02/10/0

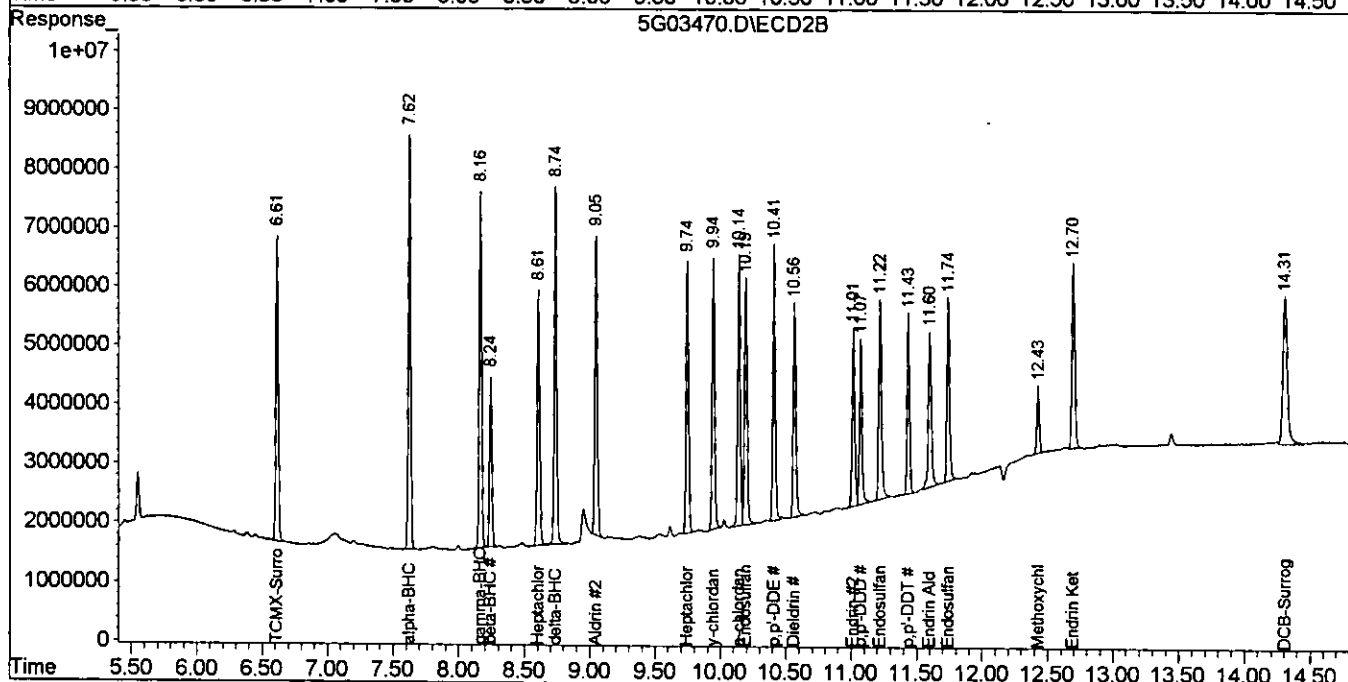
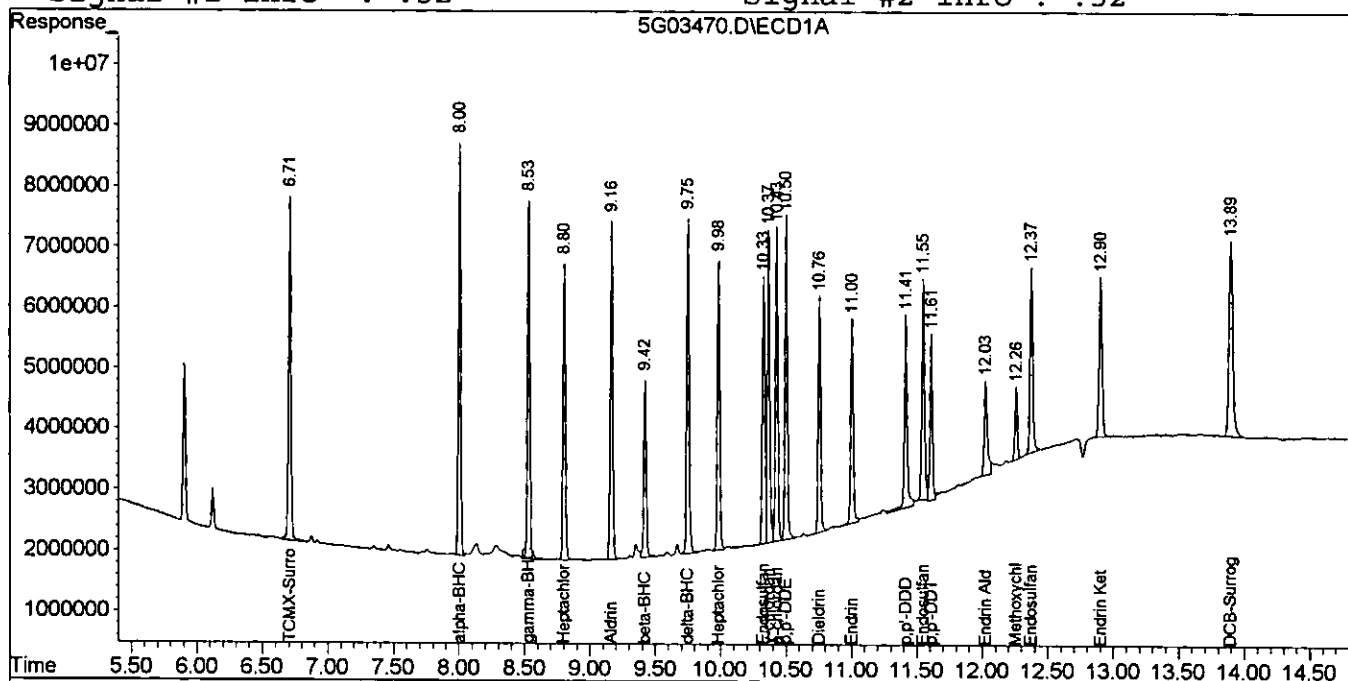
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03470.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03470.D\ECD2B.CH
 Acq On : 8-8-05 7:30:57 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:07 2005 Quant Results File: 5G_P0808.RES

001300

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD2B.CH
 Acq On : 8-8-05 7:49:48 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:08 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	443.6E6	392.9E6	71.669	60.880
2) alpha-BHC	8.00	7.62	470.3E6	502.9E6	69.478	62.252
3) gamma-BHC	8.53	8.16	415.0E6	438.8E6	72.732	65.341
4) beta-BHC	9.42	8.24	193.3E6	191.3E6	73.306	62.794
5) Heptachlor	8.80	8.61	339.3E6	320.6E6	70.225	68.065
6) delta-BHC	9.75	8.74	403.2E6	444.7E6	78.461	66.450
7) Aldrin	9.16	9.05	424.6E6	393.9E6	73.261	66.972
8) Heptachlor Epoxi	9.98	9.74	336.0E6	344.8E6	71.827	70.543
9) y-chlordane	10.36	9.94	378.7E6	349.2E6	72.160	66.034
10) a-chlordane	10.43	10.14	372.9E6	340.5E6	70.053	65.971
11) Endosulfan I	10.33	10.19	329.0E6	328.3E6	73.772	68.780
12) p,p'-DDE	10.50	10.41	398.0E6	345.3E6	69.228	67.072
13) Dieldrin	10.75	10.56	283.0E6	292.4E6	66.373	76.695
14) Endrin	11.00	11.02	249.6E6	234.3E6	76.441	85.670
15) p,p'-DDD	11.41	11.07	238.0E6	208.9E6	67.308	70.204
16) Endosulfan II	11.55	11.22	284.7E6	287.3E6	70.012	68.434
17) p,p'-DDT	11.61	11.43	214.8E6	228.2E6	69.031	68.588
18) Endrin Aldehyde	12.02	11.60	170.4E6	215.2E6	69.327	76.356
19) Endosulfan Sulfa	12.37	11.74	247.3E6	249.1E6	63.802	71.029
20) Methoxychlor	12.26	12.42	90343455	85745084	61.911	68.544
21) Endrin Ketone	12.90	12.70	232.7E6	282.1E6	68.735	72.005
22) DCB-Surrogate	13.89	14.31	388.6E6	338.7E6	63.949	58.407
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

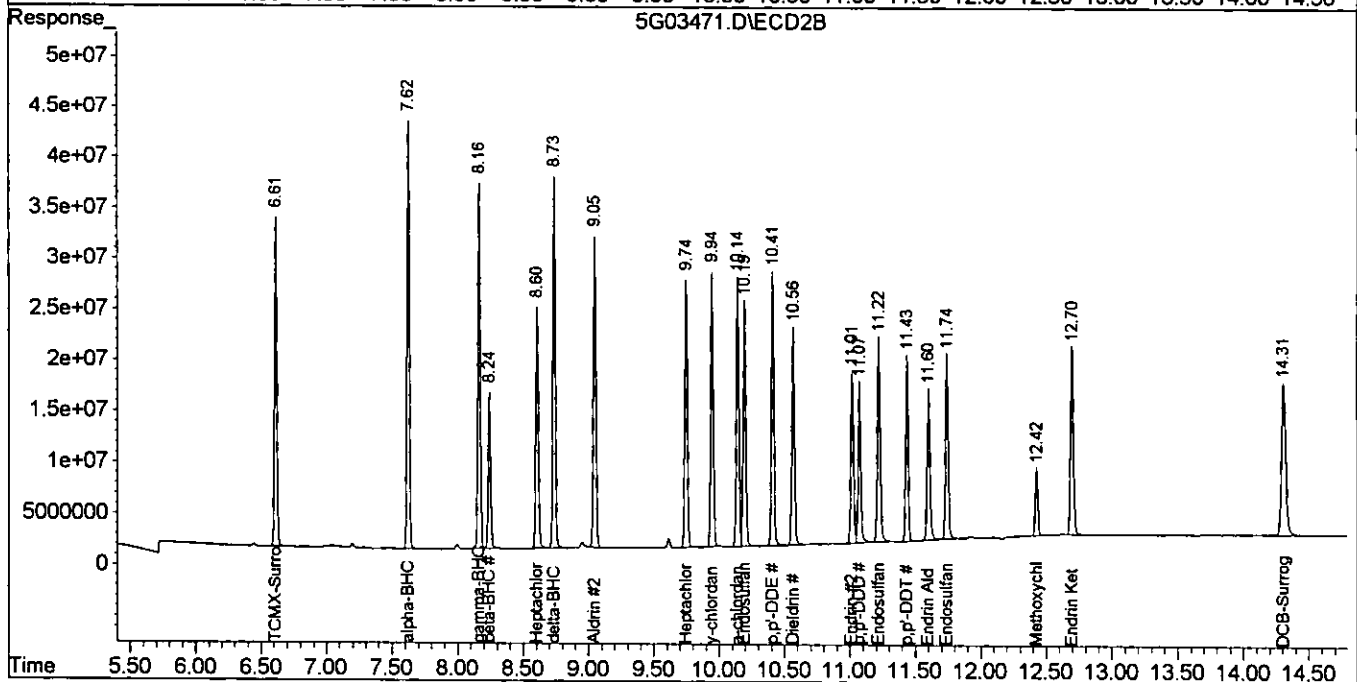
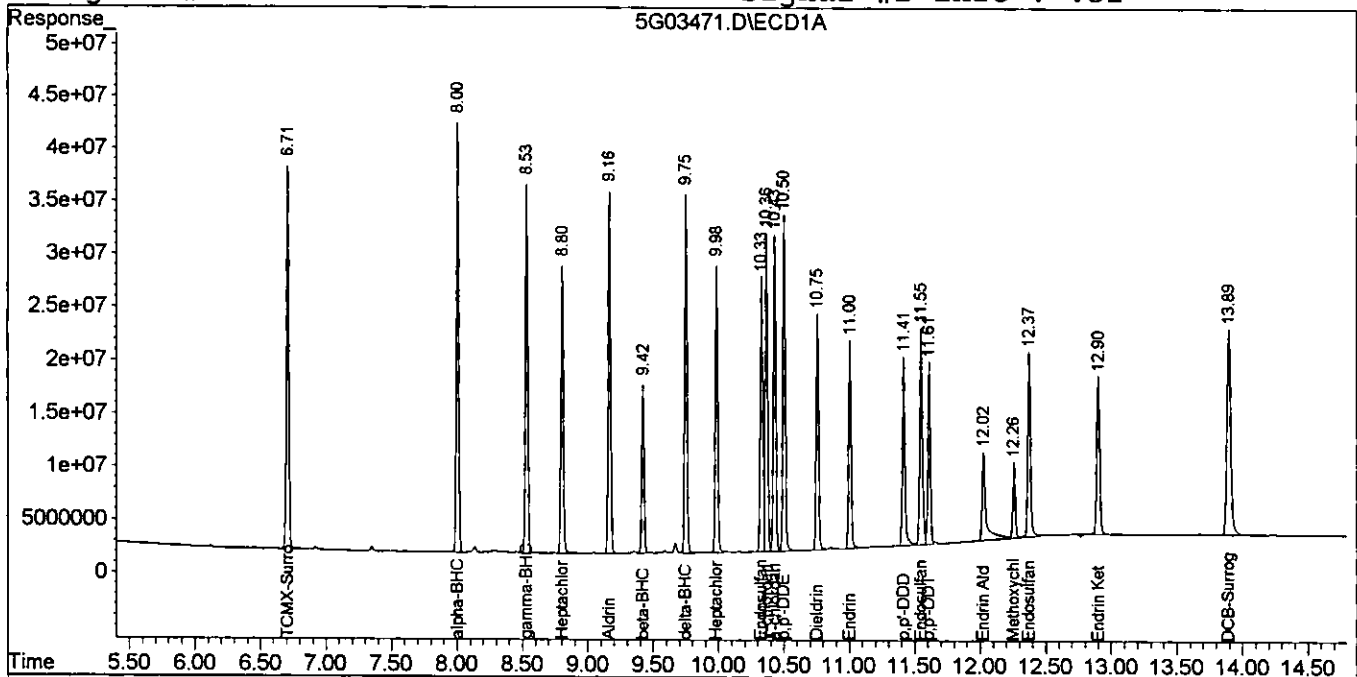
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD2B.CH
 Acq On : 8-8-05 7:49:48 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:08 2005 Quant Results File: 5G_P0808.RES

50100

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD2B.CH
 Acq On : 8-8-05 8:08:35 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:35 2005 Quant Results File: 5G_P0808.RES

001376

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	800.8E6	717.4E6	129.392	111.150
2) alpha-BHC	8.00	7.62	915.5E6	946.4E6	135.256	117.158
3) gamma-BHC	8.53	8.16	771.3E6	802.2E6	135.180	119.449
4) beta-BHC	9.42	8.24	346.3E6	341.7E6	131.300	112.188
5) Heptachlor	8.80	8.61	611.1E6	580.0E6	126.453	123.129
6) delta-BHC	9.75	8.74	741.5E6	808.9E6	144.303	120.853
7) Aldrin	9.16	9.05	779.4E6	717.7E6	134.462	122.027
8) Heptachlor Epoxi	9.98	9.75	610.7E6	626.0E6	130.548	128.059
9) y-chlordane	10.36	9.94	694.3E6	632.4E6	132.300	119.573
10) a-chlordane	10.43	10.14	679.3E6	615.0E6	127.599	119.163
11) Endosulfan I	10.33	10.19	597.7E6	594.8E6	134.033	124.637
12) p,p'-DDE	10.50	10.41	726.9E6	628.2E6	126.440	122.025
13) Dieldrin	10.75	10.56	513.4E6	536.3E6	120.382	140.701
14) Endrin	11.00	11.02	450.1E6	428.3E6	137.865	156.633
15) p,p'-DDD	11.41	11.07	424.2E6	379.3E6	119.939	127.488
16) Endosulfan II	11.55	11.22	515.2E6	518.1E6	126.692	123.424
17) p,p'-DDT	11.61	11.43	403.7E6	420.7E6	129.726	126.461
18) Endrin Aldehyde	12.02	11.60	315.7E6	387.7E6	128.423	137.594
19) Endosulfan Sulfa	12.37	11.74	448.8E6	452.3E6	115.806	128.974
20) Methoxychlor	12.26	12.43	165.1E6	156.1E6	113.124	124.785
21) Endrin Ketone	12.90	12.70	416.3E6	513.5E6	122.961	131.069
22) DCB-Surrogate	13.89	14.31	693.9E6	597.4E6	114.174	103.007
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

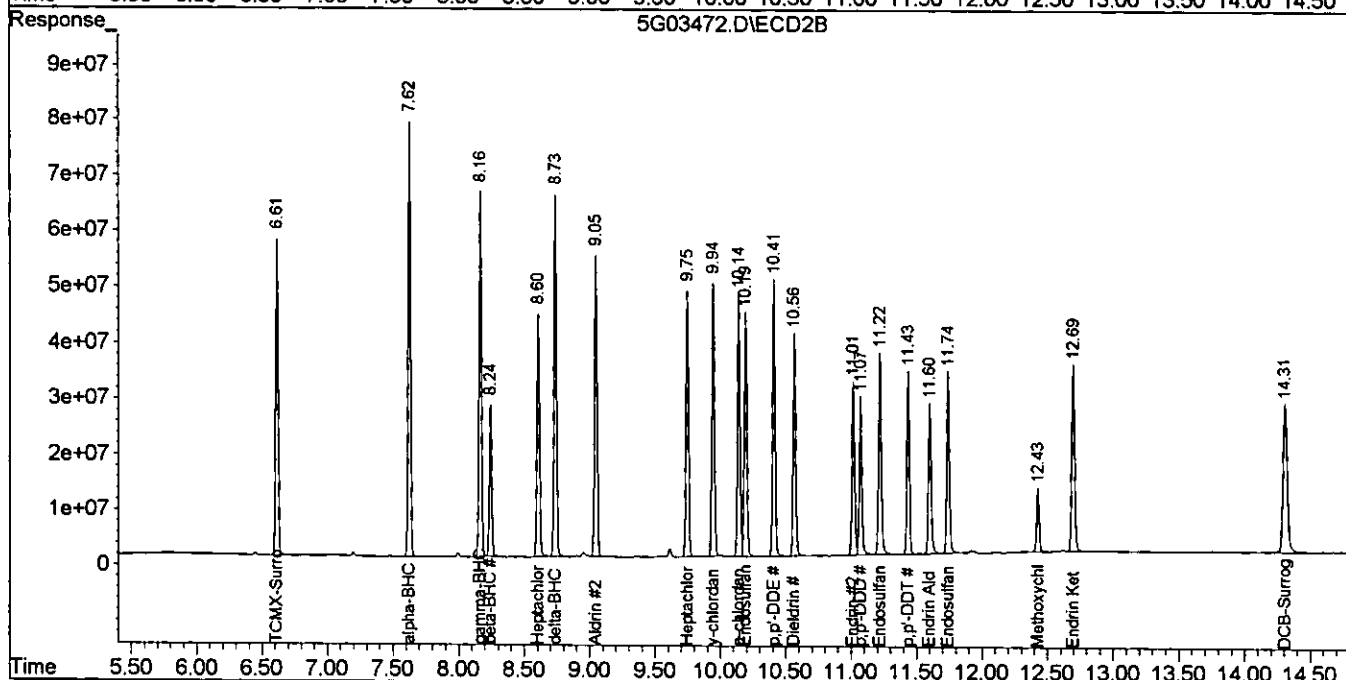
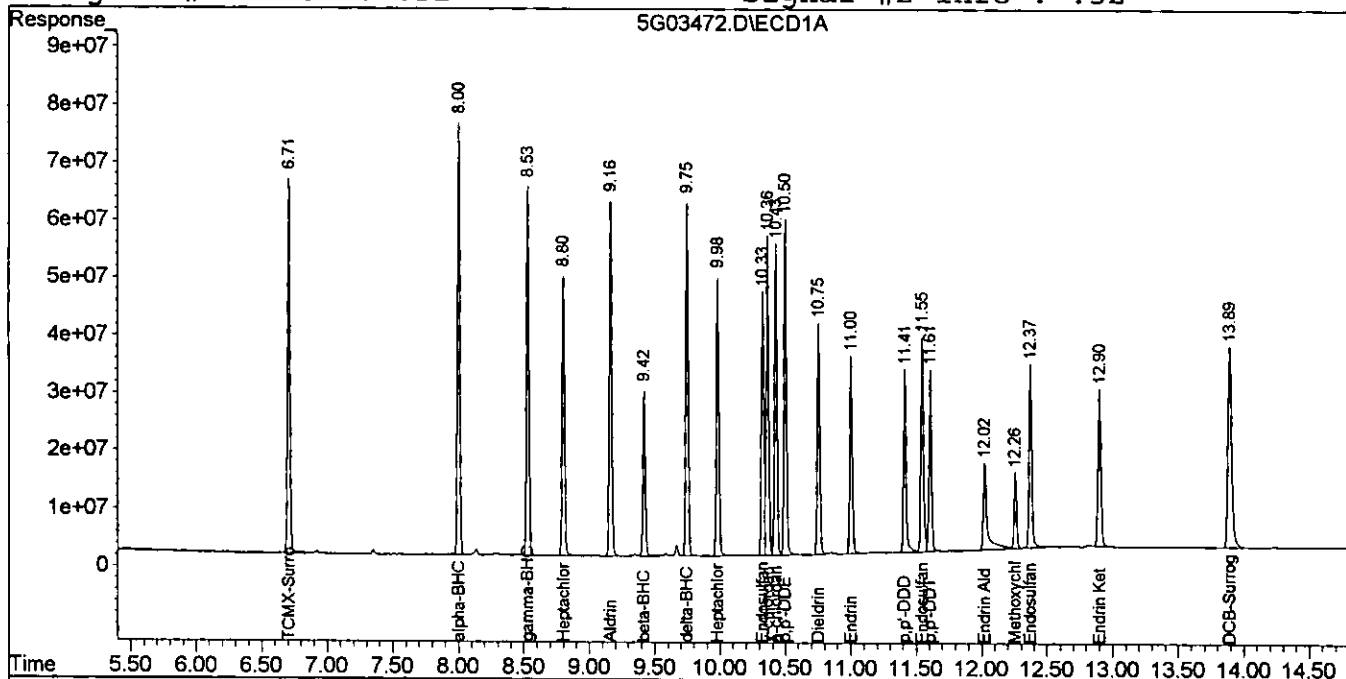
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD2B.CH
 Acq On : 8-8-05 8:08:35 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:35 2005 Quant Results File: 5G_P0808.RES

001359

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD2B.CH
 Acq On : 8-8-05 8:27:20 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:43 2005 Quant Results File: 5G_P0808.RES

001300

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 08:35:37 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	1486.9E6	1320.0E6	240.254	204.523
2) alpha-BHC	8.00	7.62	1754.0E6	1776.6E6	259.126	219.921
3) gamma-BHC	8.53	8.16	1463.7E6	1509.6E6	256.531	224.795
4) beta-BHC	9.42	8.24	653.3E6	637.2E6	247.735	209.185
5) Heptachlor	8.80	8.61	1136.9E6	1080.3E6	235.269	229.334
6) delta-BHC	9.75	8.74	1421.7E6	1535.4E6	276.674	229.408
7) Aldrin	9.16	9.05	1477.2E6	1350.9E6	254.860	229.691
8) Heptachlor Epoxi	9.98	9.75	1158.2E6	1187.9E6	247.603	243.021
9) y-chlordane	10.37	9.94	1328.9E6	1201.6E6	253.199	227.213
10) a-chlordane	10.43	10.14	1293.5E6	1165.0E6	242.977	225.709
11) Endosulfan I	10.33	10.19	1136.8E6	1123.7E6	254.926	235.459
12) p,p'-DDE	10.50	10.41	1393.3E6	1198.6E6	242.361	232.806
13) Dieldrin	10.75	10.56	977.2E6	1032.1E6	229.144	270.743
14) Endrin	11.00	11.02	853.6E6	818.6E6	261.439	299.348
15) p,p'-DDD	11.41	11.07	810.3E6	732.3E6	229.140	246.144
16) Endosulfan II	11.55	11.22	994.1E6	997.6E6	244.431	237.638
17) p,p'-DDT	11.61	11.43	811.8E6	827.6E6	260.881	248.779
18) Endrin Aldehyde	12.02	11.60	609.8E6	752.2E6	248.051	266.925
19) Endosulfan Sulfa	12.37	11.74	874.9E6	882.3E6	225.762	251.597
20) Methoxychlor	12.26	12.43	320.1E6	303.0E6	219.377	242.236
21) Endrin Ketone	12.90	12.70	806.5E6	1004.1E6	238.195	256.311
22) DCB-Surrogate	13.90	14.31	1324.4E6	1130.0E6	217.920	194.845
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

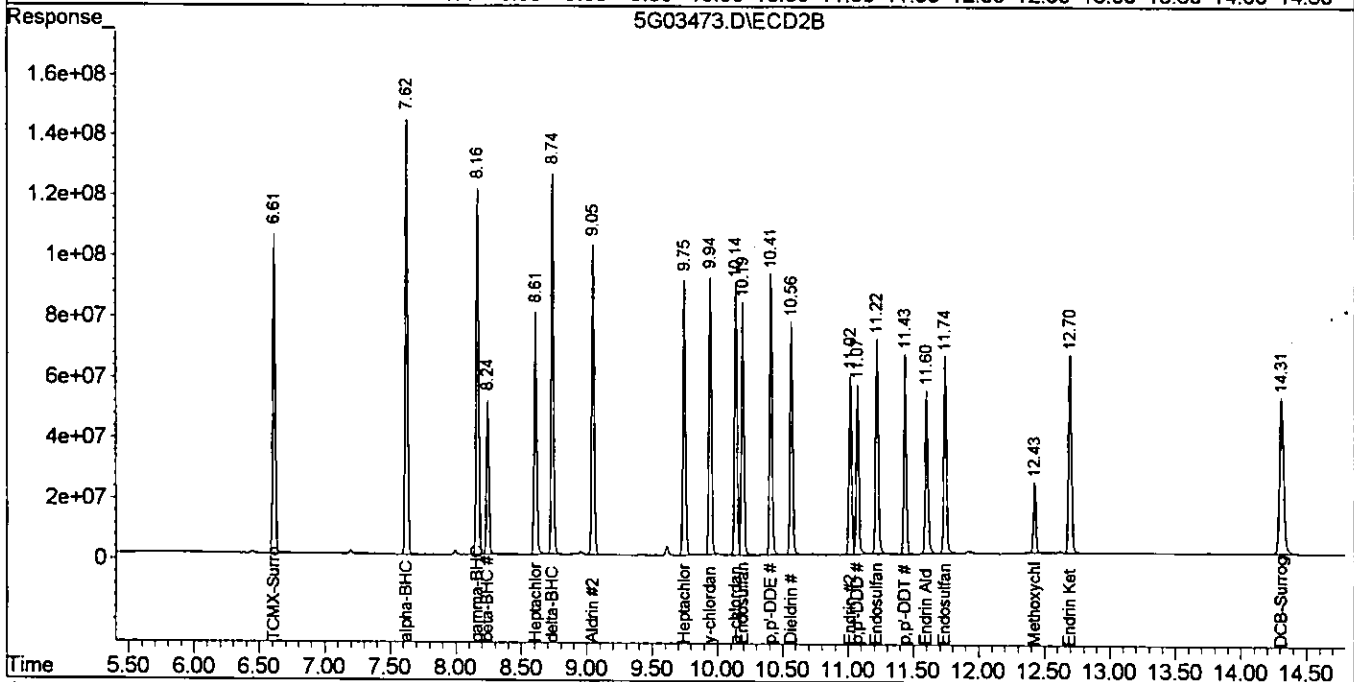
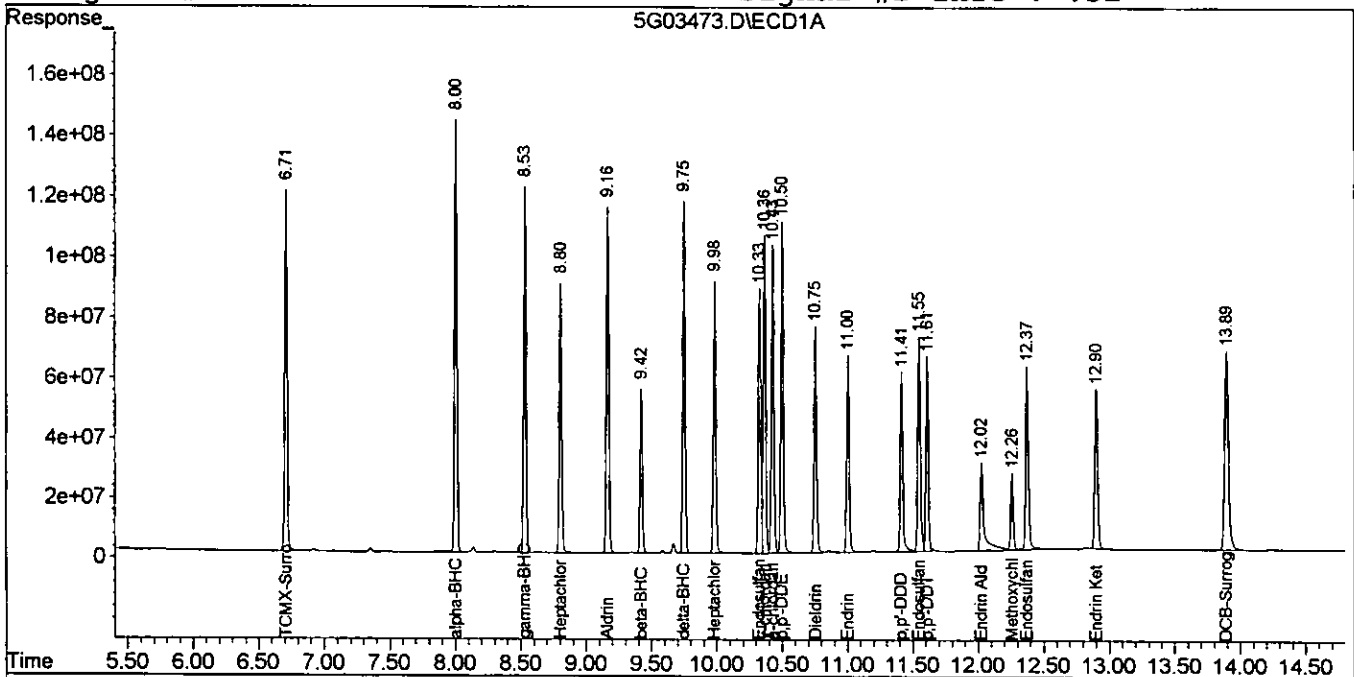
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD2B.CH
 Acq On : 8-8-05 8:27:20 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 8:43 2005 Quant Results File: 5G_P0808.RES

108100

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 08:35:37 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD2B.CH
 Acq On : 8-8-05 8:46:10 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 9:04 2005 Quant Results File: 5G_P0808.RES

00100
2005

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 08:35:37 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	2945.4E6	2597.4E6	475.896	402.453
2) alpha-BHC	8.00	7.62	3548.3E6	3526.1E6	524.209	436.502
3) gamma-BHC	8.53	8.16	2957.4E6	3005.8E6	518.335	447.585
4) beta-BHC	9.42	8.24	1310.0E6	1260.7E6	496.750	413.887
5) Heptachlor	8.80	8.61	2241.1E6	2135.8E6	463.774	453.394
6) delta-BHC	9.75	8.74	2871.3E6	3058.4E6	558.771	456.971
7) Aldrin	9.16	9.05	2962.0E6	2684.2E6	511.026	456.392
8) Heptachlor Epoxi	9.98	9.75	2286.9E6	2343.4E6	488.896	479.396
9) y-chlordane	10.37	9.94	2672.0E6	2398.8E6	509.126	453.584
10) a-chlordane	10.43	10.14	2591.6E6	2321.1E6	486.812	449.699
11) Endosulfan I	10.33	10.19	2265.6E6	2231.8E6	508.043	467.627
12) p,p'-DDE	10.50	10.41	2784.2E6	2388.3E6	484.291	463.898
13) Dieldrin	10.75	10.57	1944.1E6	2087.8E6	455.874	547.687
14) Endrin	11.00	11.02	1711.2E6	1665.9E6	524.140	609.179
15) p,p'-DDD	11.41	11.07	1591.7E6	1463.8E6	450.071	492.014
16) Endosulfan II	11.55	11.22	1997.6E6	1998.5E6	491.197	476.053
17) p,p'-DDT	11.61	11.43	1724.9E6	1694.1E6	554.303	509.259
18) Endrin Aldehyde	12.02	11.60	1204.1E6	1496.8E6	489.788	531.159
19) Endosulfan Sulfa	12.37	11.74	1752.4E6	1776.1E6	452.181	506.447
20) Methoxychlor	12.26	12.43	653.1E6	617.6E6	447.549	493.738
21) Endrin Ketone	12.90	12.70	1603.7E6	2021.6E6	473.658	516.043
22) DCB-Surrogate	13.89	14.31	2630.4E6	2227.9E6	432.822	384.155
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

02/10/01

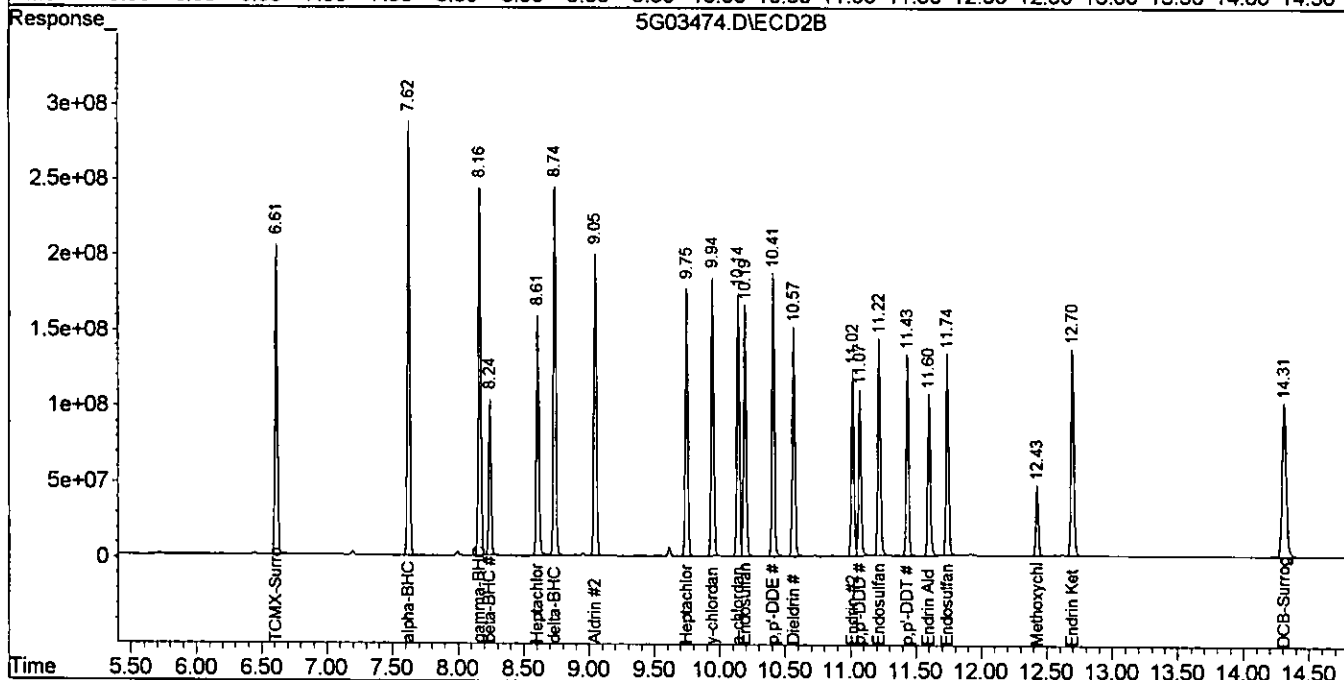
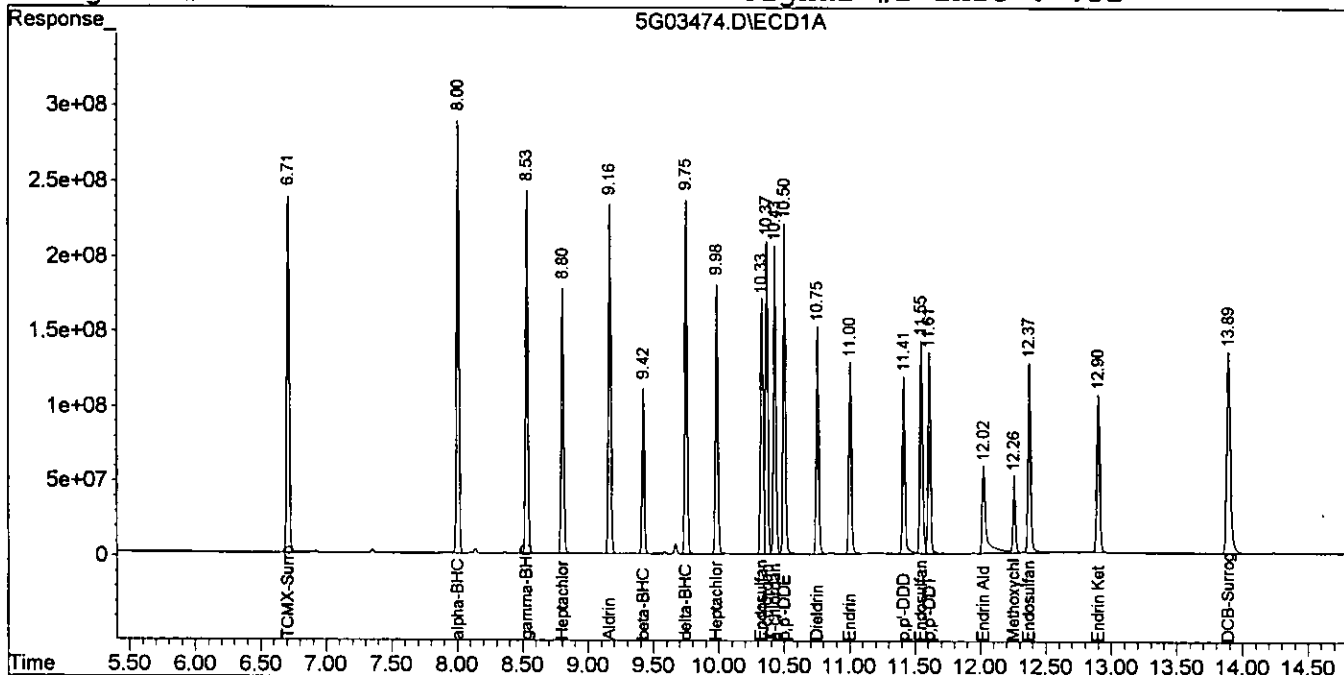
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD2B.CH
 Acq On : 8-8-05 8:46:10 Operator: JK
 Sample : CAL PEST@400PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 9:04 2005 Quant Results File: 5G_P0808.RES

001905

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 08:35:37 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD2B.CH
 Acq On : 8-8-05 9:05:03 Operator: JK
 Sample : CAL CHLOR@100PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 9:30 2005 Quant Results File: 5G_P0808.RES

00100

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 09:08:42 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	735.6E6	661.9E6	96.318	97.492
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	13.89	14.31	640.8E6	549.3E6	93.962	90.147
23) Chlordane {1}	8.80	8.61	34518988	32264719	101.941	100.076
24) Chlordane {2}	10.36	9.94	74020822	133.4E6	96.104	98.598m
25) Chlordane {3}	10.43	10.14	113.5E6	52753833	99.601	99.193
26) Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27) Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28) Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29) Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30) Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/10/05

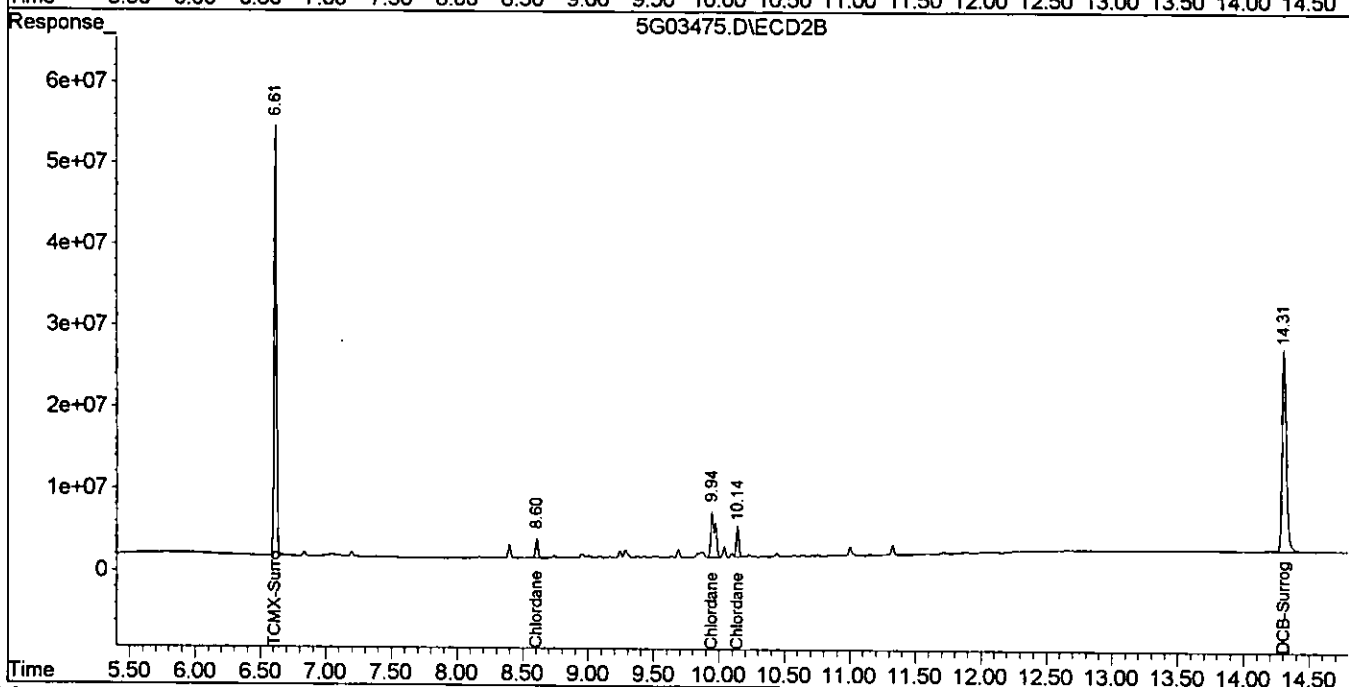
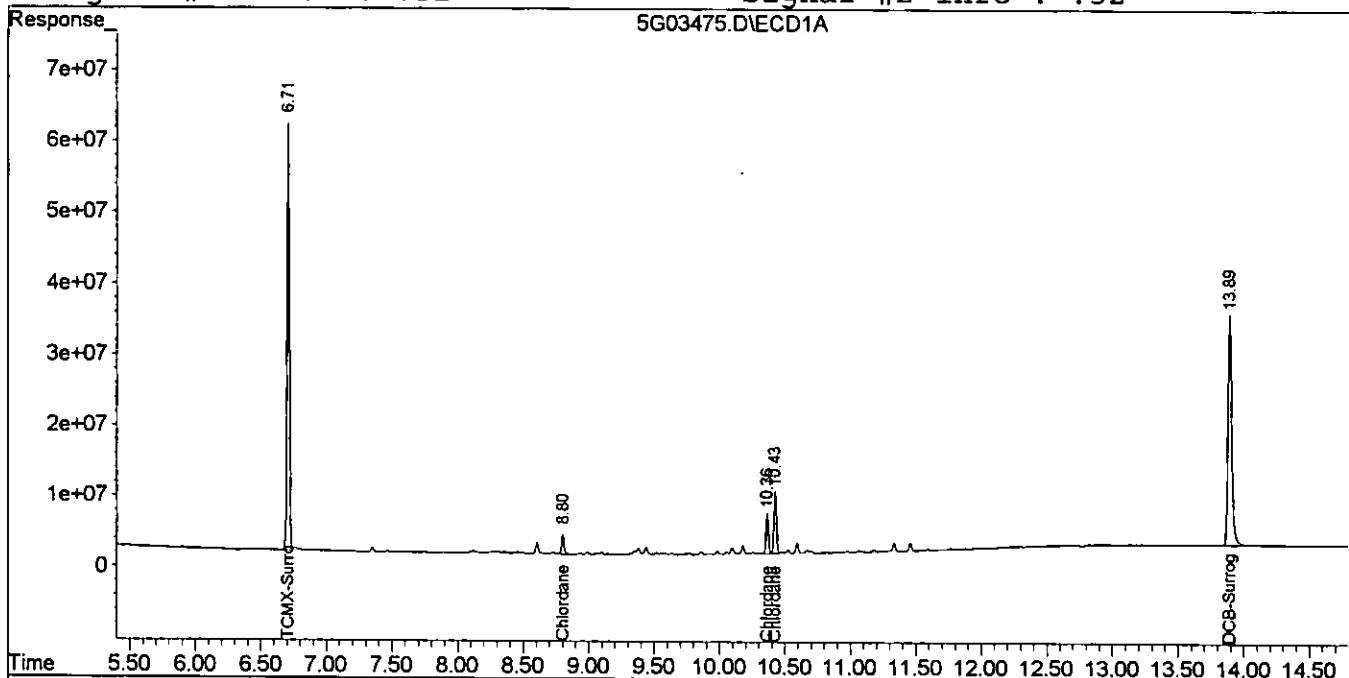
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD2B.CH
Acq On : 8-8-05 9:05:03 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 9:30 2005 Quant Results File: 5G_P0808.RES

001305

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:08:42 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD1A.CH Vial: 10
 Acq On : 8-8-05 9:23:53 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_5
 Misc : S, PEST Multiplr: 1.00
 IntFile : PEST1.E

001300

Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD2B.CH Vial: 10
 Acq On : 8-8-05 9:23:52 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_5
 Misc : S, PEST Multiplr: 1.00
 IntFile : Pest2.e

Quant Time: Aug 8 9:56 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 09:55:48 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

08/10/02

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	374.7E6	329.1E6	55.975	55.429
2) alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3) gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4) beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5) Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6) delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7) Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8) Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9) y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10) a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11) Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12) p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13) Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14) Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15) p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16) Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17) p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18) Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19) Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20) Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21) Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22) DCB-Surrogate	13.89	14.31	323.5E6	279.1E6	53.953	51.792
23) Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24) Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25) Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26) Toxaphene {1}	10.44	10.68	16058475	22002623	500.000	491.259m
27) Toxaphene {2}	11.45	11.34	42366676	13801540	500.000	488.363m
28) Toxaphene {3}	11.58	11.49	52050144	33885544	500.000	422.762
29) Toxaphene {4}	11.87	12.21	37893869	35080266	572.355m	500.000
30) Toxaphene {5}	12.32	12.28	45095246	33315735	525.567m	500.000

Quantitation Report

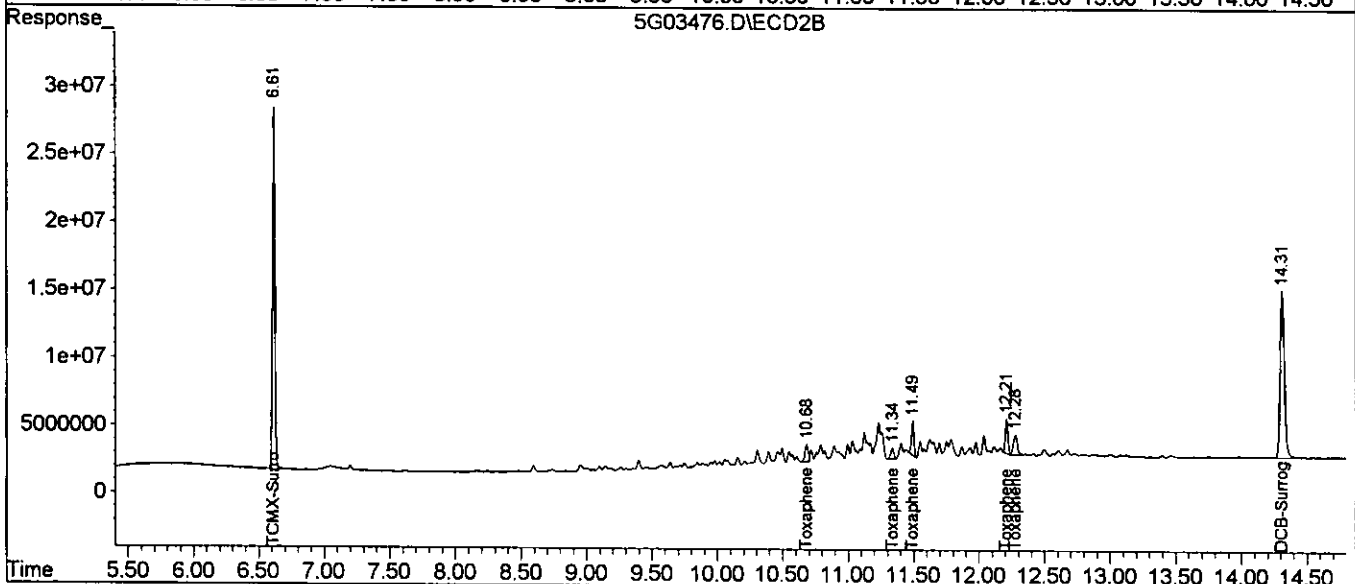
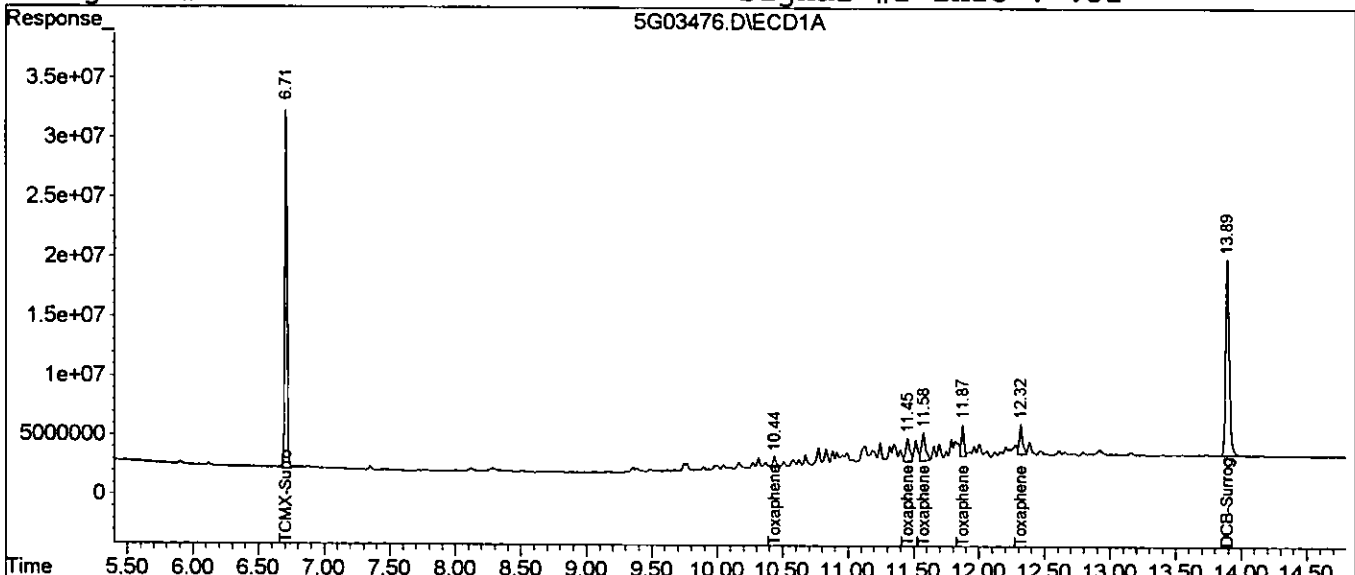
Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD1A.CH Vial: 10
Acq On : 8-8-05 9:23:53 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : PEST1.E

001366

Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD2B.CH Vial: 10
Acq On : 8-8-05 9:23:52 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 8 9:56 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:55:48 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form7
Continuing Calibration

001308

Data File:
Method:
Calibration Name:
Calibration Date/Time

Compound	Limit	Col	Mr	3G08303.D 8081 CAL PEST@100PP 08/03/05 00:55			3G08326.D 8081 CAL PEST@100PP 08/03/05 09:44			3G08349.D 8081 CAL PEST@100PP 08/03/05 23:50			3G08369.D 8081 CAL PEST@100PP 08/04/05 06:16			3G08377.D 8081 CAL PEST@200PP 08/04/05 08:54		
				Conc			Conc			Conc			Conc			Conc		
				Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	107.5	100	7.4	96.14	100	3.9	109.5	100	9.5	106.3	100	6.3	228.1	200	14.0
alpha-BHC	15	1	0	110.1	100	10.1	95.23	100	4.8	110.5	100	10.4	108.4	100	8.4	228.1	200	14.1
gamma-BHC	15	1	0	114	100	13.9	99.67	100	0.3	112.3	100	12.3	111.8	100	11.8	229.1	200	14.6
beta-BHC	15	1	0	114.4	100	14.3	107.1	100	7.1	112.1	100	12.1	107.5	100	7.5	219.4	200	9.7
Heptachlor	15	1	0	114	100	14.0	101.2	100	1.2	112.4	100	12.4	111.2	100	11.2	215.8	200	7.9
delta-BHC	15	1	0	112.6	100	12.6	112.3	100	12.3	108.8	100	8.8	109.9	100	9.9	228.9	200	14.4
Aldrin	15	1	0	109.4	100	9.4	97.73	100	2.3	112	100	12.0	110.8	100	10.8	228	200	14.0
Heptachlor Epoxide	15	1	0	106.6	100	6.6	94.57	100	5.4	110.4	100	10.4	109.9	100	9.9	220.7	200	10.4
gamma-chlordane	15	1	0	105.4	100	5.4	92.72	100	7.3	110.8	100	10.8	111.0	100	11.0	232.7	200	16.4*
alpha-chlordane	15	1	0	103.5	100	3.5	91.68	100	8.3	109.4	100	9.4	109.1	100	9.1	220.7	200	10.4
Endosulfan I	15	1	0	103.6	100	3.6	93.28	100	6.7	117.7	100	17.7*	113.6	100	13.6	201.3	200	0.7
p,p'-DDE	15	1	0	106.6	100	6.6	96.02	100	4.0	110.3	100	10.3	111.5	100	11.5	222.2	200	11.1
Dieldrin	15	1	0	111.2	100	11.2	103	100	3.0	109.1	100	9.1	111.9	100	11.9	228.6	200	14.3
Endrin	15	1	0	112.8	100	12.8	103.9	100	3.9	107.4	100	7.4	110.9	100	10.9	224.3	200	12.1
p,p'-DDD	15	1	0	106.6	100	6.6	105	100	5.0	101.7	100	1.7	109.1	100	9.1	228.7	200	14.3
Endosulfan II	15	1	0	99.24	100	0.8	91.87	100	8.1	108.6	100	8.6	109.8	100	9.8	219.5	200	9.8
p,p'-DDT	15	1	0	90.25	100	9.8	85	100	15.0	105.8	100	5.8	101.5	100	1.5	188.5	200	5.8
Endrin Aldehyde	15	1	0	100.9	100	0.9	98.96	100	1.0	105.1	100	5.1	107.2	100	7.2	194	200	3.0
Endosulfan Sulfate	15	1	0	103.2	100	3.2	97.78	100	2.2	106.8	100	6.8	111.5	100	11.5	222.5	200	11.3
Methoxychlor	15	1	0	105	100	5.0	106.9	100	6.9	103.4	100	3.4	99.89	100	0.1	198	200	1.0
Endrin Ketone	15	1	0	104.2	100	4.2	97.31	100	2.7	111	100	10.9	115.4	100	15.4	233.4	200	16.7*
DCB-Surrogate	15	1	0	104.5	100	4.5	104.8	100	4.8	102.8	100	2.8	106.6	100	6.6	156.0	200	22.0*
Average Difference	15	1	0			7.6			5.3			9.0			9.3			11.3
TCMX-Surrogate	15	2	0	114.6	100	14.6	108.8	100	8.8	106.2	100	6.2	107.7	100	7.7	228.2	200	14.1
alpha-BHC	15	2	0	116.7	100	16.7*	110.2	100	10.2	100.7	100	0.7	103.1	100	3.1	219.7	200	9.9
gamma-BHC	15	2	0	113.8	100	13.8	108.8	100	8.8	97.4	100	2.6	100.4	100	0.4	204.6	200	2.3
beta-BHC	15	2	0	115.8	100	15.8*	110.7	100	10.7	106.3	100	6.3	111.7	100	11.7	230.4	200	15.2
Heptachlor	15	2	0	115.7	100	15.7*	113.1	100	13.1	92.89	100	7.1	95	100	5.0	196.7	200	1.6
delta-BHC	15	2	0	113.3	100	13.3	113.1	100	13.1	100.6	100	0.6	106.7	100	6.7	224.3	200	12.2
Aldrin	15	2	0	110.7	100	10.7	104.4	100	4.4	96.41	100	3.6	99.18	100	0.8	205.4	200	2.7
Heptachlor Epoxide	15	2	0	106	100	6.0	102.3	100	2.3	99.08	100	0.9	102.8	100	2.8	207.0	200	3.5
gamma-chlordane	15	2	0	101.6	100	1.6	98.78	100	1.2	99.02	100	1.0	103.5	100	3.5	207.6	200	3.8
alpha-chlordane	15	2	0	106.1	100	6.1	99.77	100	0.2	105.9	100	5.9	109.6	100	9.6	209.9	200	5.0
Endosulfan I	15	2	0	107.3	100	7.3	102.7	100	2.7	100.4	100	0.4	105	100	5.0	221.5	200	10.8
p,p'-DDE	15	2	0	105.0	100	5.0	103.6	100	3.6	100.9	100	0.9	104.8	100	4.8	210.4	200	5.2
Dieldrin	15	2	0	107.3	100	7.3	105.3	100	5.3	99.44	100	0.6	104.8	100	4.8	212.9	200	6.4
Endrin	15	2	0	111.2	100	11.2	111.5	100	11.5	96.8	100	3.2	105.3	100	5.3	212.4	200	6.2
p,p'-DDD	15	2	0	107.1	100	7.1	108.9	100	8.9	99.32	100	0.7	108.5	100	8.5	231.6	200	15.8*
Endosulfan II	15	2	0	102.1	100	2.1	100.4	100	0.4	99.13	100	0.9	104.3	100	4.3	210.0	200	5.0
p,p'-DDT	15	2	0	104	100	4.0	108.1	100	8.1	93.21	100	6.8	97.85	100	2.2	188.1	200	5.9
Endrin Aldehyde	15	2	0	117.8	100	17.8*	108.1	100	8.1	103.1	100	3.1	108.0	100	8.0	197.1	200	1.4
Endosulfan Sulfate	15	2	0	96.66	100	3.3	99.98	100	0.0	98.71	100	1.3	103.2	100	3.2	207.5	200	3.8
Methoxychlor	15	2	0	100.3	100	0.3	117.7	100	17.7*	89.33	100	10.7	100.2	100	0.2	195.7	200	2.1
Endrin Ketone	15	2	0	95.04	100	5.0	96.02	100	4.0	99.71	100	0.3	106.5	100	6.5	208.8	200	4.4
DCB-Surrogate	15	2	0	103.9	100	3.9	107.3	100	7.3	95.43	100	4.6	103.2	100	3.2	144.5	200	27.8*
Average Difference	15	2	0			8.6			6.8			3.1			4.9			7.5

Flags/Notes: * - Values outside of limits for this column/run

Columns: Col1 db-1701 : Col2 db-17

Form7
Continuing Calibration

Data File:
Method:
Calibration Name:
Calibration Date/Time

Compound	Limit	Col	Mr	3G08412.D			3G08430.D			3G08457.D			3G08479.D			5G03421.D		
				8081			8081			8081			8081			8081		
				CAL PEST@100PP 08/05/05 07:56			CAL PEST@200PP 08/05/05 13:47			CAL PEST@50PPB 08/08/05 06:08			CAL PEST@100PP 08/08/05 13:20			CAL PEST@100PP 08/04/05 05:36		
			Conc			Conc			Conc			Conc			Conc			
			Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	
TCMX-Surrogate	15	1	0	101.4	100	1.4	216.1	200	8.0	55.94	50	11.9	99.95	100	0.1	109.0	100	9.0
alpha-BHC	15	1	0	99.8	100	0.2	221.3	200	10.7	51.49	50	3.0	99.83	100	0.2	102.9	100	2.9
gamma-BHC	15	1	0	99.85	100	0.2	222.7	200	11.4	52.32	50	4.6	97.92	100	2.1	101.1	100	1.1
beta-BHC	15	1	0	113	100	13.0	208	200	4.0	54.5	50	9.0	106.4	100	6.4	98.34	100	1.7
Heptachlor	15	1	0	102.3	100	2.3	218.6	200	9.3	53.28	50	6.6	99.3	100	0.7	106.4	100	6.4
delta-BHC	15	1	0	98.26	100	1.7	225.7	200	12.8	46.92	50	6.2	162.5	100	62.5*	106.0	100	6.0
Aldrin	15	1	0	96.87	100	3.1	219.1	200	9.6	51.67	50	3.3	100.8	100	0.8	102.6	100	2.6
Heptachlor Epoxide	15	1	0	95.17	100	4.8	210.6	200	5.3	53.72	50	7.4	102.1	100	2.1	101.6	100	1.6
y-chlordane	15	1	0	95.59	100	4.4	216.6	200	8.3	53.95	50	7.9	101.2	100	1.2	102.5	100	2.5
a-chlordane	15	1	0	94.34	100	5.7	205.1	200	2.5	54.57	50	9.1	99.58	100	0.4	101.4	100	1.4
Endosulfan I	15	1	0	98.96	100	1.0	219.6	200	9.8	53.6	50	7.2	106.2	100	6.2	104.4	100	4.4
p,p'-DDE	15	1	0	95.6	100	4.4	209.5	200	4.8	54.36	50	8.7	103.7	100	3.7	100.7	100	0.7
Dieldrin	15	1	0	94.99	100	5.0	218.5	200	9.2	49.46	50	1.1	101.1	100	1.1	103.9	100	3.9
Endrin	15	1	0	98.66	100	1.3	221	200	10.5	46.12	50	7.8	105	100	5.0	118.4	100	18.4*
p,p'-DDD	15	1	0	89.3	100	10.7	213.4	200	6.7	45.55	50	8.9	100.5	100	0.5	110.6	100	10.6
Endosulfan II	15	1	0	90.69	100	9.3	209	200	4.5	52.68	50	5.4	101.1	100	1.1	103.4	100	3.4
p,p'-DDT	15	1	0	100.7	100	0.7	218.8	200	9.4	46.91	50	6.2	100.1	100	0.1	110.4	100	10.4
Endrin Aldehyde	15	1	0	89.22	100	10.8	212.9	200	6.4	51.15	50	2.3	100.3	100	0.3	107.1	100	7.1
Endosulfan Sulfate	15	1	0	95.61	100	4.4	221.2	200	10.6	50.09	50	0.2	103.1	100	3.1	108	100	7.9
Methoxychlor	15	1	0	103	100	3.0	229.7	200	14.9	37.72	50	24.6*	106.5	100	6.5	111.6	100	11.6
Endrin Ketone	15	1	0	91.97	100	8.0	226.2	200	13.1	47.65	50	4.7	106.2	100	6.2	103.7	100	3.7
DCB-Surrogate	15	1	0	91.13	100	8.9	211.6	200	5.8	48.52	50	3.0	101.1	100	1.1	102.4	100	2.4
Average Difference	15	1	0			4.7			8.5			6.8			5.1			5.5
TCMX-Surrogate	15	2	0	96.55	100	3.4	213.6	200	6.8	53.72	50	7.4	103.2	100	3.2	105.2	100	5.2
alpha-BHC	15	2	0	89.56	100	10.4	209.3	200	4.6	48.48	50	3.0	97.43	100	2.6	105.5	100	5.5
gamma-BHC	15	2	0	86.88	100	13.1	195.1	200	2.4	49.32	50	1.4	96.09	100	3.9	103.1	100	3.1
beta-BHC	15	2	0	90.88	100	9.1	212.6	200	6.3	51.28	50	2.6	107.4	100	7.4	100.4	100	0.4
Heptachlor	15	2	0	85.57	100	14.4	191.4	200	4.3	43.63	50	12.7	90.84	100	9.2	104.1	100	4.1
delta-BHC	15	2	0	86.56	100	13.4	205.9	200	2.9	48.47	50	3.1	100.6	100	0.6	104.9	100	4.9
Aldrin	15	2	0	84.16	100	15.8*	188.8	200	5.6	50	50	0.0	94.9	100	5.1	110.2	100	10.2
Heptachlor Epoxide	15	2	0	83.83	100	16.2*	190.9	200	4.6	50.17	50	0.3	96.28	100	3.7	105.4	100	5.4
y-chlordane	15	2	0	82.96	100	17.0*	190.5	200	4.8	50.53	50	1.1	96.07	100	3.9	108.6	100	8.6
a-chlordane	15	2	0	91.59	100	8.4	207.0	200	3.5	51.24	50	2.5	101.5	100	1.5	108.5	100	8.5
Endosulfan I	15	2	0	84.33	100	15.7*	195.2	200	2.4	50.23	50	0.5	97.19	100	2.8	110.2	100	10.2
p,p'-DDE	15	2	0	82.69	100	17.3*	196.5	200	1.7	49.95	50	0.1	98.89	100	1.1	110.4	100	10.4
Dieldrin	15	2	0	82.57	100	17.4*	199.4	200	0.3	46.04	50	7.9	98.18	100	1.8	105.5	100	5.5
Endrin	15	2	0	86.46	100	13.5	206.4	200	3.2	42.27	50	15.5	101.6	100	1.6	121	100	21.0*
p,p'-DDD	15	2	0	81.58	100	18.4*	211.7	200	5.8	40.65	50	18.7*	101.1	100	1.1	105.4	100	5.4
Endosulfan II	15	2	0	81.33	100	18.7*	193.6	200	3.2	50.73	50	1.5	98.25	100	1.8	105.9	100	5.9
p,p'-DDT	15	2	0	87.21	100	12.8	216.7	200	8.3	39.22	50	21.6*	104.1	100	4.1	111.3	100	11.3
Endrin Aldehyde	15	2	0	95.55	100	4.4	210.8	200	5.4	48.34	50	3.3	107.3	100	7.3	102	100	2.0
Endosulfan Sulfate	15	2	0	81.11	100	18.9*	201.1	200	0.5	47.26	50	5.5	101.9	100	1.9	106.3	100	6.3
Methoxychlor	15	2	0	87.74	100	12.3	219.3	200	9.6	32.75	50	34.5*	108.5	100	8.5	107.2	100	7.2
Endrin Ketone	15	2	0	81.16	100	18.8*	195.3	200	2.4	48.72	50	2.6	100.1	100	0.1	103	100	3.0
DCB-Surrogate	15	2	0	81.62	100	18.4*	181.9	200	9.1	50.5	50	1.0	97.89	100	2.1	98.35	100	1.7
Average Difference	15	2	0			14.0			4.5			6.7			3.4			6.6

0000000000

Flags/Notes: * - Values outside of limits for this column/run

Columns: Col1 db-1701 : Col2 db-17

Form7
Continuing Calibration

Data File:
Method:
Calibration Name:
Calibration Date/Time

Compound	Limit	Col	Mr	5G03440.D 8081 CAL PEST@200PP 08/04/05 11:56			5G03443.D 8081 CAL PEST@100PP 08/05/05 06:08			5G03464.D 8081 CAL PEST@200PP 08/05/05 13:00			5G03491.D 8081 CAL PEST@100PP 08/08/05 14:15			Conc		
				Conc			Conc			Conc			Conc			Conc		
				Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	199.8	200	0.1	112	100	12.0	244.5	200	22.2*	107.3	100	7.3			
alpha-BHC	15	1	0	226.4	200	13.2	106.0	100	6.0	268.1	200	34.1*	113.0	100	13.0			
gamma-BHC	15	1	0	229.8	200	14.9	104.4	100	4.4	267.2	200	33.6*	111.5	100	11.5			
beta-BHC	15	1	0	227	200	13.5	96.69	100	3.3	244.9	200	22.4*	103.7	100	3.7			
Heptachlor	15	1	0	201.8	200	0.9	104.0	100	4.0	213.3	200	6.6	105.1	100	5.1			
delta-BHC	15	1	0	239.1	200	19.5*	107	100	7.0	277.6	200	38.8*	113.4	100	13.4			
Aldrin	15	1	0	218.4	200	9.2	111.6	100	11.6	252.1	200	26.1*	106.1	100	6.1			
Heptachlor Epoxide	15	1	0	234	200	17.0*	103.2	100	3.2	247.9	200	23.9*	110.1	100	10.1			
gamma-chlordane	15	1	0	217.4	200	8.7	107.9	100	7.9	236.6	200	18.3*	111.3	100	11.3			
alpha-chlordane	15	1	0	214.5	200	7.3	105.9	100	5.9	223.7	200	11.9	109	100	9.0			
Endosulfan I	15	1	0	237.9	200	19.0*	110.5	100	10.5	245.6	200	22.8*	111.6	100	11.6			
p,p'-DDE	15	1	0	224.9	200	12.4	106.3	100	6.3	210.4	200	5.2	109.5	100	9.5			
Dieldrin	15	1	0	226.3	200	13.2	102.3	100	2.3	226.7	200	13.3	114.6	100	14.6			
Endrin	15	1	0	270.2	200	35.1*	114.2	100	14.2	253.7	200	26.8*	116.1	100	16.1*			
p,p'-DDD	15	1	0	216	200	8.0	107.8	100	7.8	205.0	200	2.5	112.3	100	12.3			
Endosulfan II	15	1	0	235.4	200	17.7*	105.5	100	5.5	222.7	200	11.3	112.1	100	12.1			
p,p'-DDT	15	1	0	206.8	200	3.4	96.14	100	3.9	192.6	200	3.7	114.0	100	14.0			
Endrin Aldehyde	15	1	0	194.2	200	2.9	99.51	100	0.5	221.9	200	10.9	110.2	100	10.2			
Endosulfan Sulfate	15	1	0	219.9	200	9.9	95.82	100	4.2	198.1	200	0.9	111.4	100	11.4			
Methoxychlor	15	1	0	220.0	200	10.0	103.3	100	3.3	185.5	200	7.3	109.6	100	9.6			
Endrin Ketone	15	1	0	233.3	200	16.6*	103.6	100	3.6	214.5	200	7.2	112.1	100	12.1			
DCB-Surrogate	15	1	0	221.9	200	11.0	115.3	100	15.3	172.7	200	13.6	102	100	2.0			
Average Difference	15	1	0			12.0			6.5			16.5*			10.3			
TCMX-Surrogate	15	2	0	173.8	200	13.1	104.4	100	4.4	206.4	200	3.2	104.9	100	4.9			
alpha-BHC	15	2	0	180.4	200	9.8	105.6	100	5.6	217.2	200	8.6	106.5	100	6.5			
gamma-BHC	15	2	0	185.9	200	7.1	104.6	100	4.6	220.7	200	10.3	105.7	100	5.7			
beta-BHC	15	2	0	166.4	200	16.8*	99.83	100	0.2	199.2	200	0.4	96.59	100	3.4			
Heptachlor	15	2	0	179.4	200	10.3	106.5	100	6.5	174.9	200	12.6	98.3	100	1.7			
delta-BHC	15	2	0	181.9	200	9.1	103.1	100	3.1	213.3	200	6.6	103.9	100	3.9			
Aldrin	15	2	0	188.4	200	5.8	109.5	100	9.5	213.9	200	7.0	104.6	100	4.6			
Heptachlor Epoxide	15	2	0	203	200	1.5	110.8	100	10.8	224.1	200	12.1	104.2	100	4.2			
gamma-chlordane	15	2	0	187.5	200	6.3	108.1	100	8.1	200.0	200	0.0	102.7	100	2.7			
alpha-chlordane	15	2	0	188.1	200	6.0	106.4	100	6.4	197.2	200	1.4	94.8	100	5.2			
Endosulfan I	15	2	0	196.4	200	1.8	110.4	100	10.4	207.1	200	3.6	100.4	100	0.4			
p,p'-DDE	15	2	0	196.6	200	1.7	111.0	100	11.0	198.4	200	0.8	104	100	3.9			
Dieldrin	15	2	0	255.9	200	27.9*	116.3	100	16.3*	260.6	200	30.3*	114.0	100	14.0			
Endrin	15	2	0	293.3	200	46.7*	133	100	33.0*	288.9	200	44.4*	117.7	100	17.7*			
p,p'-DDD	15	2	0	247.3	200	23.6*	111.8	100	11.8	228.5	200	14.2	114.4	100	14.4			
Endosulfan II	15	2	0	204.2	200	2.1	109.8	100	9.8	199.7	200	0.2	107.1	100	7.1			
p,p'-DDT	15	2	0	220.5	200	10.3	109.8	100	9.8	187.1	200	6.4	105.7	100	5.7			
Endrin Aldehyde	15	2	0	242.1	200	21.0*	112.7	100	12.7	226.3	200	13.2	102.0	100	2.0			
Endosulfan Sulfate	15	2	0	223.1	200	11.6	111.7	100	11.7	208.0	200	4.0	109.1	100	9.1			
Methoxychlor	15	2	0	282.5	200	41.3*	115.1	100	15.1	221.6	200	10.8	113.3	100	13.3			
Endrin Ketone	15	2	0	235.6	200	17.8*	115.5	100	15.5*	220.2	200	10.1	108.7	100	8.7			
DCB-Surrogate	15	2	0	193.2	200	3.4	110.7	100	10.7	152.6	200	23.7*	95.62	100	4.4			
Average Difference	15	2	0			13.4			10.3			10.2			6.5			

001370

Flags/Notes:

* - Values outside of limits for this column/run

Columns: Col1 db-1701 : Col2 db-17

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08303.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08303.D\ECD2B.CH
 Acq On : 3 Aug 2005 00:55 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 7:50 2005 Quant Results File: 3G_P0711.RES

10010

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	632831	1522603	107.447	114.567m
2) alpha-BHC	3.83	3.63	703990	1881490	110.063	116.710m
3) gamma-BHC	4.34	4.15	678286	1756037	113.947	113.826
4) beta-BHC	5.23	4.23	412496	925912	114.348m	115.832
5) Heptachlor	4.63	4.58	545518	1605525	113.978	115.694
6) delta-BHC	5.57	4.71	673456	1785343	112.581	113.342m
7) Aldrin	5.00	5.02	624117	1684589	109.431	110.682
8) Heptachlor Epoxi	5.85	5.75	596523	1574938	106.599	106.000
9) y-chlordane	6.26	5.96	706008	1588686	105.379	101.553
10) a-chlordane	6.33	6.17	650010	1509060	103.456	106.115
11) Endosulfan I	6.22	6.22	486505	1701308	103.573	107.256
12) p,p'-DDE	6.42	6.47	655068	1565735	106.584	105.011
13) Dieldrin	6.68	6.62	548977	1512653	111.228	107.260
14) Endrin	6.95	7.11	513859	1307370	112.821	111.164
15) p,p'-DDD	7.42	7.20	449634	1206807	106.618	107.088
16) Endosulfan II	7.55	7.34	554666	1448979	99.235	102.116
17) p,p'-DDT	7.64	7.59	301855	1013191	90.254	103.970
18) Endrin Aldehyde	8.06	7.76	430189	1236989	100.893	117.748
19) Endosulfan Sulfa	8.46	7.92	458391	1225201	103.243	96.659
20) Methoxychlor	8.38	8.71	159696	512768	105.003	100.277
21) Endrin Ketone	9.01	8.97	543275	1547822	104.156	95.038
22) DCB-Surrogate	10.09	10.65	703742	2002915	104.513	103.869

02/10/01

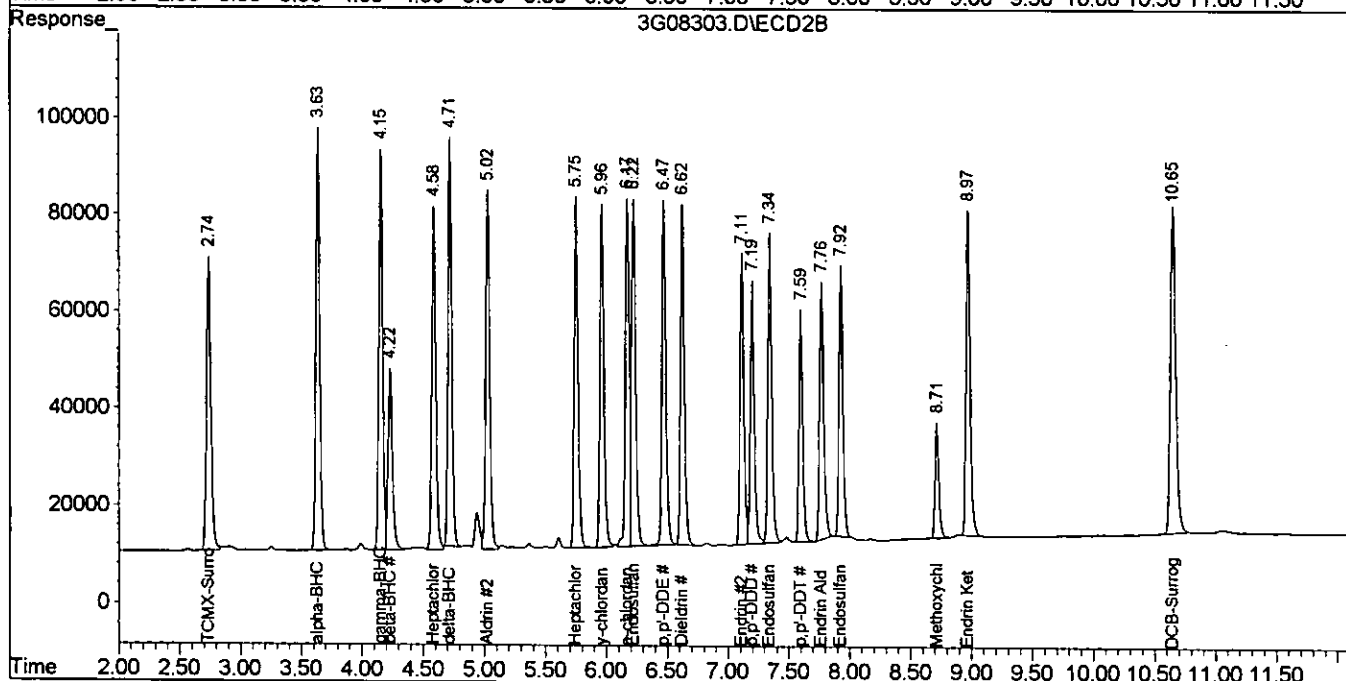
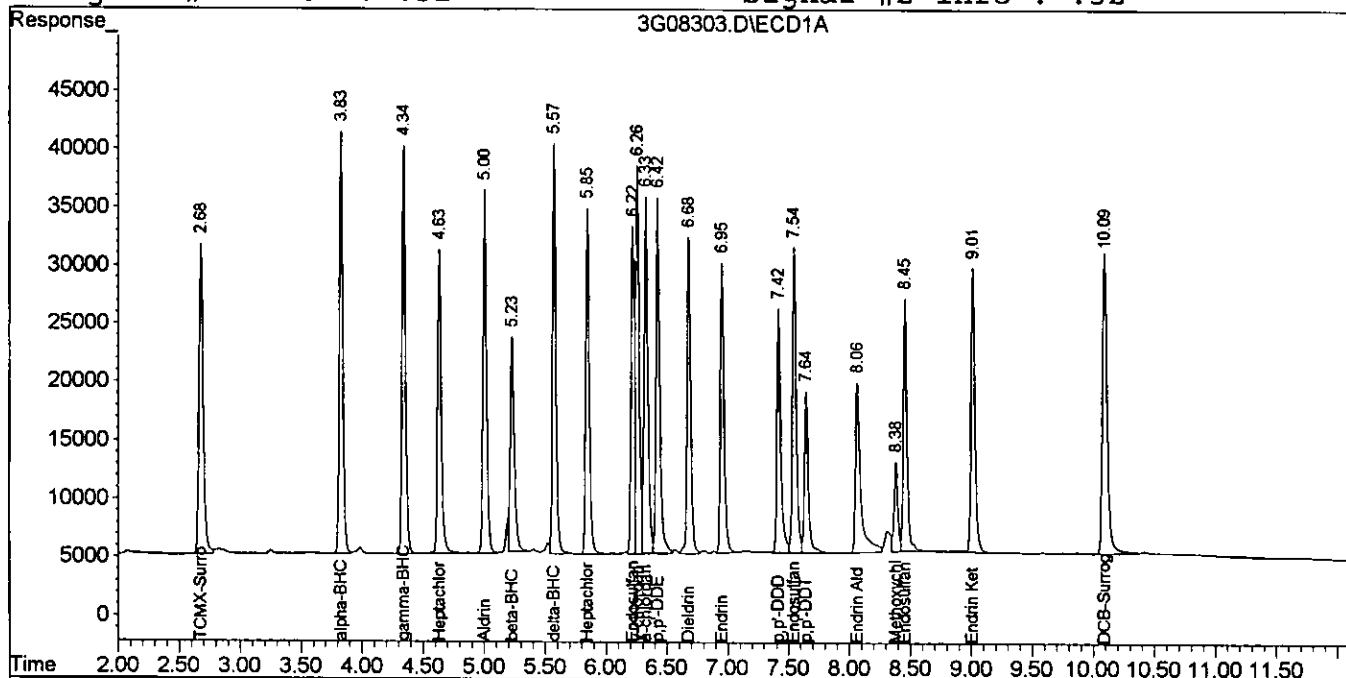
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08303.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08303.D\ECD2B.CH
 Acq On : 3 Aug 2005 00:55 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 7:50 2005 Quant Results File: 3G_P0711.RES

0013772

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08326.D\ECD1A.CH Vial: 26
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08326.D\ECD2B.CH
 Acq On : 3 Aug 2005 9:44 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 10:03 2005 Quant Results File: 3G_P0711.RES

00137

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	566242	1449806	96.141	108.753
2) alpha-BHC	3.83	3.63	609380	1776050	95.229	110.169
3) gamma-BHC	4.34	4.14	593307	1677870	99.672	108.759
4) beta-BHC	5.23	4.22	388789	887413	107.055	110.729
5) Heptachlor	4.63	4.58	489251	1569734	101.192	113.047
6) delta-BHC	5.57	4.71	671524	1781598	112.258	113.105
7) Aldrin	5.01	5.02	557405	1588548	97.734	104.372
8) Heptachlor Epoxi	5.85	5.75	529185	1520172	94.566	102.314
9) y-chlordane	6.26	5.96	621180	1545233	92.718	98.775
10) a-chlordane	6.33	6.17	576032	1418786	91.682	99.767
11) Endosulfan I	6.22	6.22	438145	1629578	93.277	102.734
12) p,p'-DDE	6.43	6.47	590137	1544543	96.020	103.589
13) Dieldrin	6.68	6.62	508163	1484628	102.959	105.272
14) Endrin	6.96	7.11	473264	1311643	103.908	111.527
15) p,p'-DDD	7.42	7.19	442711	1227662	104.976	108.938
16) Endosulfan II	7.55	7.34	513490	1424530	91.869	100.393
17) p,p'-DDT	7.65	7.59	284274	1053866	84.997	108.144 #
18) Endrin Aldehyde	8.07	7.76	421950	1139643	98.961	108.068
19) Endosulfan Sulfa	8.46	7.92	434153	1267275	97.784	99.979
20) Methoxychlor	8.38	8.71	162594	601851	106.909	117.699m
21) Endrin Ketone	9.01	8.97	507569	1563748	97.311	96.016
22) DCB-Surrogate	10.10	10.65	705330	2065055	104.765	107.303

08/10/05

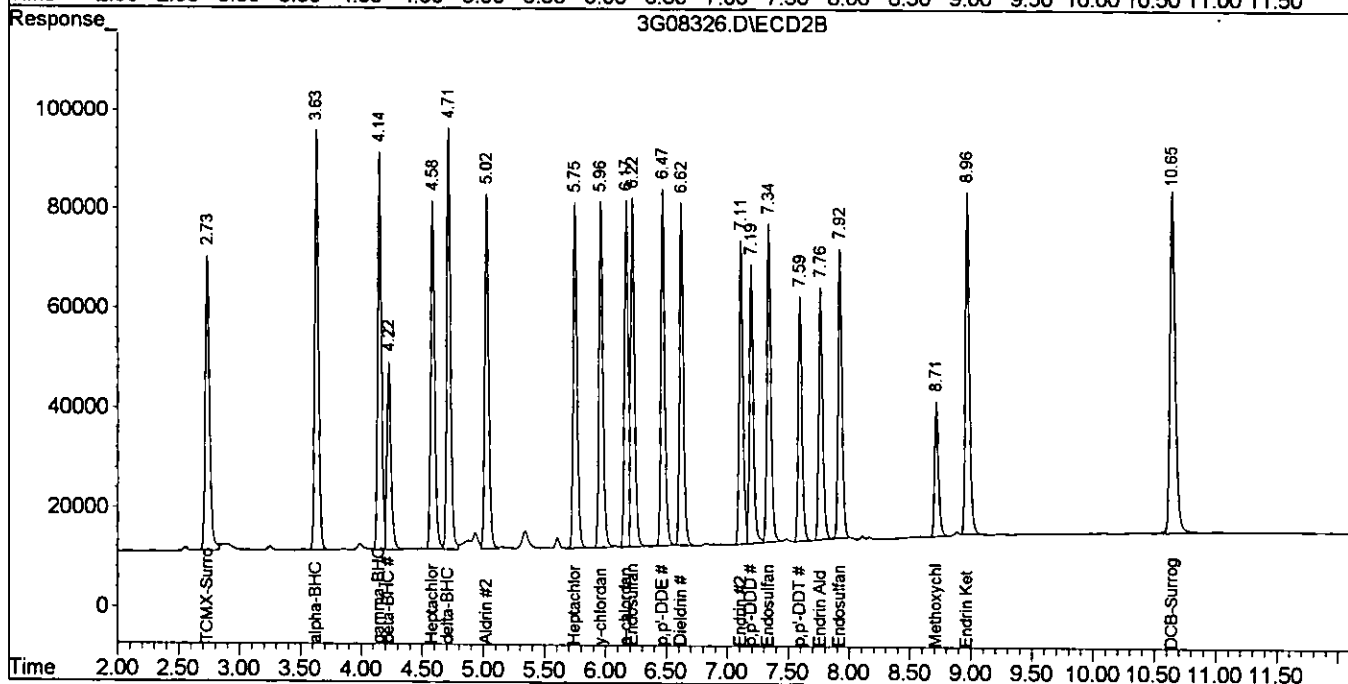
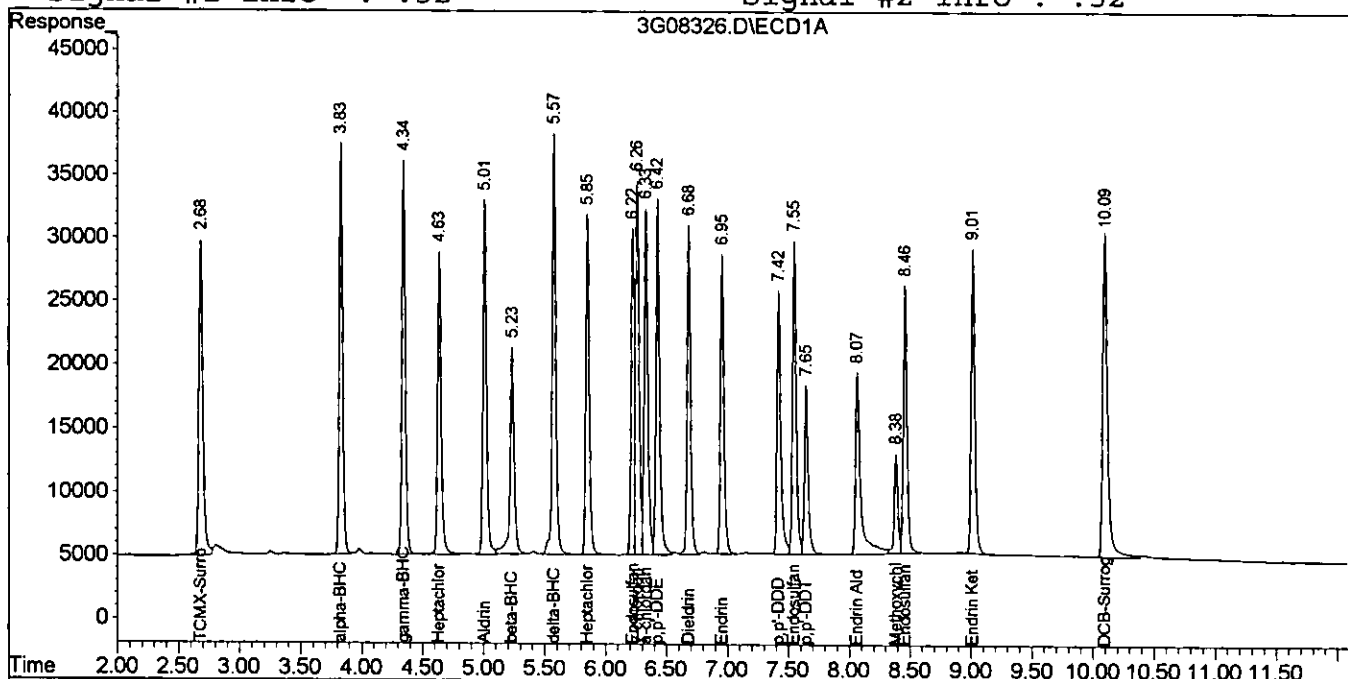
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08326.D\ECD1A.CH Vial: 26
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-03-05\3G08326.D\ECD2B.CH
 Acq On : 3 Aug 2005 9:44 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 10:03 2005 Quant Results File: 3G_P0711.RES

76100

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0711.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Mon Jul 11 09:18:47 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08349.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08349.D\ECD2B.CH
 Acq On : 3 Aug 2005 23:50 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 5:19 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	706660	1683472	109.486	106.232
2) alpha-BHC	3.83	3.63	795758	2103890	110.448	100.720
3) gamma-BHC	4.34	4.15	771006	1958312	112.342	97.401
4) beta-BHC	5.23	4.22	480537	1027295	112.119	106.298
5) Heptachlor	4.63	4.58	641819	1819614	112.415	92.886
6) delta-BHC	5.57	4.71	758838	2061439	108.791	100.587
7) Aldrin	5.00	5.02	725230	1893501	111.990	96.412
8) Heptachlor Epoxi	5.84	5.75	688894	1812133	110.406	99.083
9) y-chlordane	6.25	5.96	817373	1842105	110.765	99.022
10) a-chlordane	6.32	6.17	750267	1680282	109.382	105.943
11) Endosulfan I	6.22	6.22	564165	1958666	117.695	100.370
12) p,p'-DDE	6.42	6.47	754313	1837195	110.309m	100.910
13) Dieldrin	6.68	6.62	642041	1764044	109.110	99.438
14) Endrin	6.95	7.11	583353	1479898	107.409	96.801
15) p,p'-DDD	7.42	7.19	533630	1421160	101.674	99.324
16) Endosulfan II	7.54	7.34	660470	1688653	108.617	99.132
17) p,p'-DDT	7.64	7.59	383780	1191961	105.810	93.215
18) Endrin Aldehyde	8.06	7.76	515772	1329718	105.141	103.145
19) Endosulfan Sulfa	8.45	7.92	544891	1499381	106.779	98.707
20) Methoxychlor	8.38	8.71	201160	617580	103.423	89.335
21) Endrin Ketone	9.01	8.97	651300	1870180	110.947	99.714
22) DCB-Surrogate	10.09	10.65	850802	2350600	102.769	95.426

08/10/05

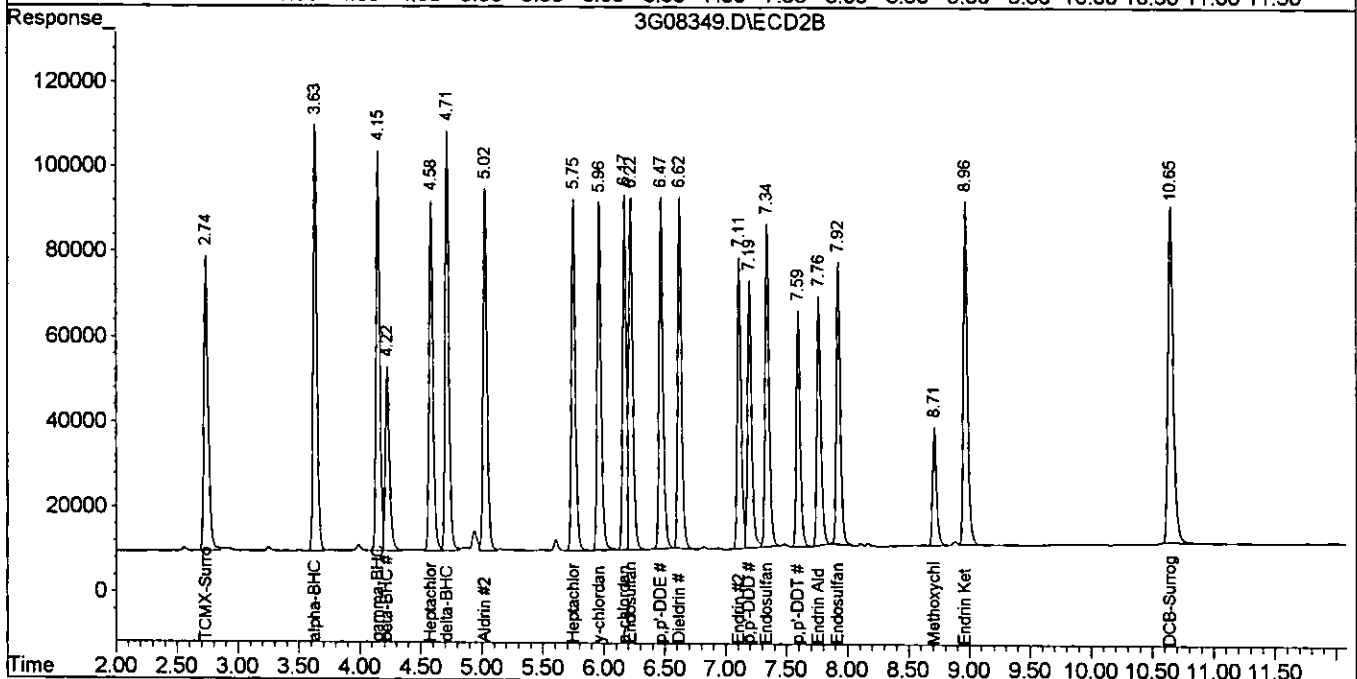
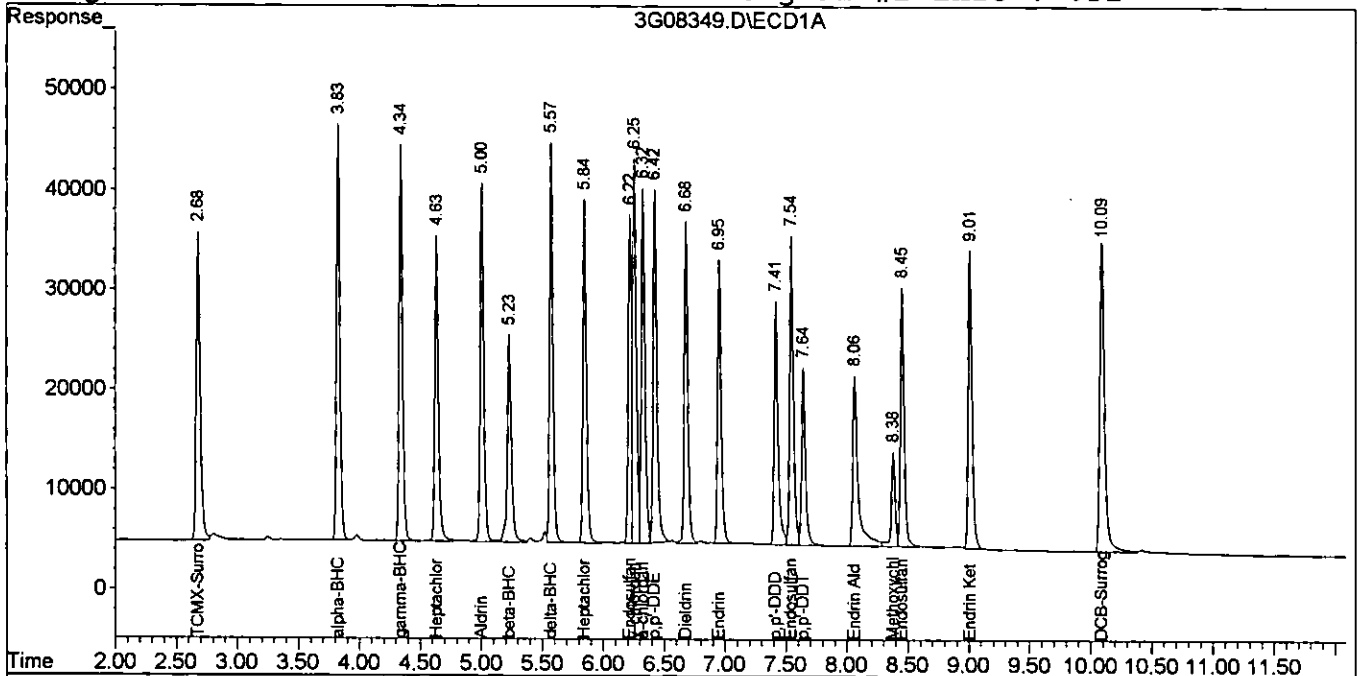
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08349.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08349.D\ECD2B.CH
 Acq On : 3 Aug 2005 23:50 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 5:19 2005 Quant Results File: 3G_P0803.RES

078100

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03421.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03421.D\ECD2B.CH
 Acq On : 8-4-05 5:36:36 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 5:56 2005 Quant Results File: 5G_P0729.RES

001377

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	674.6E6	679.1E6	109.005	105.219
2) alpha-BHC	8.02	7.63	696.8E6	852.5E6	102.943	105.529
3) gamma-BHC	8.54	8.17	576.9E6	692.4E6	101.115	103.108
4) beta-BHC	9.43	8.25	259.3E6	305.8E6	98.338	100.398
5) Heptachlor	8.82	8.61	514.1E6	490.4E6	106.382	104.098
6) delta-BHC	9.76	8.74	544.8E6	702.0E6	106.016	104.888
7) Aldrin	9.18	9.05	594.9E6	648.0E6	102.643	110.183
8) Heptachlor Epoxi	10.00	9.75	475.5E6	515.0E6	101.644	105.356
9) y-chlordane	10.38	9.95	537.9E6	574.2E6	102.497	108.566
10) a-chlordane	10.44	10.15	539.6E6	559.9E6	101.359	108.487
11) Endosulfan I	10.34	10.20	465.6E6	525.8E6	104.416	110.178
12) p,p'-DDE	10.51	10.42	578.8E6	568.5E6	100.686	110.434
13) Dieldrin	10.77	10.57	443.1E6	402.3E6	103.906	105.526
14) Endrin	11.02	11.02	386.6E6	330.8E6	118.421m	120.969
15) p,p'-DDD	11.43	11.08	391.3E6	313.5E6	110.641	105.371
16) Endosulfan II	11.56	11.23	420.5E6	444.6E6	103.402	105.905
17) p,p'-DDT	11.62	11.44	343.7E6	370.1E6	110.445	111.246
18) Endrin Aldehyde	12.04	11.61	263.3E6	287.3E6	107.113m	101.956
19) Endosulfan Sulfa	12.39	11.75	418.3E6	372.9E6	107.948	106.344
20) Methoxychlor	12.27	12.43	162.9E6	134.1E6	111.598m	107.226m
21) Endrin Ketone	12.92	12.70	351.1E6	403.5E6	103.706	102.991
22) DCB-Surrogate	13.91	14.32	622.1E6	570.4E6	102.371	98.353

08/10/05

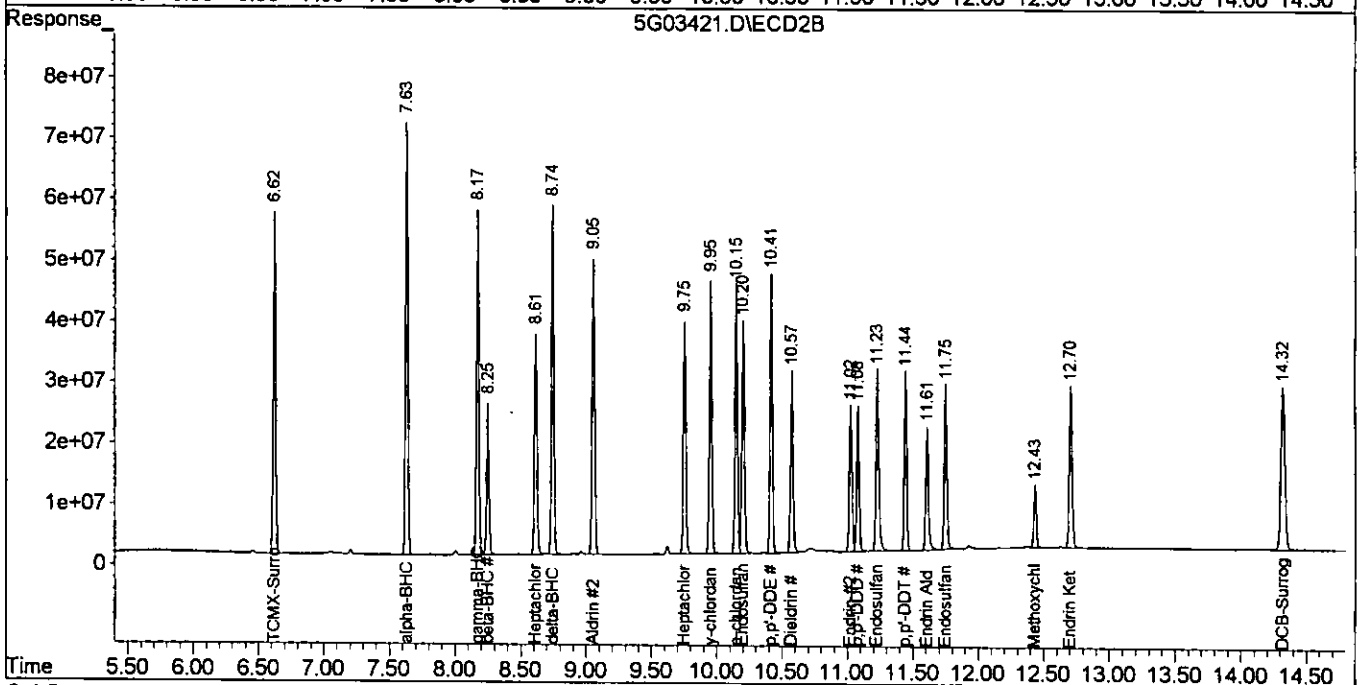
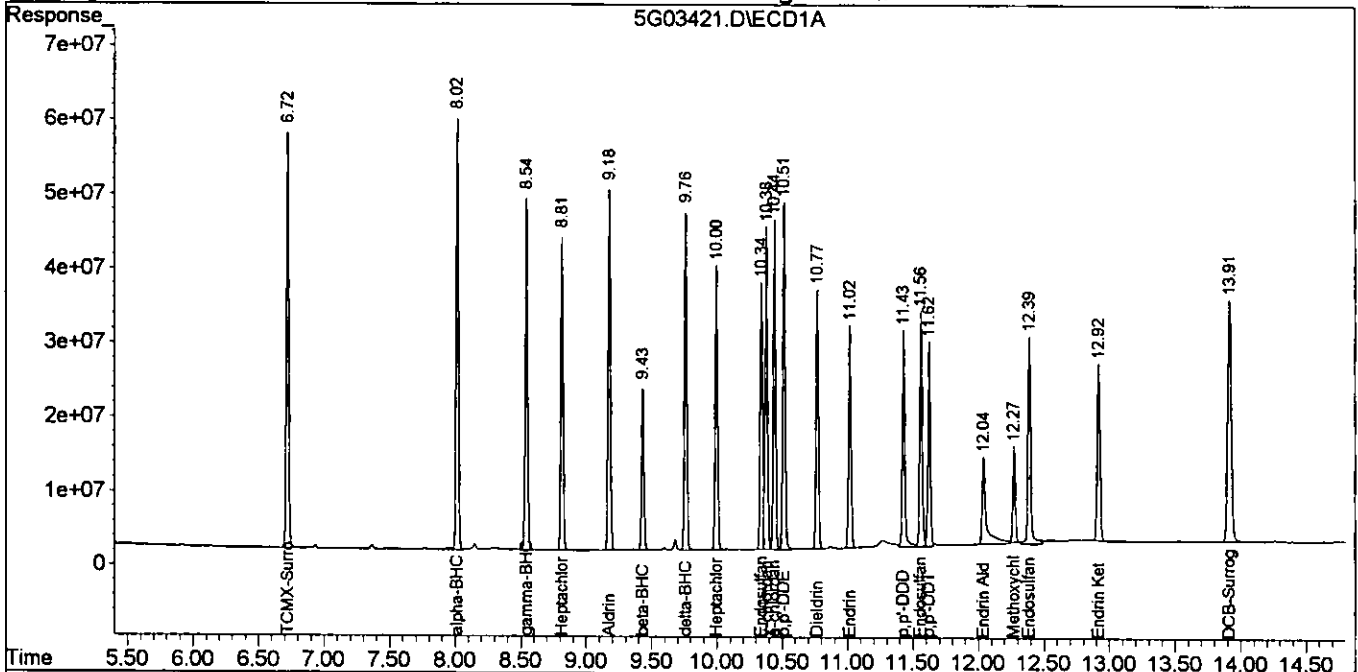
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03421.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03421.D\ECD2B.CH
 Acq On : 8-4-05 5:36:36 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 5:56 2005 Quant Results File: 5G_P0729.RES

02/08/05

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08369.D\ECD1A.CH Vial: 1
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08369.D\ECD2B.CH
 Acq On : 4 Aug 2005 6:16 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:25 2005 Quant Results File: 3G_P0803.RES

001370

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	687735	1704415	106.310	107.696
2) alpha-BHC	3.83	3.63	781170	2152894	108.375	103.120
3) gamma-BHC	4.34	4.14	767354	2017873	111.787	100.364
4) beta-BHC	5.23	4.22	463133	1074547	107.506	111.708
5) Heptachlor	4.63	4.58	635141	1861069	111.170	95.002
6) delta-BHC	5.57	4.71	765968	2186491	109.869	106.689
7) Aldrin	5.01	5.02	717656	1947954	110.784	99.185
8) Heptachlor Epoxi	5.85	5.75	685733	1879606	109.900	102.772
9) y-chlordane	6.26	5.96	819239	1924839	111.018	103.469
10) a-chlordane	6.33	6.17	748602	1733728	109.139	109.561
11) Endosulfan I	6.22	6.22	545791	2048645	113.555m	104.981
12) p,p'-DDE	6.43	6.47	762368	1908631	111.487	104.834
13) Dieldrin	6.68	6.62	658705	1859355	111.942	104.810
14) Endrin	6.95	7.11	602118	1609976	110.864	105.309
15) p,p'-DDD	7.42	7.20	572319	1548003	109.045	108.502
16) Endosulfan II	7.55	7.34	667355	1776557	109.749	104.292
17) p,p'-DDT	7.65	7.59	367607	1251937	101.493	97.853
18) Endrin Aldehyde	8.07	7.76	525992	1387713	107.224	108.017
19) Endosulfan Sulfa	8.46	7.92	568902	1567641	111.485	103.201
20) Methoxychlor	8.38	8.71	194491	692708	99.889	100.202
21) Endrin Ketone	9.01	8.97	676459	1997114	115.426	106.482
22) DCB-Surrogate	10.10	10.65	882182	2541819	106.560	103.189

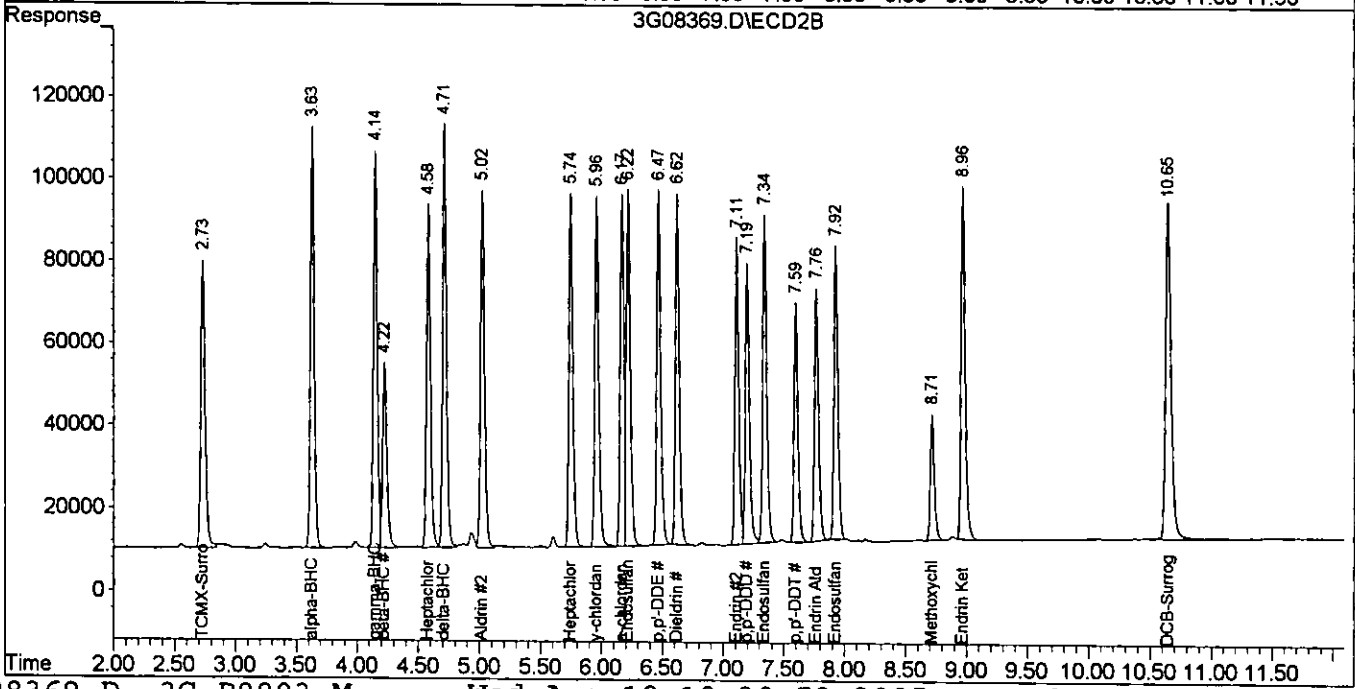
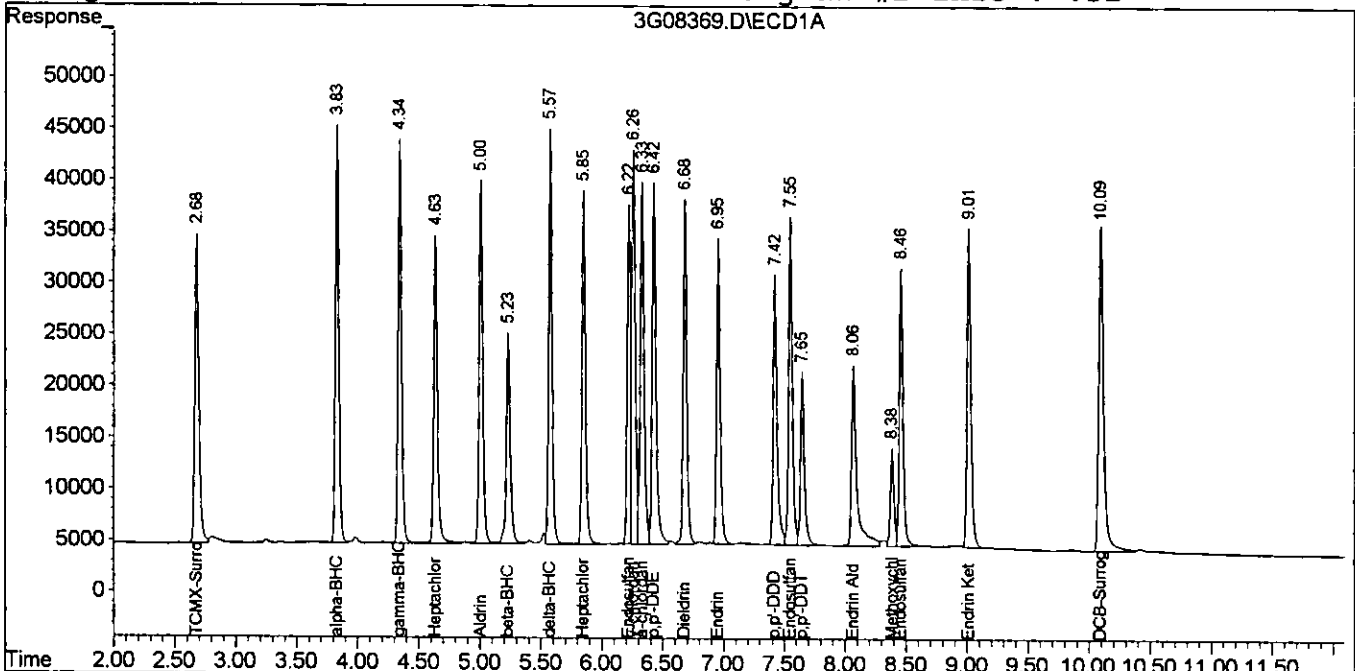
08/10/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08369.D\ECD1A.CH Vial: 1
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08369.D\ECD2B.CH
 Acq On : 4 Aug 2005 6:16 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:25 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



60100

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08377.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08377.D\ECD2B.CH
 Acq On : 4 Aug 2005 8:54 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 9:14 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.68	2.73	1378616	3429347	228.060	228.206
2) alpha-BHC	3.83	3.63	1623879	4532569	228.097	219.705
3) gamma-BHC	4.34	4.15	1539574	4113519	229.099	204.596
4) beta-BHC	5.23	4.22	856860	2111186	219.369	230.404m
5) Heptachlor	4.64	4.58	1196332	3853851	215.831	196.727
6) delta-BHC	5.58	4.71	1553125	4597208	228.898m	224.319
7) Aldrin	5.01	5.02	1453768	4034673	227.953	205.435
8) Heptachlor Epoxi	5.85	5.75	1377163	3786631	220.712	207.044
9) y-chlordane	6.26	5.96	1717356	3862442	232.724m	207.625
10) a-chlordane	6.33	6.17	1514052	3216475	220.735	209.933
11) Endosulfan I	6.23	6.22	935248	4322506	201.313	221.502
12) p,p'-DDE	6.43	6.47	1519708	3830973	222.239	210.420
13) Dieldrin	6.69	6.62	1345310	3776714	228.625	212.890
14) Endrin	6.96	7.11	1218062	3247189	224.273	212.400
15) p,p'-DDD	7.42	7.20	1200156	3249385	228.669m	231.614m
16) Endosulfan II	7.55	7.34	1334751	3577532	219.505	210.018
17) p,p'-DDT	7.65	7.60	693571	2418846	188.500	188.104
18) Endrin Aldehyde	8.07	7.77	951434	2448179	193.951	197.110
19) Endosulfan Sulfa	8.46	7.93	1135563	3152236	222.530	207.518
20) Methoxychlor	8.39	8.72	379560	1353195	197.967	195.743
21) Endrin Ketone	9.02	8.97	1339113	3915112	233.410m	208.745
22) DCB-Surrogate	10.10	10.65	1291664	3558299	156.021	144.455

08/10/05

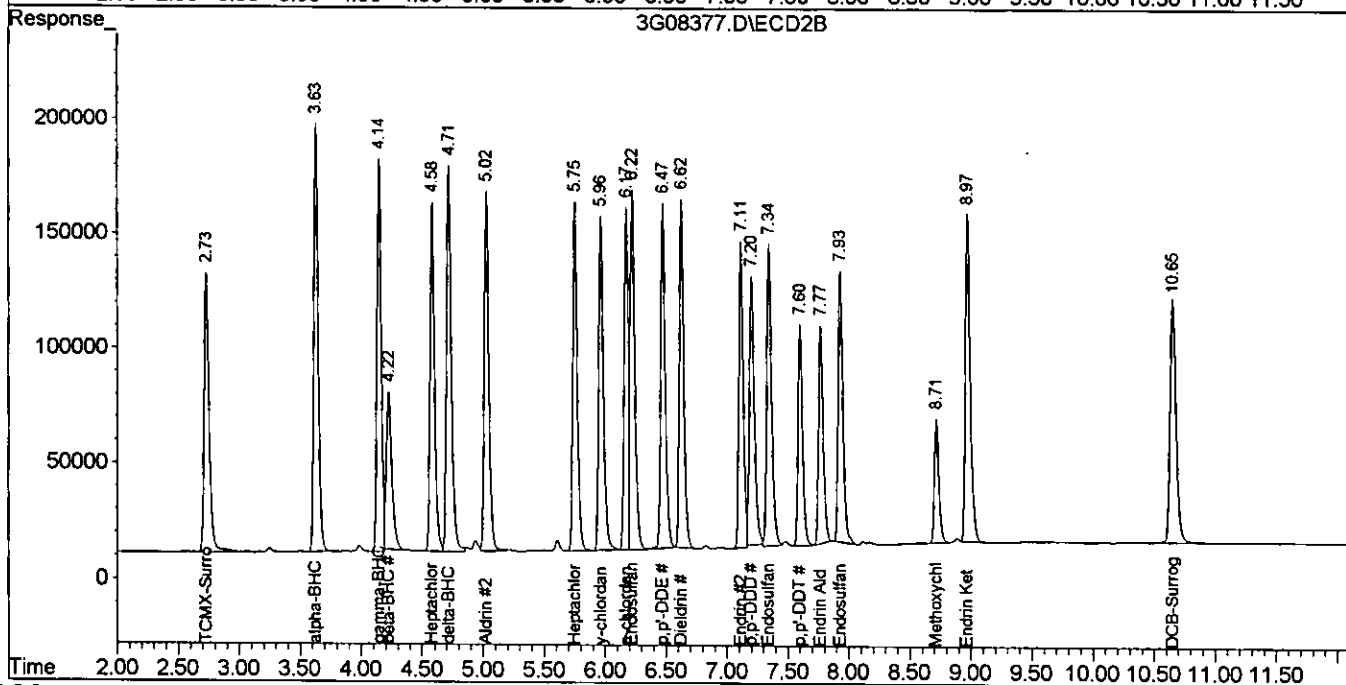
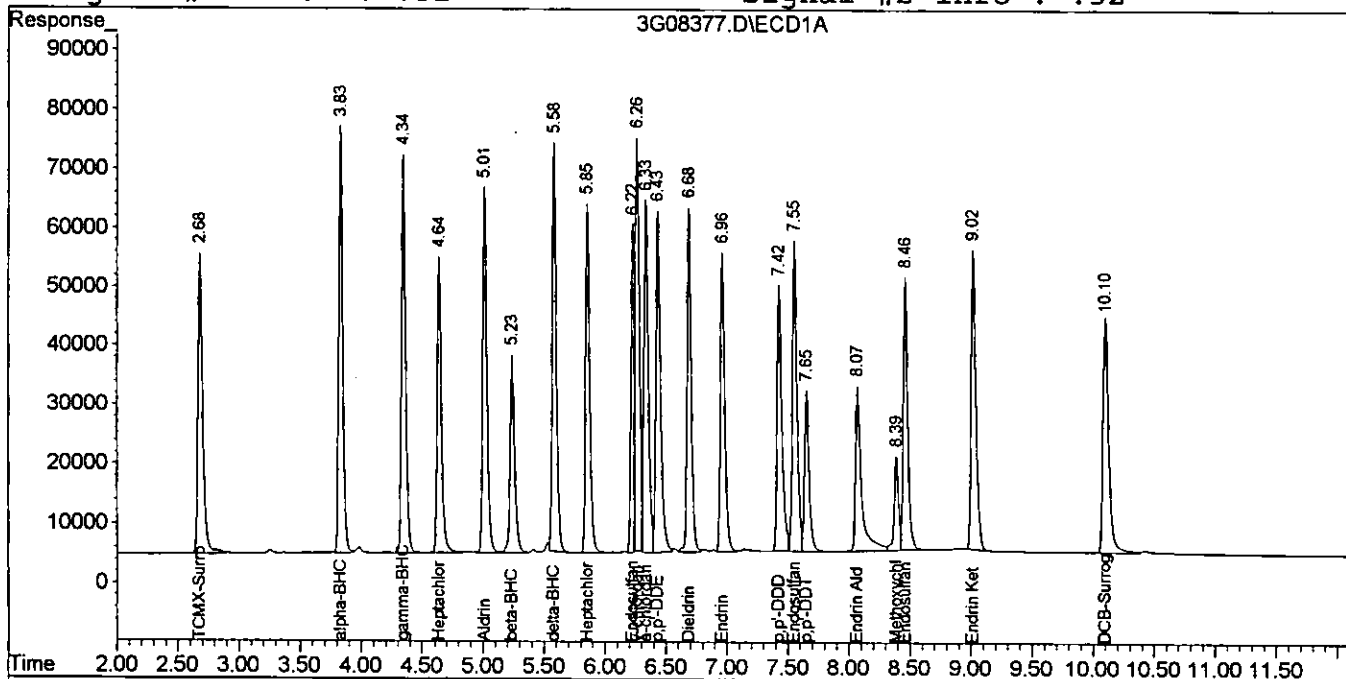
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08377.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08377.D\ECD2B.CH
 Acq On : 4 Aug 2005 8:54 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 9:14 2005 Quant Results File: 3G_P0803.RES

00133

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03440.D\ECD1A.CH Vial: 21
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03440.D\ECD2B.CH
 Acq On : 8-4-05 11:56:24 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 12:26 2005 Quant Results File: 5G_P0729.RES

001333

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	6.72	6.62	1236.3E6	1121.4E6	199.759	173.758
2) alpha-BHC	8.02	7.63	1532.7E6	1457.3E6	226.435	180.399
3) gamma-BHC	8.54	8.17	1311.3E6	1248.2E6	229.817	185.869
4) beta-BHC	9.43	8.25	598.6E6	506.8E6	226.985	166.383 #
5) Heptachlor	8.82	8.61	975.0E6	845.2E6	201.779	179.431
6) delta-BHC	9.76	8.74	1228.5E6	1217.2E6	239.071	181.871
7) Aldrin	9.18	9.05	1265.7E6	1108.0E6	218.360	188.396
8) Heptachlor Epoxi	10.00	9.75	1094.4E6	992.2E6	233.952	202.972
9) y-chlordane	10.38	9.95	1141.0E6	991.3E6	217.400	187.447
10) a-chlordane	10.44	10.15	1142.0E6	970.8E6	214.508	188.089
11) Endosulfan I	10.34	10.20	1061.1E6	937.5E6	237.933	196.438
12) p,p'-DDE	10.51	10.41	1293.0E6	1012.0E6	224.902m	196.562
13) Dieldrin	10.77	10.57	965.2E6	975.5E6	226.342m	255.904
14) Endrin	11.02	11.02	882.3E6	802.1E6	270.234	293.328
15) p,p'-DDD	11.43	11.08	763.7E6	735.7E6	215.946m	247.281
16) Endosulfan II	11.56	11.23	957.2E6	857.3E6	235.359m	204.214
17) p,p'-DDT	11.62	11.44	643.5E6	733.6E6	206.809	220.542
18) Endrin Aldehyde	12.04	11.61	477.5E6	682.2E6	194.226m	242.082
19) Endosulfan Sulfa	12.39	11.75	852.2E6	782.4E6	219.899	223.111
20) Methoxychlor	12.27	12.43	321.1E6	353.4E6	220.031	282.519 #
21) Endrin Ketone	12.92	12.70	789.8E6	923.0E6	233.250m	235.612
22) DCB-Surrogate	13.91	14.32	1348.8E6	1120.2E6	221.938	193.151

08/10/05

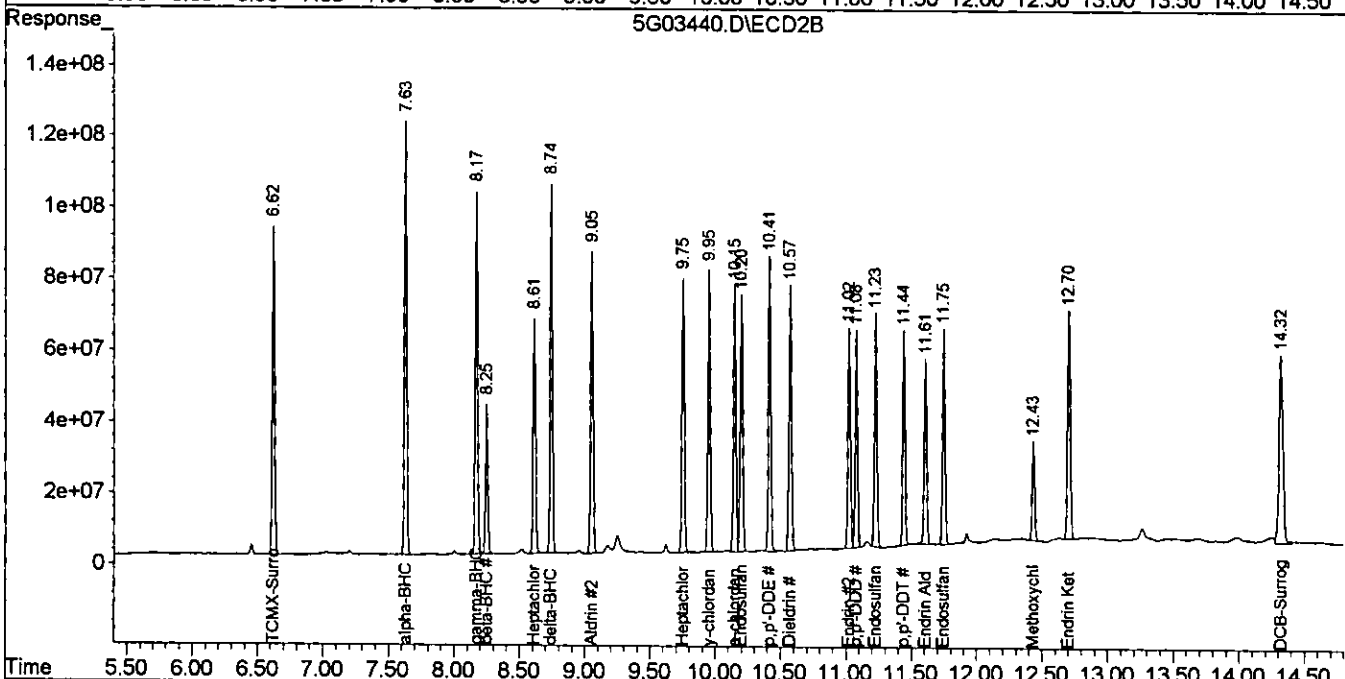
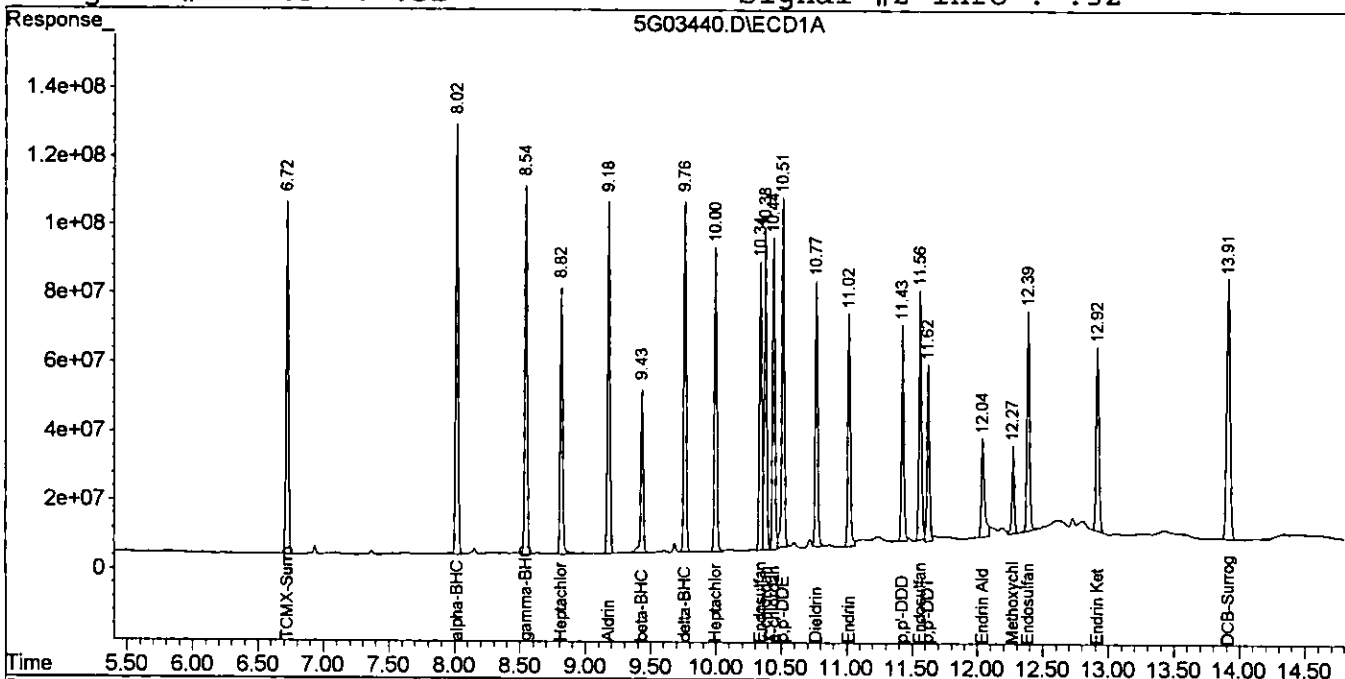
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03440.D\ECD1A.CH Vial: 21
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03440.D\ECD2B.CH
 Acq On : 8-4-05 11:56:24 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 12:26 2005 Quant Results File: 5G_P0729.RES

100100

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03443.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03443.D\ECD2B.CH
 Acq On : 8-5-05 6:08:50 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 6:38 2005 Quant Results File: 5G_P0729.RES

001335

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	6.72	6.62	693.0E6	673.9E6	111.966	104.410
2) alpha-BHC	8.02	7.63	717.7E6	853.1E6	106.025	105.601
3) gamma-BHC	8.54	8.17	595.8E6	702.5E6	104.429	104.602
4) beta-BHC	9.43	8.25	255.0E6	304.1E6	96.691	99.831
5) Heptachlor	8.81	8.61	502.7E6	501.9E6	104.036	106.537
6) delta-BHC	9.76	8.74	549.8E6	689.8E6	106.996	103.063
7) Aldrin	9.18	9.05	646.8E6	644.0E6	111.598	109.495
8) Heptachlor Epoxi	9.99	9.75	482.5E6	541.4E6	103.146	110.758
9) y-chlordane	10.38	9.95	566.4E6	571.7E6	107.926	108.106
10) a-chlordane	10.44	10.15	563.7E6	549.4E6	105.891	106.438
11) Endosulfan I	10.34	10.20	492.7E6	526.8E6	110.481	110.389
12) p,p'-DDE	10.51	10.41	611.2E6	571.7E6	106.319	111.042
13) Dieldrin	10.77	10.57	436.4E6	443.2E6	102.326	116.269
14) Endrin	11.02	11.02	372.9E6	363.7E6	114.213m	132.998m
15) p,p'-DDD	11.43	11.08	381.3E6	332.7E6	107.831	111.845
16) Endosulfan II	11.56	11.23	429.2E6	461.0E6	105.534	109.808
17) p,p'-DDT	11.62	11.44	299.2E6	365.3E6	96.135	109.817
18) Endrin Aldehyde	12.04	11.61	244.6E6	317.6E6	99.511	112.723
19) Endosulfan Sulfa	12.39	11.75	371.3E6	391.8E6	95.816	111.711
20) Methoxychlor	12.27	12.43	150.8E6	144.0E6	103.319	115.131
21) Endrin Ketone	12.92	12.70	350.8E6	452.6E6	103.607	115.539
22) DCB-Surrogate	13.91	14.32	700.9E6	642.2E6	115.328	110.731

08/10/05

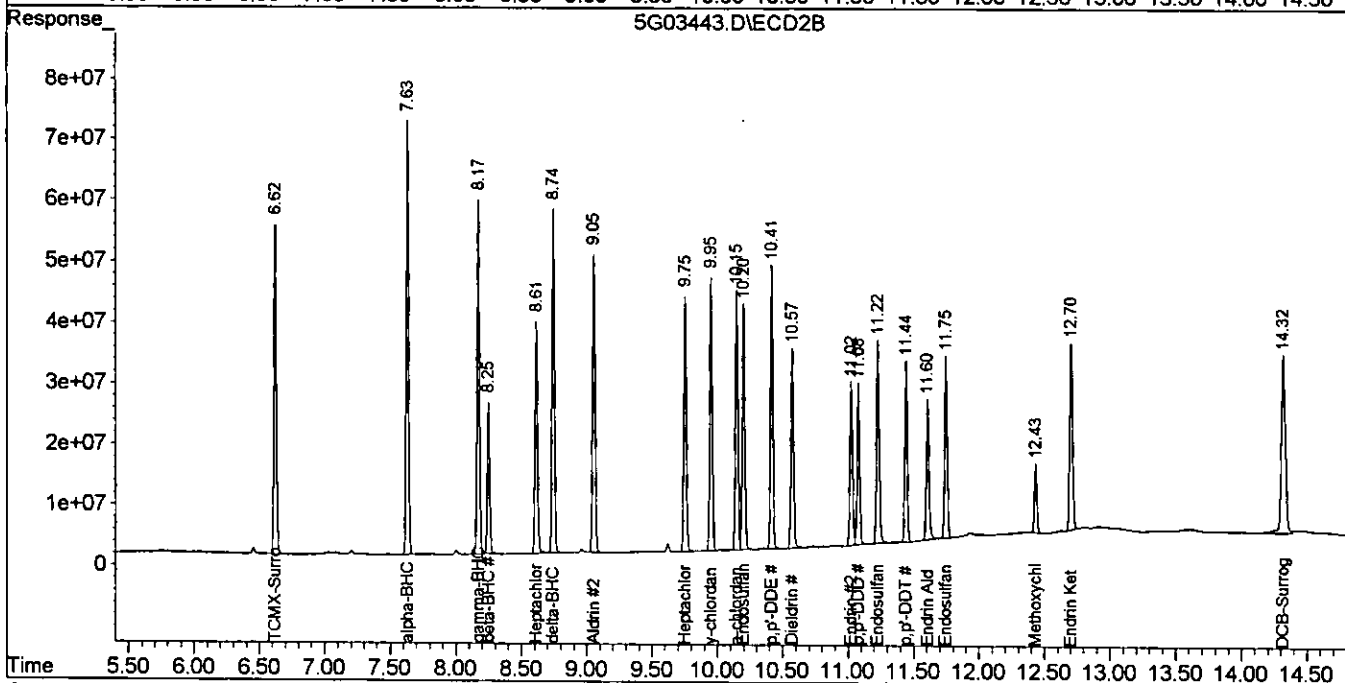
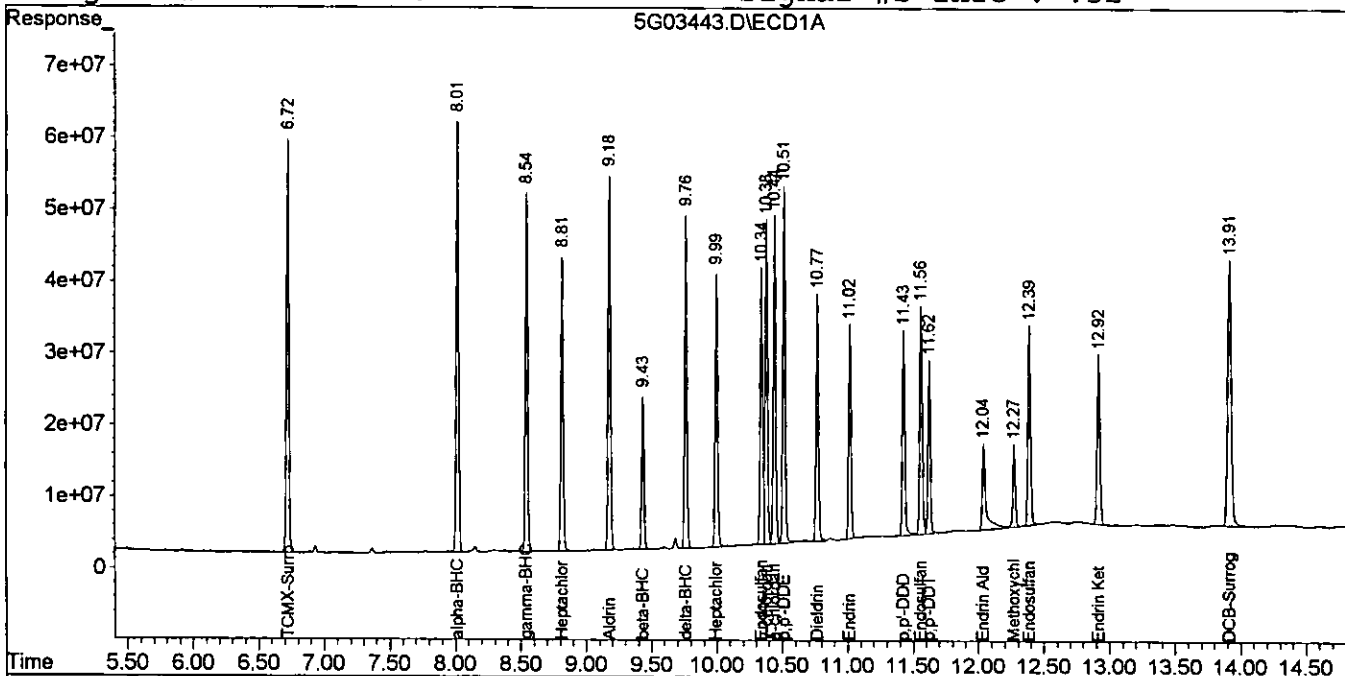
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03443.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03443.D\ECD2B.CH
 Acq On : 8-5-05 6:08:50 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 6:38 2005 Quant Results File: 5G_P0729.RES

001336

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08412.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08412.D\ECD2B.CH
 Acq On : 5 Aug 2005 7:56 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 9:14 2005 Quant Results File: 3G_P0803.RES

00100

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.75	658607	1544903	101.438	96.551
2) alpha-BHC	3.83	3.64	720831	1876169	99.803	89.563
3) gamma-BHC	4.34	4.15	688807	1746676	99.855	86.875
4) beta-BHC	5.23	4.23	483844	892676	112.999	90.884
5) Heptachlor	4.63	4.58	587377	1676228	102.262	85.566
6) delta-BHC	5.57	4.71	689190	1774037	98.259	86.564
7) Aldrin	5.00	5.03	630233	1652835	96.869	84.158
8) Heptachlor Epoxi	5.84	5.75	593817	1533163	95.169	83.830
9) y-chlordane	6.25	5.96	705425	1543329	95.594	82.961
10) a-chlordane	6.32	6.17	647103	1468288	94.342	91.592
11) Endosulfan I	6.22	6.22	481007	1645709	98.957	84.333
12) p,p'-DDE	6.42	6.47	653746	1505494	95.602	82.691
13) Dieldrin	6.68	6.62	558931	1464721	94.986	82.565
14) Endrin	6.95	7.11	535847	1321802	98.662	86.460
15) p,p'-DDD	7.41	7.19	468674	1176000	89.298	81.584
16) Endosulfan II	7.54	7.34	551474	1385451	90.692	81.332
17) p,p'-DDT	7.64	7.59	364677	1114343	100.711	87.212
18) Endrin Aldehyde	8.06	7.76	437669	1239260	89.219	95.545
19) Endosulfan Sulfa	8.45	7.92	487912	1232048	95.613	81.108
20) Methoxychlor	8.38	8.71	200348	606541	102.992	87.738
21) Endrin Ketone	9.01	8.96	544712	1522169	91.969	81.159
22) DCB-Surrogate	10.09	10.64	754484	2010551	91.135	81.621

68/10/25

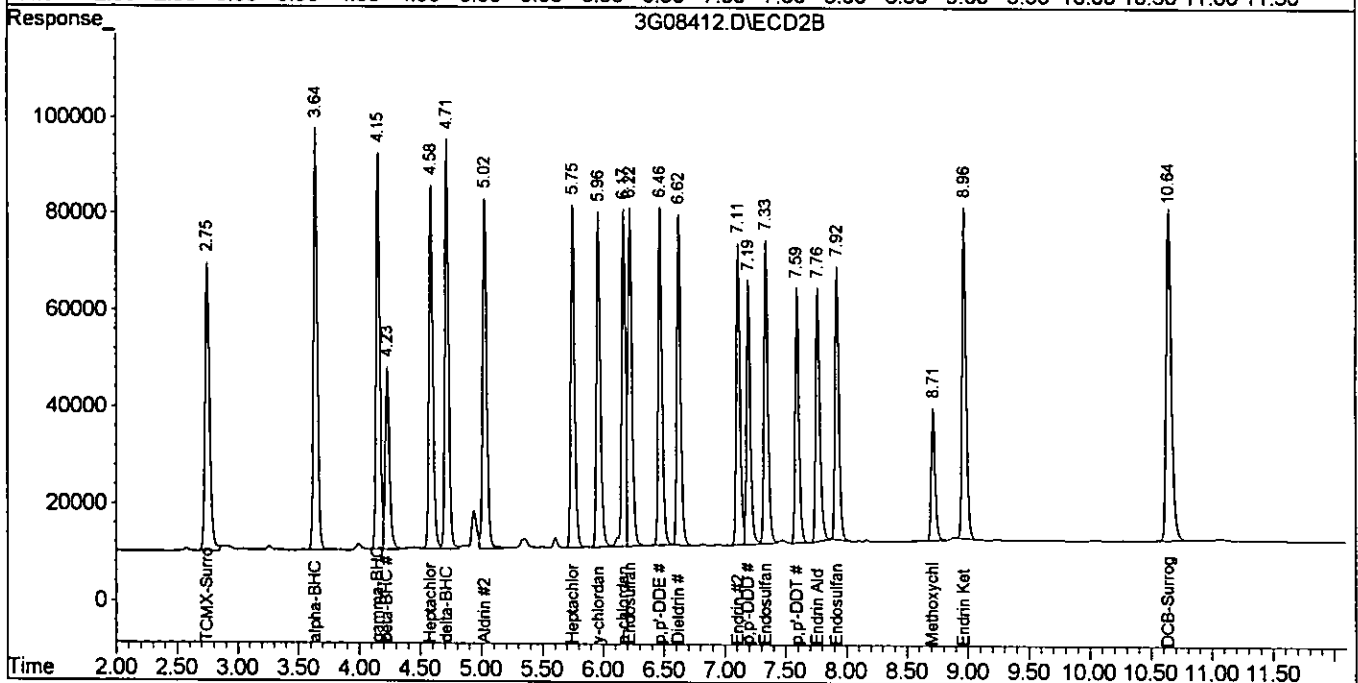
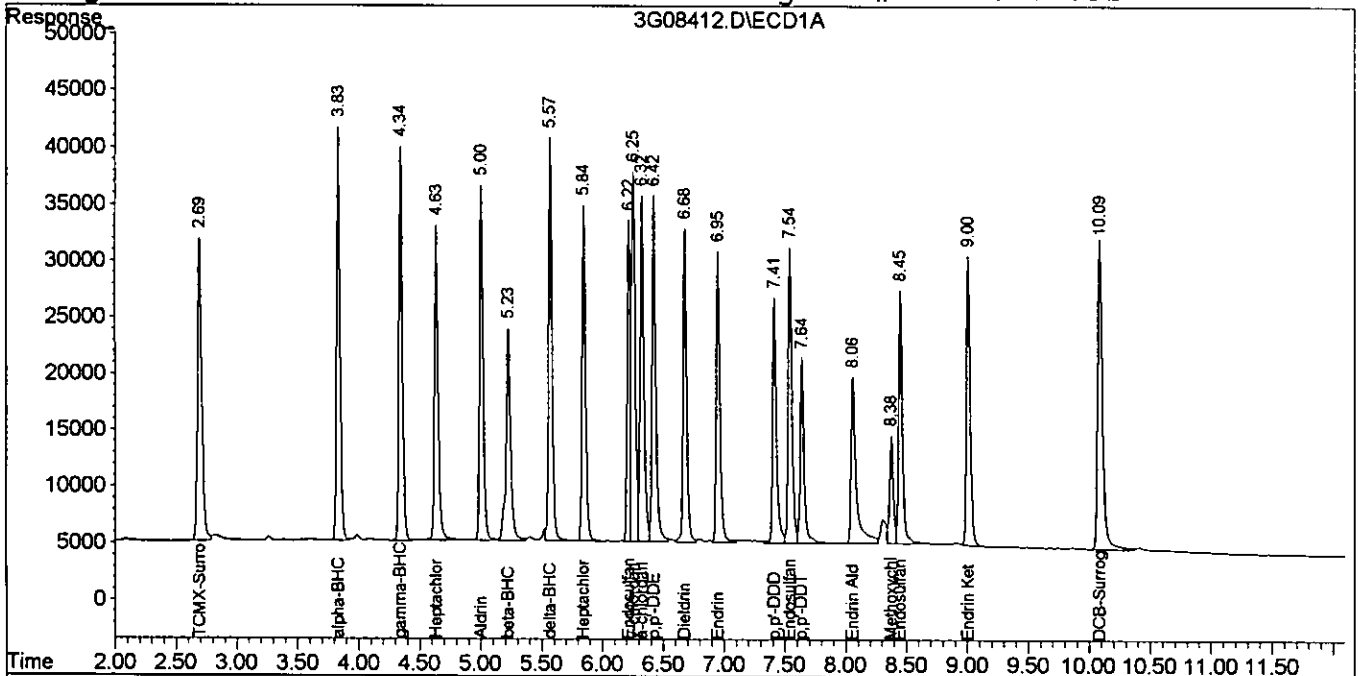
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08412.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08412.D\ECD2B.CH
 Acq On : 5 Aug 2005 7:56 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 9:14 2005 Quant Results File: 3G_P0803.RES

808100

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03464.D\ECD1A.CH Vial: 23
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03464.D\ECD2B.CH
 Acq On : 8-5-05 13:00:24 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 13:51 2005 Quant Results File: 5G_P0729.RES

001339

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	1513.0E6	1331.8E6	244.462	206.357
2) alpha-BHC	8.02	7.63	1814.9E6	1754.3E6	268.120	217.167
3) gamma-BHC	8.54	8.17	1524.6E6	1482.1E6	267.215	220.702
4) beta-BHC	9.43	8.25	645.8E6	606.7E6	244.892	199.179
5) Heptachlor	8.82	8.61	1030.7E6	823.8E6	213.291	174.882
6) delta-BHC	9.76	8.74	1426.2E6	1427.4E6	277.551	213.271
7) Aldrin	9.18	9.05	1461.5E6	1258.2E6	252.144	213.929
8) Heptachlor Epoxi	10.00	9.75	1159.5E6	1095.5E6	247.869	224.105
9) y-chlordane	10.38	9.95	1241.7E6	1057.8E6	236.596	200.023
10) a-chlordane	10.44	10.15	1191.0E6	1017.6E6	223.716	197.166
11) Endosulfan I	10.34	10.20	1095.0E6	988.5E6	245.549	207.123
12) p,p'-DDE	10.51	10.42	1209.5E6	1021.4E6	210.380	198.387
13) Dieldrin	10.77	10.57	966.7E6	993.4E6	226.684	260.608
14) Endrin	11.02	11.02	828.2E6	789.9E6	253.683	288.855
15) p,p'-DDD	11.43	11.08	725.0E6	679.7E6	205.008	228.473
16) Endosulfan II	11.56	11.23	905.6E6	838.2E6	222.687	199.658
17) p,p'-DDT	11.62	11.44	599.2E6	622.5E6	192.547	187.115
18) Endrin Aldehyde	12.04	11.61	545.4E6	637.7E6	221.864	226.305
19) Endosulfan Sulfa	12.39	11.75	767.8E6	729.5E6	198.124	208.009
20) Methoxychlor	12.27	12.43	270.7E6	277.2E6	185.489	221.587
21) Endrin Ketone	12.92	12.71	726.2E6	862.6E6	214.481	220.198
22) DCB-Surrogate	13.91	14.32	1049.7E6	884.8E6	172.726	152.556

08/10/05

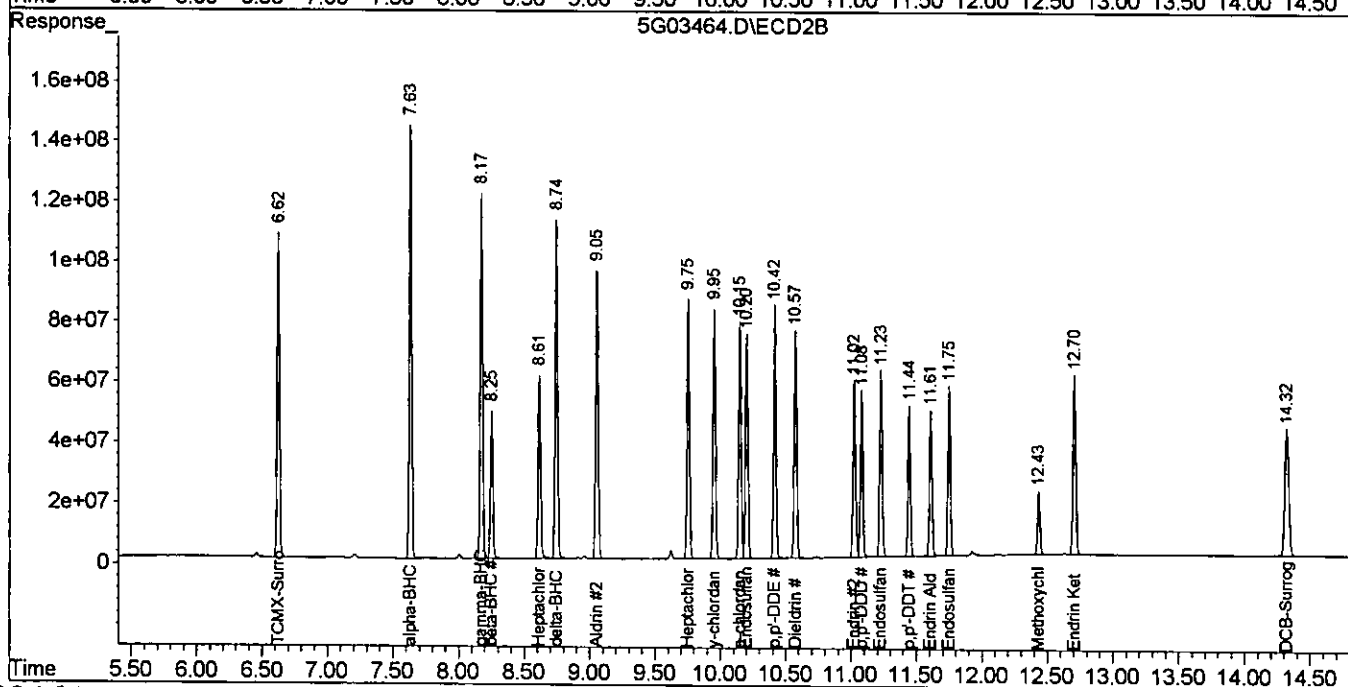
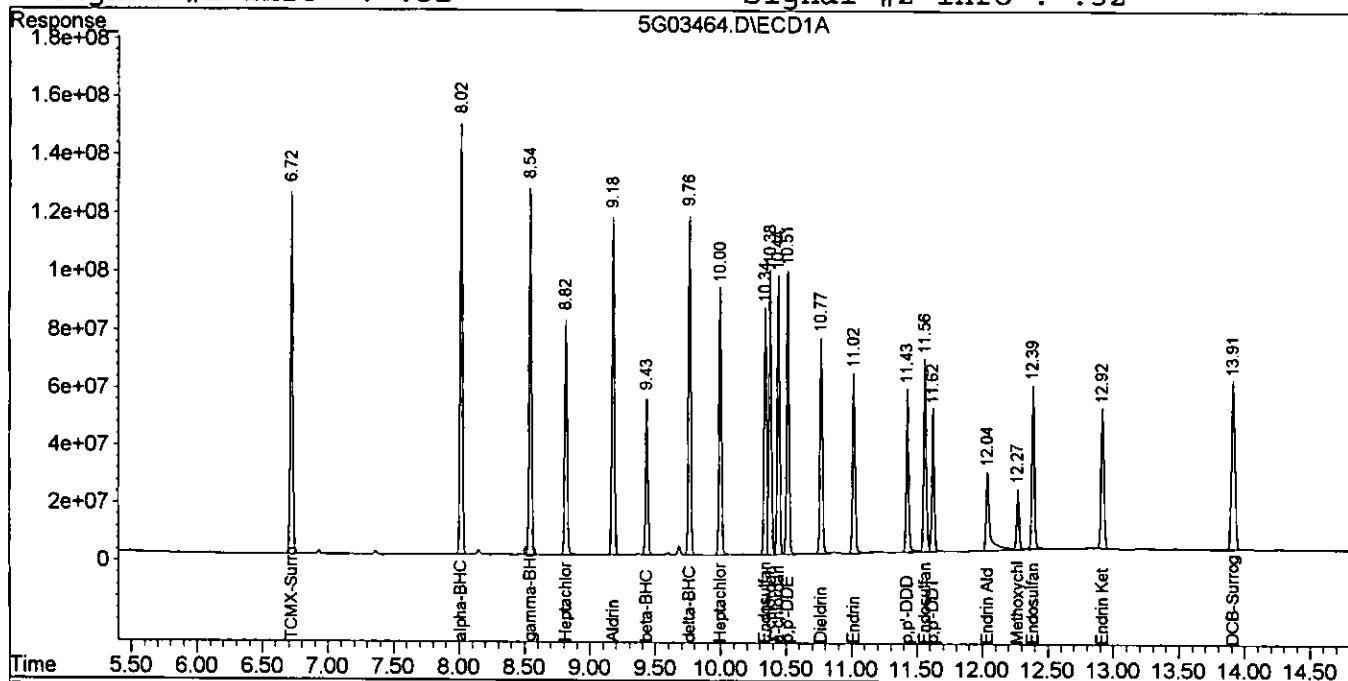
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03464.D\ECD1A.CH Vial: 23
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-05-05\5G03464.D\ECD2B.CH
 Acq On : 8-5-05 13:00:24 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_5
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 13:51 2005 Quant Results File: 5G_P0729.RES

00100

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08430.D\ECD1A.CH Vial: 19
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08430.D\ECD2B.CH
 Acq On : 5 Aug 2005 13:47 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 13:56 2005 Quant Results File: 3G_P0803.RES

001391

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.68	2.74	1313631	3220020	216.050	213.581
2) alpha-BHC	3.83	3.63	1576336	4320070	221.342	209.294
3) gamma-BHC	4.34	4.15	1497630	3922815	222.727	195.110
4) beta-BHC	5.23	4.22	819474	1955701	207.981	212.600
5) Heptachlor	4.63	4.58	1210886	3748819	218.545	191.366
6) delta-BHC	5.57	4.71	1531821	4219340	225.677	205.881
7) Aldrin	5.00	5.02	1398391	3708094	219.138	188.806
8) Heptachlor Epoxi	5.84	5.74	1314057	3490860	210.598	190.872
9) y-chlordane	6.25	5.96	1598338	3543363	216.596	190.473
10) a-chlordane	6.32	6.17	1406723	3173614	205.087	207.032
11) Endosulfan I	6.22	6.22	1016378	3809651	219.594	195.221
12) p,p'-DDE	6.42	6.46	1432862	3578001	209.538	196.525
13) Dieldrin	6.68	6.62	1285464	3537601	218.455	199.412
14) Endrin	6.95	7.11	1200298	3155644	221.002	206.412
15) p,p'-DDD	7.41	7.19	1120162	2974104	213.427	211.695
16) Endosulfan II	7.54	7.34	1270687	3297111	208.969	193.556
17) p,p'-DDT	7.64	7.59	807033	2787963	218.786	216.652
18) Endrin Aldehyde	8.06	7.76	1044401	2611263	212.902	210.811
19) Endosulfan Sulfa	8.45	7.92	1128526	3054058	221.151	201.055
20) Methoxychlor	8.38	8.71	439510	1515952	229.738	219.287
21) Endrin Ketone	9.01	8.96	1298606	3662013	226.197	195.250
22) DCB-Surrogate	10.09	10.64	1751935	4479704	211.618	181.860

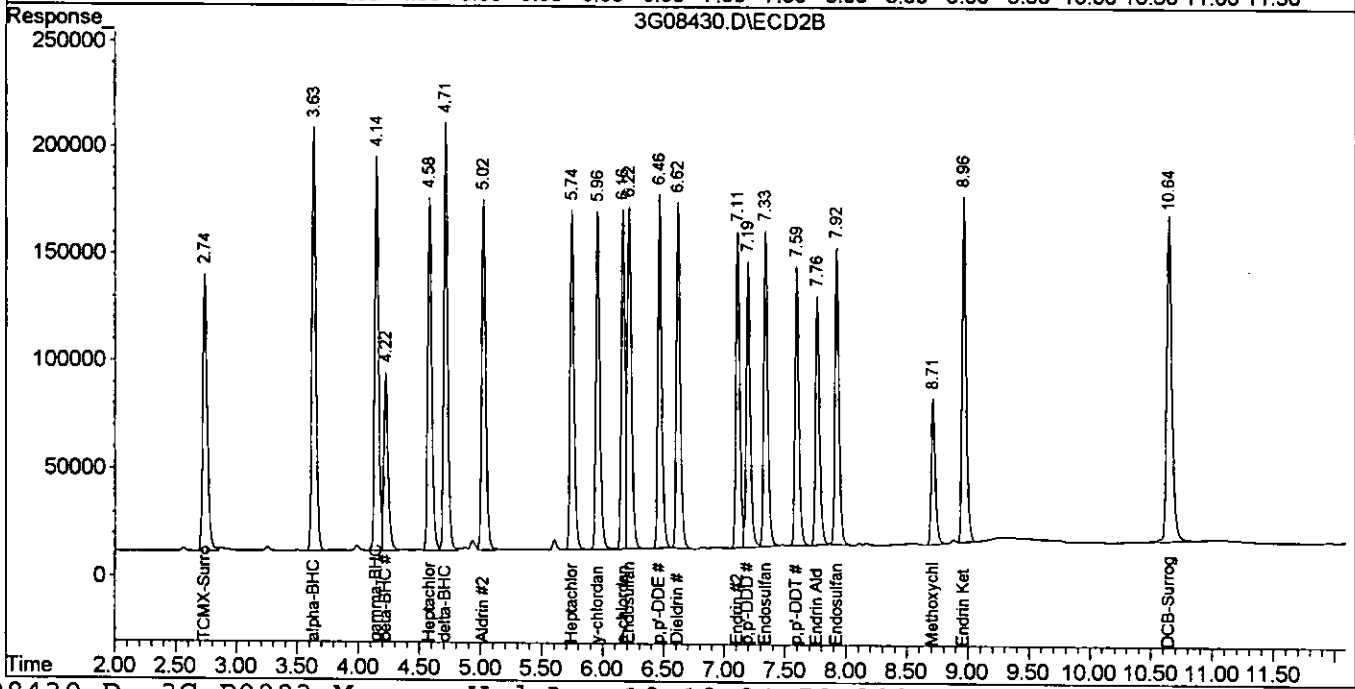
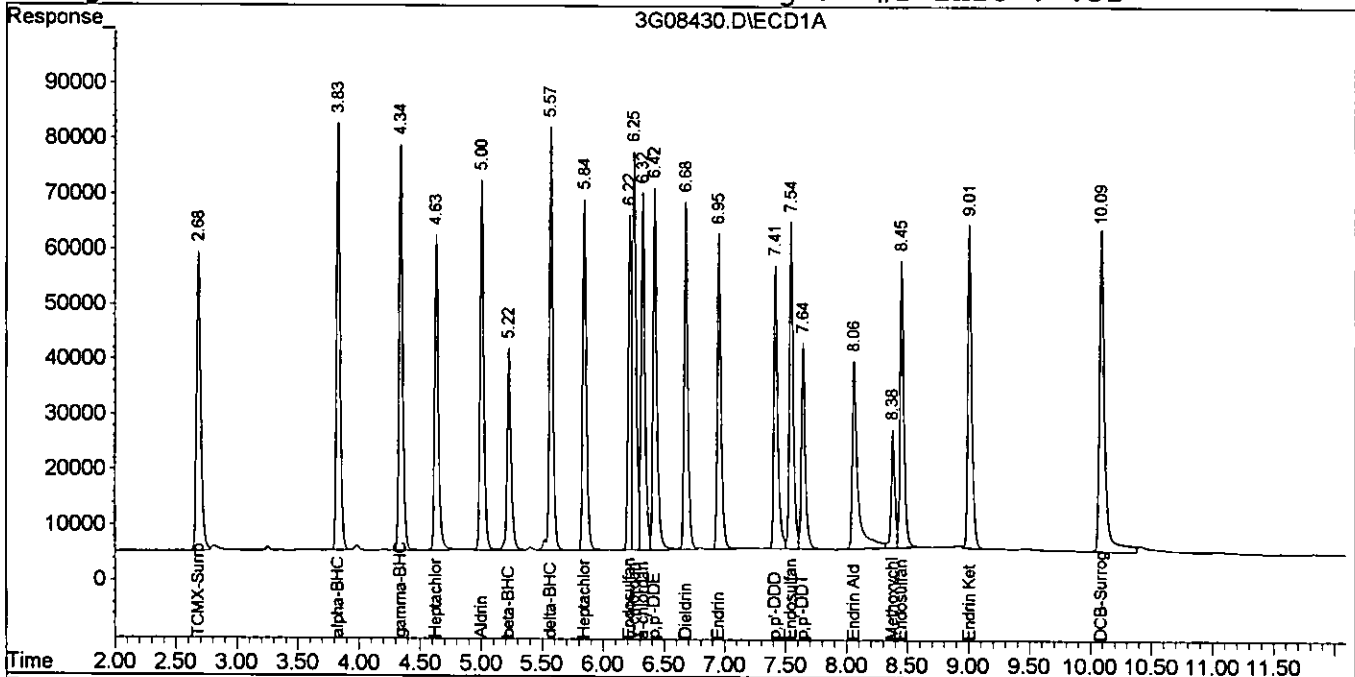
08/10/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08430.D\ECD1A.CH Vial: 19
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08430.D\ECD2B.CH
 Acq On : 5 Aug 2005 13:47 Operator: JK
 Sample : CAL PEST@200PPB Inst : GC_3
 Misc : S,PEST:0.25 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 13:56 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



20050810

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08457.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08457.D\ECD2B.CH
 Acq On : 8 Aug 2005 6:08 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 6:29 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.75	381101	931805	55.944	53.718
2) alpha-BHC	3.83	3.64	380788	1037584	51.494	48.479
3) gamma-BHC	4.34	4.15	375891	991595	52.318	49.319
4) beta-BHC	5.22	4.23	255993	546825	54.502	51.283
5) Heptachlor	4.63	4.58	324725	854676	53.278	43.629
6) delta-BHC	5.57	4.71	349698	993244	46.923	48.465
7) Aldrin	5.00	5.02	346296	981961	51.674	49.999
8) Heptachlor Epoxi	5.84	5.75	335212	917480	53.723	50.166
9) y-chlordane	6.25	5.96	398096	940092	53.947	50.535
10) a-chlordane	6.32	6.17	374289	872121	54.568	51.236
11) Endosulfan I	6.22	6.22	279728	980146	53.602	50.227
12) p,p'-DDE	6.42	6.47	371731	909341	54.361	49.946
13) Dieldrin	6.67	6.62	291051	816756	49.462	46.040
14) Endrin	6.95	7.11	250501	646182	46.123	42.267
15) p,p'-DDD	7.41	7.19	239089	610299	45.554	40.650
16) Endosulfan II	7.54	7.34	320317	864213	52.677	50.733
17) p,p'-DDT	7.64	7.59	163127	493803	46.913	39.218
18) Endrin Aldehyde	8.06	7.76	250934	677396	51.153	48.341
19) Endosulfan Sulfa	8.45	7.92	255584	717826	50.085	47.256
20) Methoxychlor	8.38	8.71	77183	226414	37.721	32.751
21) Endrin Ketone	9.00	8.96	295815	913764	47.654	48.720
22) DCB-Surrogate	10.09	10.65	401727	1243907	48.525	50.498
23) Chlordane {1}	4.63	4.58	324725	854676	970.638	824.873
24) Chlordane {2}	6.32	5.96	374289	940092	595.069	248.515 #
25) Chlordane {3}	6.42	6.17	371731	872121	337.018	559.517 #
26) Toxaphene {1}	0.00	7.19f	0	610299	N.D.	1282.370 #
27) Toxaphene {2}	7.41	7.11	239089	646182	10618.338	3330.135 #
28) Toxaphene {3}	7.64	7.59f	163127	493803	6534.317	2827.141 #
29) Toxaphene {4}	8.06f	0.00	250934	0	10069.493	N.D. #
30) Toxaphene {5}	8.45f	0.00	255584	0	9131.092	N.D. #

08/10/05

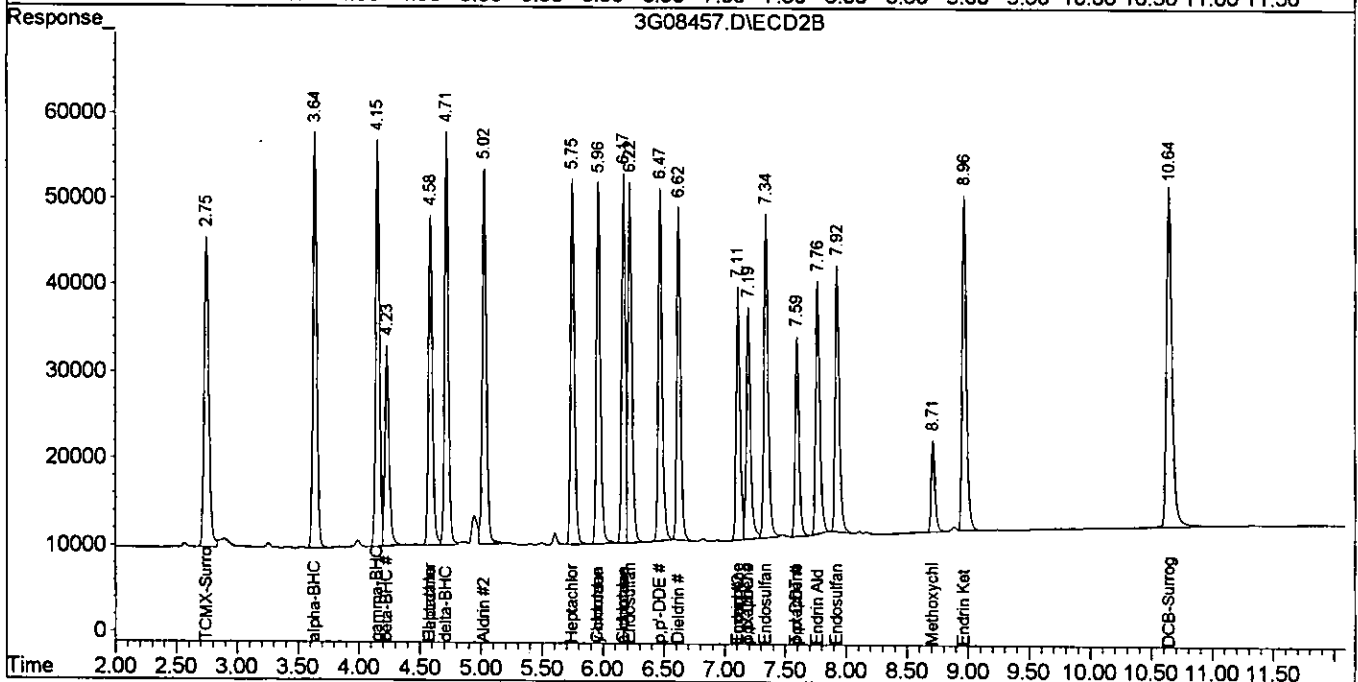
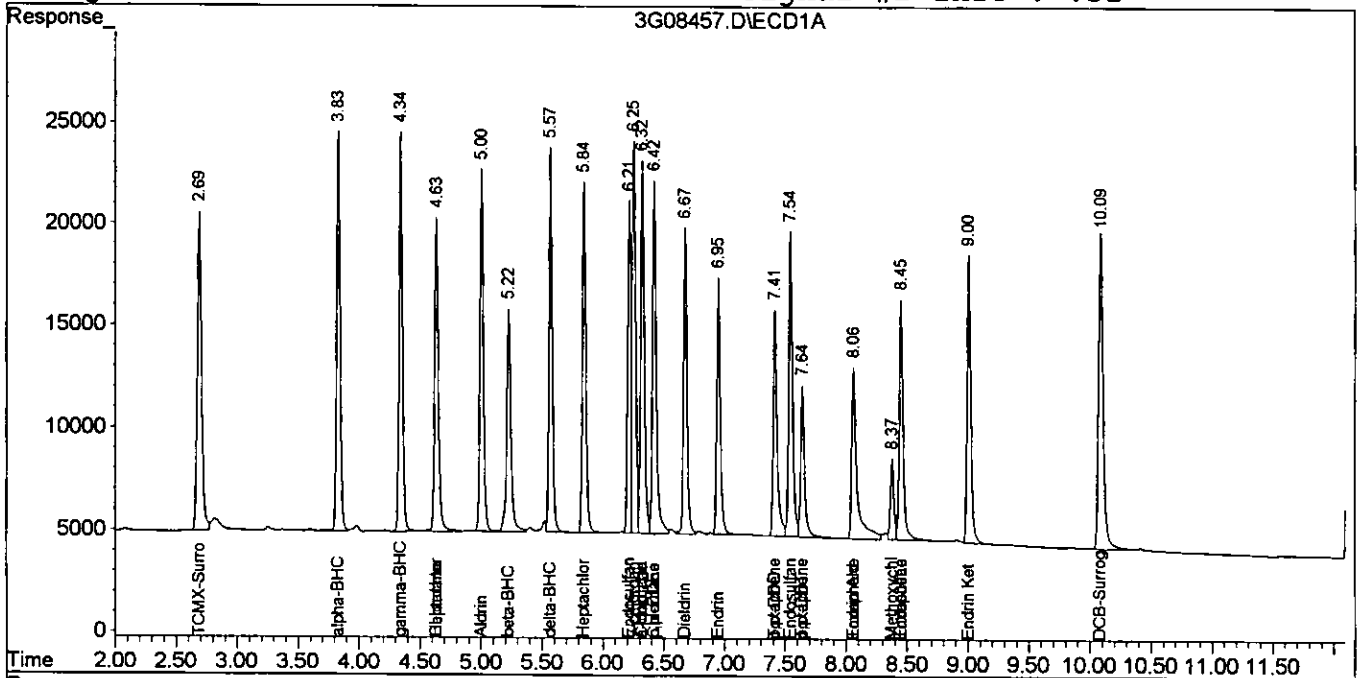
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08457.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08457.D\ECD2B.CH
 Acq On : 8 Aug 2005 6:08 Operator: JK
 Sample : CAL PEST@50PPB Inst : GC_3
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 6:29 2005 Quant Results File: 3G_P0803.RES

GC100

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08479.D\ECD1A.CH Vial: 23
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08479.D\ECD2B.CH
 Acq On : 8 Aug 2005 13:20 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 13:28 2005 Quant Results File: 3G_P0803.RES

00139

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.74	649661	1640287	99.946	103.215
2) alpha-BHC	3.83	3.63	721019	2036670	99.830	97.426
3) gamma-BHC	4.34	4.14	676050	1931979	97.917	96.092
4) beta-BHC	5.23	4.22	459102	1036568	106.441	107.359
5) Heptachlor	4.63	4.58	571500	1779583	99.301	90.842
6) delta-BHC	5.57	4.71	1113793	2061184	162.465	100.575 #
7) Aldrin	5.01	5.02	654908	1863884	100.797	94.904
8) Heptachlor Epoxi	5.85	5.74	637126	1760845	102.109	96.279
9) y-chlordane	6.25	5.96	747010	1787108	101.230	96.066
10) a-chlordane	6.33	6.16	683061	1614897	99.584	101.517
11) Endosulfan I	6.22	6.21	513286	1896651	106.230	97.192
12) p,p'-DDE	6.42	6.46	709207	1800349	103.713	98.886
13) Dieldrin	6.68	6.62	594740	1741679	101.071	98.177
14) Endrin	6.95	7.11	570116	1553756	104.971	101.632
15) p,p'-DDD	7.41	7.19	527542	1445005	100.514	101.049
16) Endosulfan II	7.54	7.34	614575	1673655	101.069	98.251
17) p,p'-DDT	7.64	7.59	362250	1332511	100.063	104.085
18) Endrin Aldehyde	8.06	7.76	492158	1379548	100.327	107.331
19) Endosulfan Sulfa	8.45	7.92	525954	1547603	103.068	101.882
20) Methoxychlor	8.38	8.71	206998	750364	106.516	108.542
21) Endrin Ketone	9.01	8.96	624664	1877318	106.204	100.094
22) DCB-Surrogate	10.09	10.64	836698	2411214	101.066	97.887

08/10/05

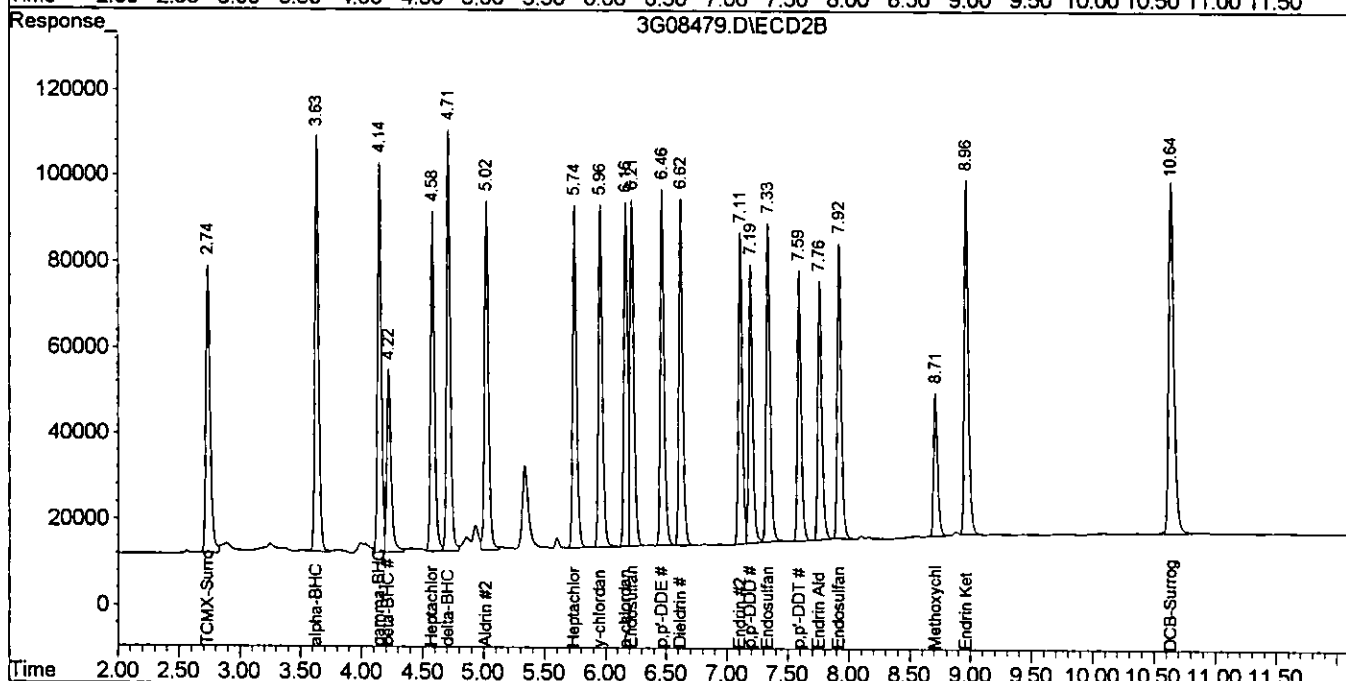
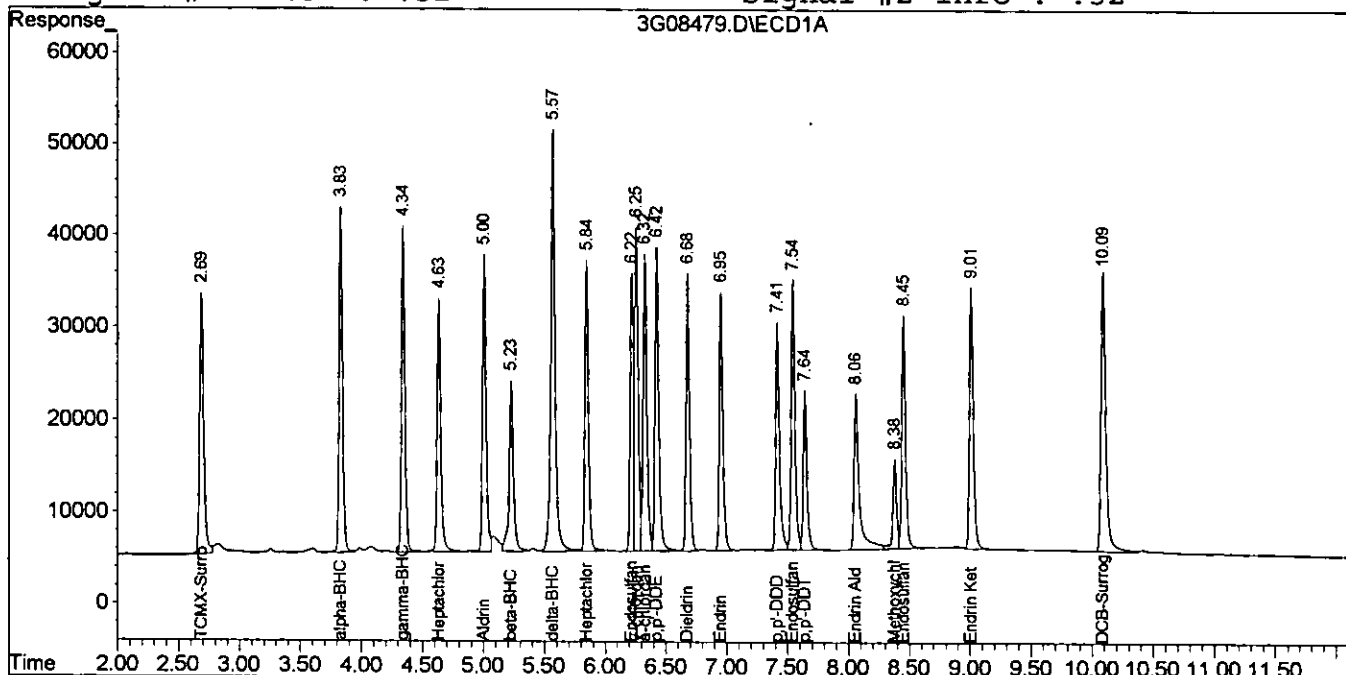
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08479.D\ECD1A.CH Vial: 23
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08479.D\ECD2B.CH
 Acq On : 8 Aug 2005 13:20 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_3
 Misc : S,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 13:28 2005 Quant Results File: 3G_P0803.RES

GC100

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03491.D\ECD1A.CH Vial: 24
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03491.D\ECD2B.CH
 Acq On : 8-8-05 14:15:33 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 14:32 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 09:57:52 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	824.2E6	715.0E6	107.259	104.869
2) alpha-BHC	8.00	7.62	980.0E6	944.2E6	113.013	106.533
3) gamma-BHC	8.53	8.16	843.7E6	821.9E6	111.539	105.696
4) beta-BHC	9.42	8.24	372.5E6	341.0E6	103.669	96.594
5) Heptachlor	8.80	8.61	640.6E6	571.3E6	105.133	98.297
6) delta-BHC	9.75	8.74	823.5E6	824.9E6	113.409	103.929
7) Aldrin	9.16	9.05	794.9E6	721.6E6	106.061	104.638
8) Heptachlor Epoxi	9.98	9.74	670.6E6	642.0E6	110.101	104.232
9) y-chlordane	10.37	9.94	749.3E6	644.7E6	111.297	102.655
10) a-chlordane	10.43	10.14	721.8E6	590.3E6	108.970	94.796
11) Endosulfan I	10.33	10.19	656.7E6	594.9E6	111.563	100.440
12) p,p'-DDE	10.50	10.41	768.8E6	635.7E6	109.482	103.951
13) Dieldrin	10.76	10.57	571.6E6	596.1E6	114.631m	114.025
14) Endrin	11.00	11.01	522.1E6	501.3E6	116.088m	117.646m
15) p,p'-DDD	11.41	11.07	481.8E6	426.6E6	112.285	114.423
16) Endosulfan II	11.55	11.22	573.2E6	539.2E6	112.136	107.069
17) p,p'-DDT	11.61	11.43	448.5E6	434.2E6	114.026	105.666
18) Endrin Aldehyde	12.03	11.60	337.4E6	408.3E6	110.182	102.011
19) Endosulfan Sulfa	12.37	11.74	507.4E6	489.5E6	111.374	109.049
20) Methoxychlor	12.26	12.42	181.0E6	177.3E6	109.554m	113.265m
21) Endrin Ketone	12.90	12.70	469.5E6	549.1E6	112.055m	108.657
22) DCB-Surrogate	13.90	14.31	702.4E6	592.2E6	101.967	95.622

08/10/0

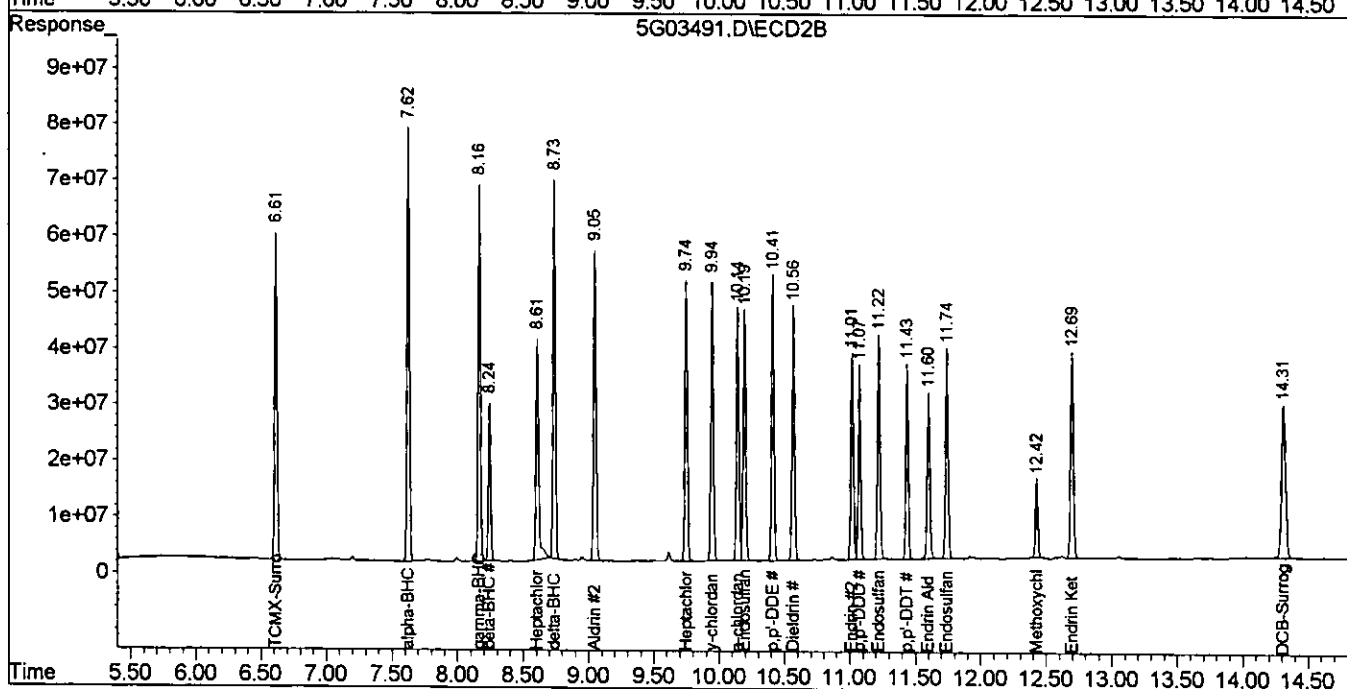
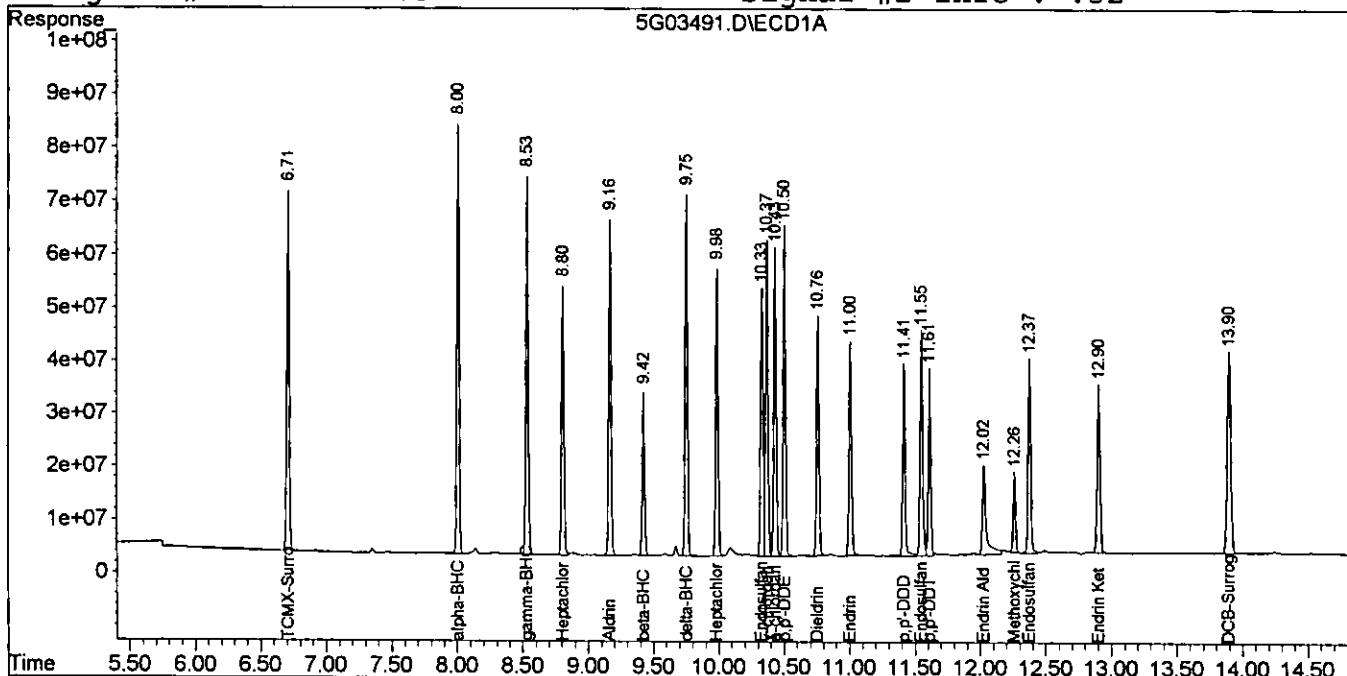
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03491.D\ECD1A.CH Vial: 24
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03491.D\ECD2B.CH
 Acq On : 8-8-05 14:15:33 Operator: JK
 Sample : CAL PEST@100PPB Inst : GC_5
 Misc : A,PEST:0.5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 14:32 2005 Quant Results File: 5G_P0808.RES

001998
868100

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Mon Aug 08 09:57:52 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



**GC Pesticide Data
Raw QC Data**

Form1

ORGANICS PESTICIDE REPORT

Sample Number: SMB727B
Client Id:
Data File: 3G08416.D
Analysis Date: 08/05/05 09:22
Date Rec/Extracted: NA-08/04/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

001400

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0050	U	7421-93-4	Endrin Aldehyde	0.0050	U
319-84-6	alpha-BHC	0.0050	U	53494-70-5	Endrin Ketone	0.0050	U
319-85-7	beta-BHC	0.0050	U	58-89-9	gamma-BHC	0.0050	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0050	U
319-86-8	delta-BHC	0.0050	U	1024-57-3	Heptachlor Epoxide	0.0050	U
60-57-1	Dieldrin	0.0050	U	72-43-5	Methoxychlor	0.0050	U
959-98-8	Endosulfan I	0.0050	U	72-54-8	p,p'-DDD	0.0050	U
33213-65-9	Endosulfan II	0.0050	U	72-55-9	p,p'-DDE	0.0050	U
1031-07-8	Endosulfan Sulfate	0.0050	U	50-29-3	p,p'-DDT	0.0050	U
72-20-8	Endrin	0.0050	U	8001-35-2	Toxaphene	0.025	U

Worksheet #: 18038

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08416.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08416.D\ECD2B.CH
 Acq On : 5 Aug 2005 9:22 Operator: JK
 Sample : SMB727B Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 9:51 2005 Quant Results File: 3G_P0803.RES

001401

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.74	460418	1069189	68.782	63.316
22) DCB-Surrogate	10.09	10.65	550853	1484123	66.538	60.250

02/09/01

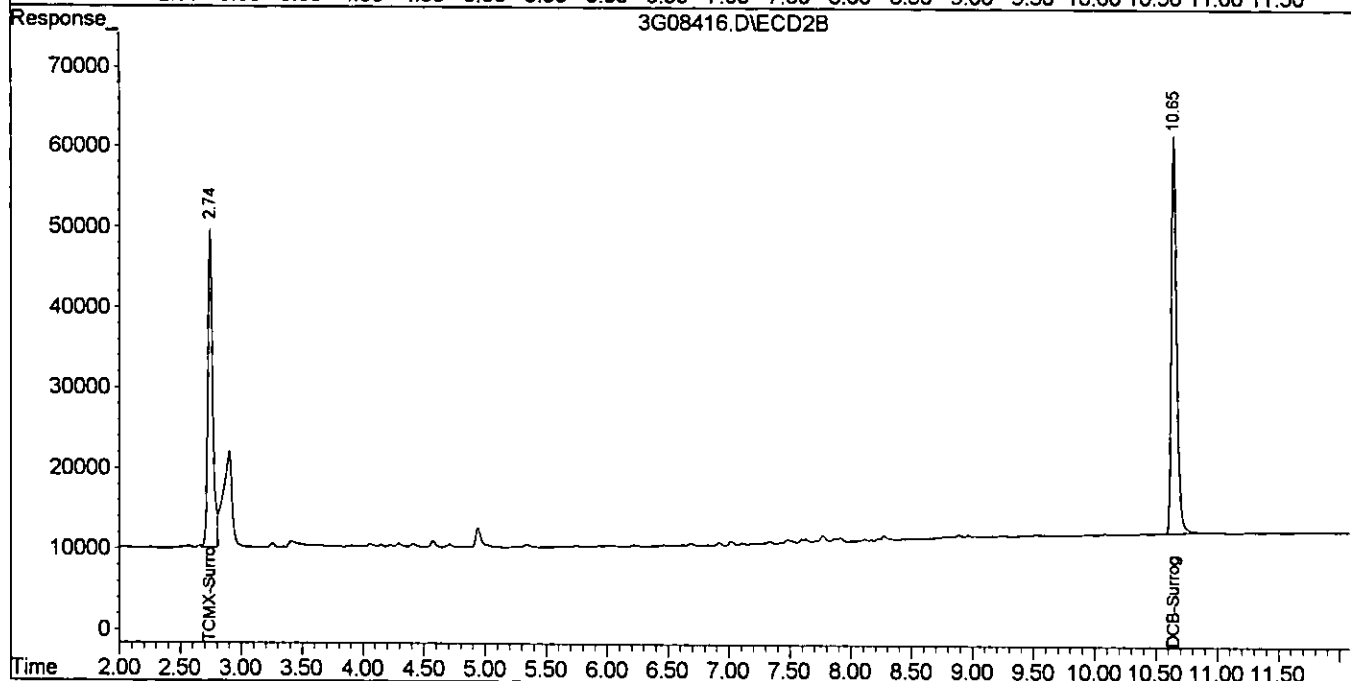
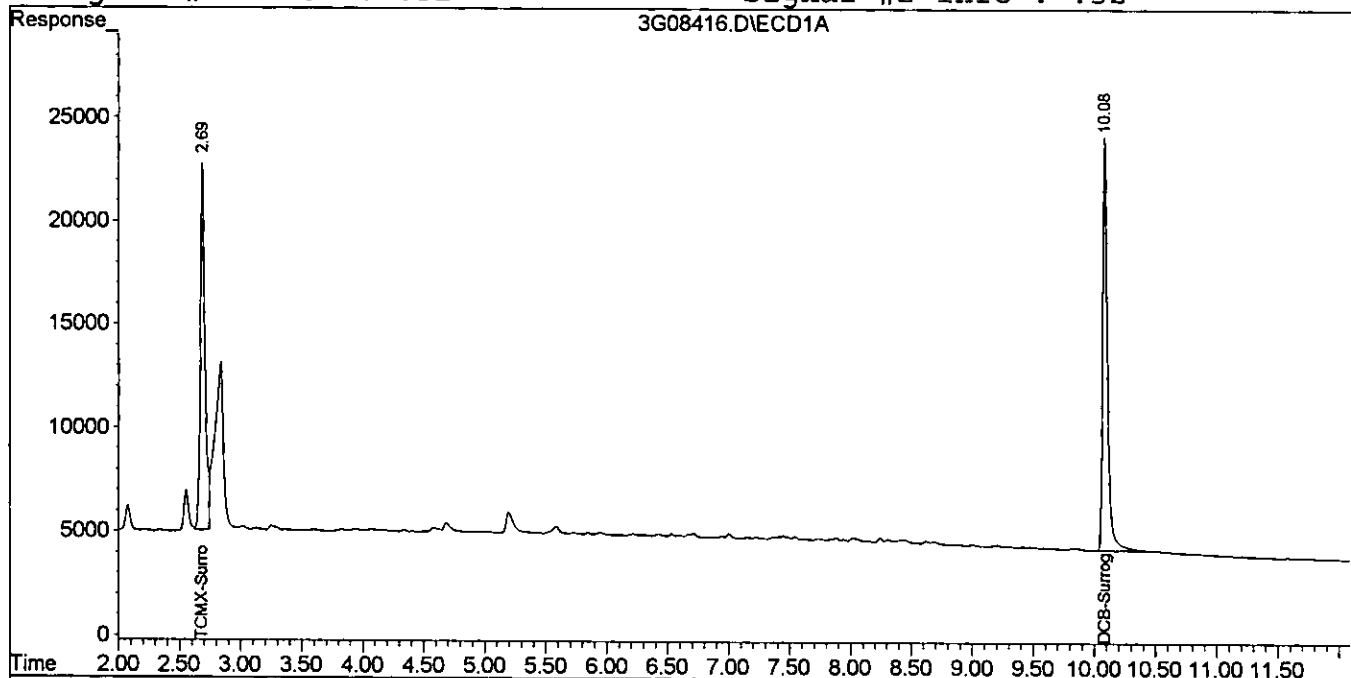
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08416.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08416.D\ECD2B.CH
Acq On : 5 Aug 2005 9:22 Operator: JK
Sample : SMB727B Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 9:51 2005 Quant Results File: 3G_P0803.RES

001406

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Inter
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 13:24:25 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form1

ORGANICS PESTICIDE REPORT

Sample Number: SMB728B

Client Id:

Data File: 3G08459.D

Analysis Date: 08/08/05 06:56

Date Rec/Extracted: NA-08/05/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 100

001403

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0050	U	7421-93-4	Endrin Aldehyde	0.0050	U
319-84-6	alpha-BHC	0.0050	U	53494-70-5	Endrin Ketone	0.0050	U
319-85-7	beta-BHC	0.0050	U	58-89-9	gamma-BHC	0.0050	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0050	U
319-86-8	delta-BHC	0.0050	U	1024-57-3	Heptachlor Epoxide	0.0050	U
60-57-1	Dieldrin	0.0050	U	72-43-5	Methoxychlor	0.0050	U
959-98-8	Endosulfan I	0.0050	U	72-54-8	p,p'-DDD	0.0050	U
33213-65-9	Endosulfan II	0.0050	U	72-55-9	p,p'-DDE	0.0050	U
1031-07-8	Endosulfan Sulfate	0.0050	U	50-29-3	p,p'-DDT	0.0050	U
72-20-8	Endrin	0.0050	U	8001-35-2	Toxaphene	0.025	U

Worksheet #: 18038

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
 B - Indicates the analyte was found in the blank as well as in the sample.
 E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
 J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08459.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08459.D\ECD2B.CH
 Acq On : 8 Aug 2005 6:56 Operator: JK
 Sample : SMB728B Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 7:31 2005 Quant Results File: 3G_P0803.RES

001404

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.69	2.74	607743	1438076	92.976	89.088
22) DCB-Surrogate	10.09	10.65	671733	1955399	81.139	79.382

08/09/01

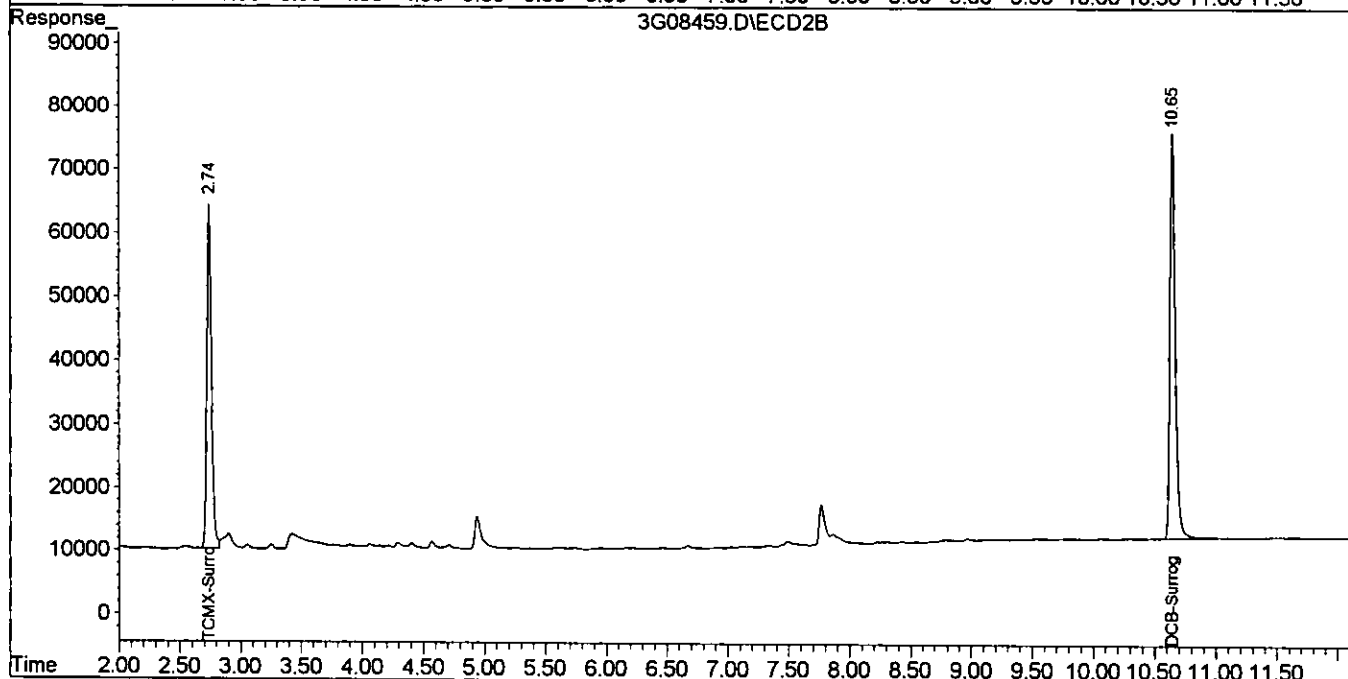
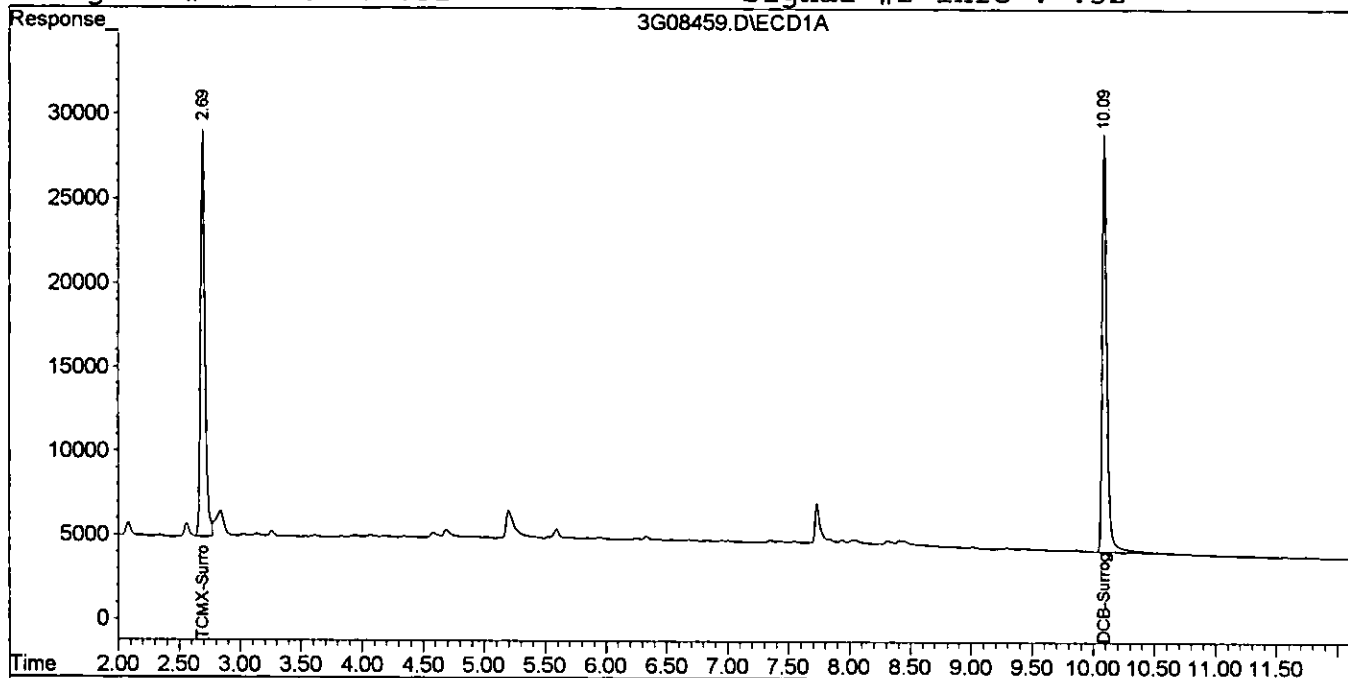
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08459.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08459.D\ECD2B.CH
Acq On : 8 Aug 2005 6:56 Operator: JK
Sample : SMB728B Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 7:31 2005 Quant Results File: 3G_P0803.RES

001405

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 13:24:25 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form1

ORGANICS PESTICIDE REPORT

001406

Sample Number: SMB726B
Client Id:
Data File: 5G03422.D
Analysis Date: 08/04/05 06:04
Date Rec/Extracted: NA-08/03/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0050	U	7421-93-4	Endrin Aldehyde	0.0050	U
319-84-6	alpha-BHC	0.0050	U	53494-70-5	Endrin Ketone	0.0050	U
319-85-7	beta-BHC	0.0050	U	58-89-9	gamma-BHC	0.0050	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0050	U
319-86-8	delta-BHC	0.0050	U	1024-57-3	Heptachlor Epoxide	0.0050	U
60-57-1	Dieldrin	0.0050	U	72-43-5	Methoxychlor	0.0050	U
959-98-8	Endosulfan I	0.0050	U	72-54-8	p,p'-DDD	0.0050	U
33213-65-9	Endosulfan II	0.0050	U	72-55-9	p,p'-DDE	0.0050	U
1031-07-8	Endosulfan Sulfate	0.0050	U	50-29-3	p,p'-DDT	0.0050	U
72-20-8	Endrin	0.0050	U	8001-35-2	Toxaphene	0.025	U

Worksheet #: 18038

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03422.D\ECD1A.CH Vial: 3
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03422.D\ECD2B.CH
 Acq On : 8-4-05 6:04:14 Operator: JK
 Sample : SMB726B Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 7:13 2005 Quant Results File: 5G_P0729.RES

001407

Quant Method : G:\GC DATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
 Title : @GC_5,ug,608,8081
 Last Update : Fri Jul 29 11:15:46 2005
 Response via : Initial Calibration
 DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.72	6.62	509.1E6	513.4E6	82.250	79.543
22) DCB-Surrogate	13.92	14.32	564.2E6	501.2E6	92.838	86.422

08/09/05

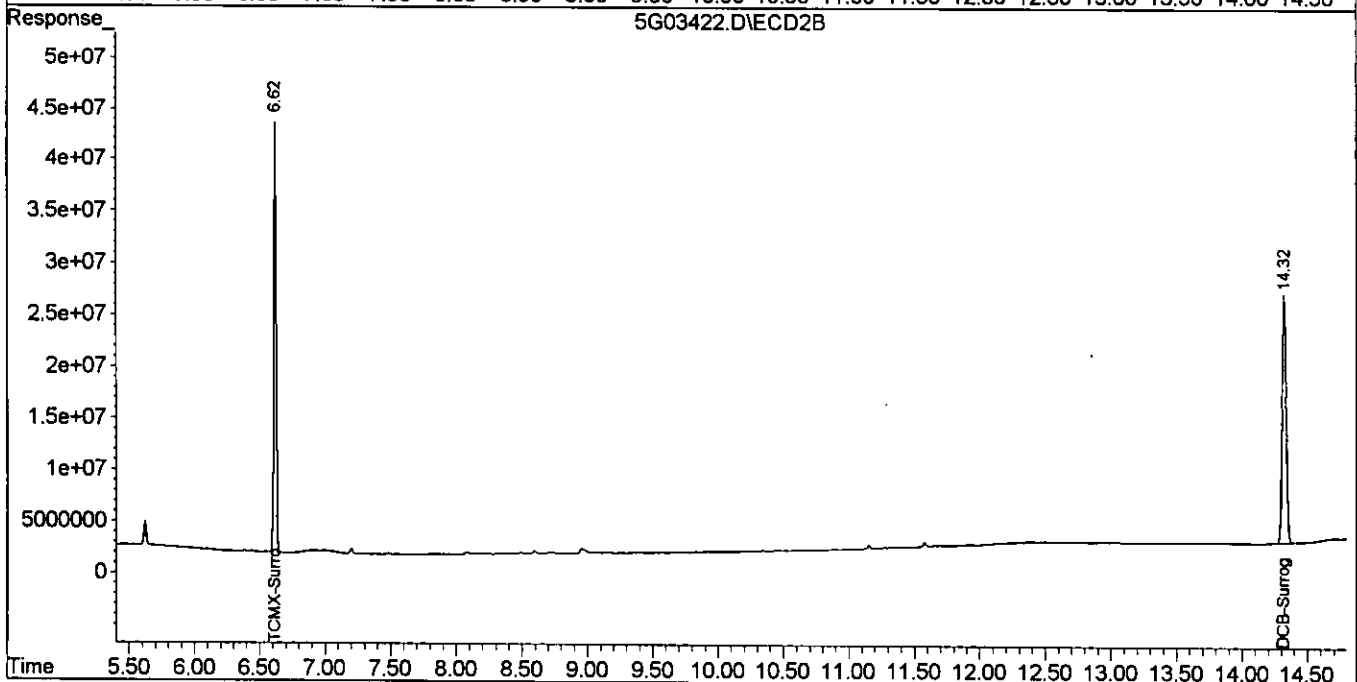
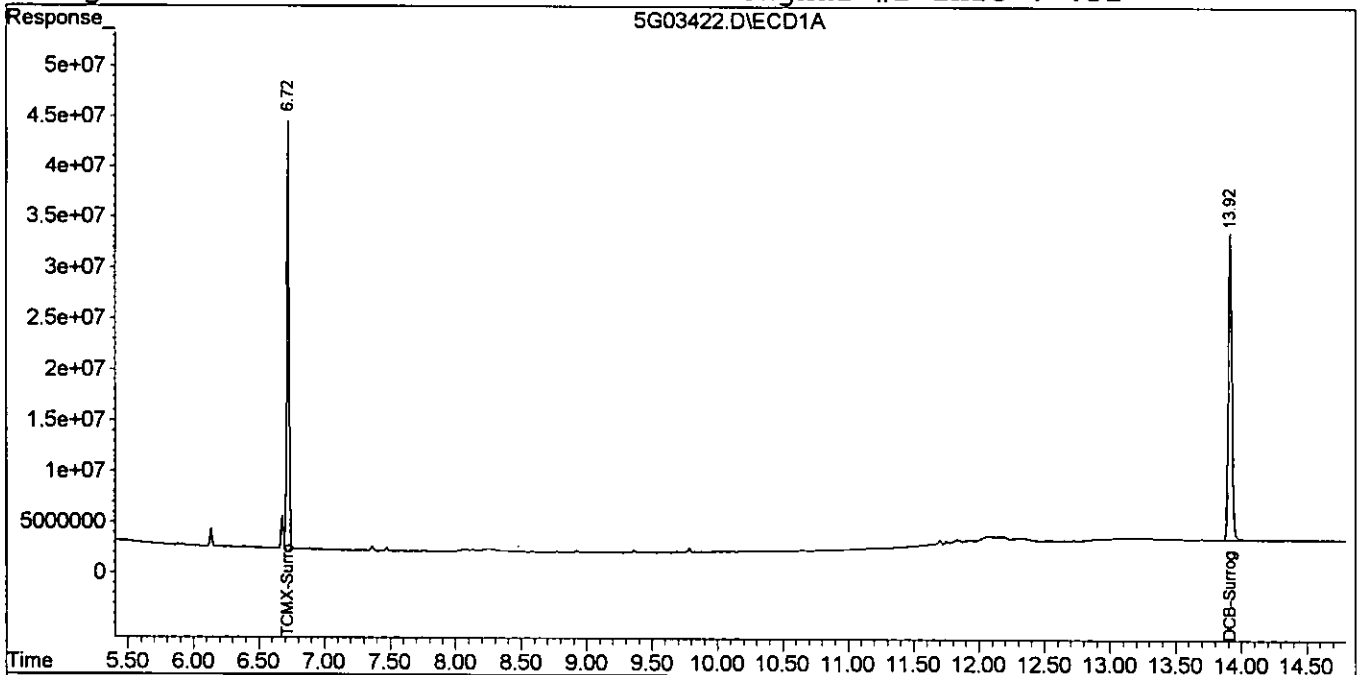
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03422.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-04-05\5G03422.D\ECD2B.CH
Acq On : 8-4-05 6:04:14 Operator: JK
Sample : SMB726B Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 4 7:13 2005 Quant Results File: 5G_P0729.RES

001408

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 11:15:46 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Form3
MBS Data
Method: 8081

Data File: →
Data/Batch/Sample ID: →
Date/Time: →

Compound	Limit(s)				Conc %			Conc %			Conc %			Conc %		
	Soil	Aq	Col	Mr	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec
Aldrin	34-132		1	0	94.67	100	95									
Dieldrin	31-134		1	0	89.6	100	90									
Endrin	42-139		1	0	86.76	100	87									
gamma-BHC	46-127		1	0	93.29	100	93									
Heptachlor	35-130		1	0	101.3	100	101									
p,p'-DDT	23-134		1	0	86.26	100	86									

0140

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08461.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08461.D\ECD2B.CH
 Acq On : 8 Aug 2005 7:29 Operator: JK
 Sample : SMB728B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 7:52 2005 Quant Results File: 3G_P0803.RES

001410

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.69	2.75	572472	1376122	87.142	84.760
2) alpha-BHC	3.83	3.64	647986	1750441	89.454	83.404
3) gamma-BHC	4.34	4.15	645592	1681152	93.290	83.616
4) beta-BHC	5.22	4.23	428985	912288	98.529	93.129
5) Heptachlor	4.63	4.58	582094	1517060	101.277	77.441
6) delta-BHC	5.57	4.71	501267	1355433	69.843	66.138
7) Aldrin	5.00	5.02	616421	1634106	94.671	83.204
8) Heptachlor Epoxi	5.84	5.75	588374	1571511	94.296	85.926
11) Endosulfan I	6.21	6.22	557600	1483583	116.216	76.025 #
12) p,p'-DDE	6.42	6.47	637817	1579781	93.273	86.771
13) Dieldrin	6.68	6.62	527218	1501555	89.597	84.641
14) Endrin	6.95	7.11	471213	1197065	86.761	78.300
15) p,p'-DDD	7.41	7.19	421632	1131005	80.335	78.328
16) Endosulfan II	7.54	7.34	549169	1430134	90.313	83.956
17) p,p'-DDT	7.64	7.59	310526	997561	86.257	78.180
18) Endrin Aldehyde	8.06	7.76	407172	1217856	83.002	93.747
19) Endosulfan Sulfa	8.45	7.92	443902	1158318	86.989	76.254
20) Methoxychlor	8.37	8.71	187021	479253	95.930	69.325 #
21) Endrin Ketone	9.00	8.96	517933	1546349	87.201	82.448
22) DCB-Surrogate	10.09	10.64	673551	1939827	81.359	78.750

08/10/05

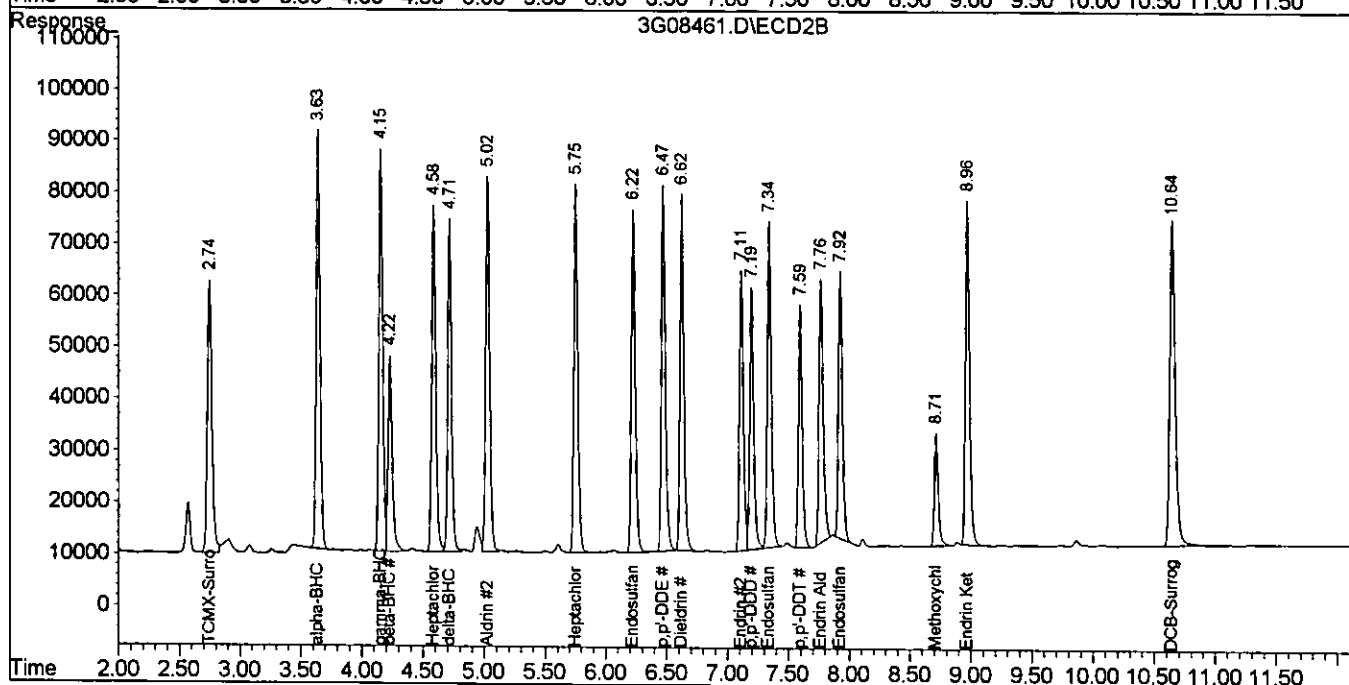
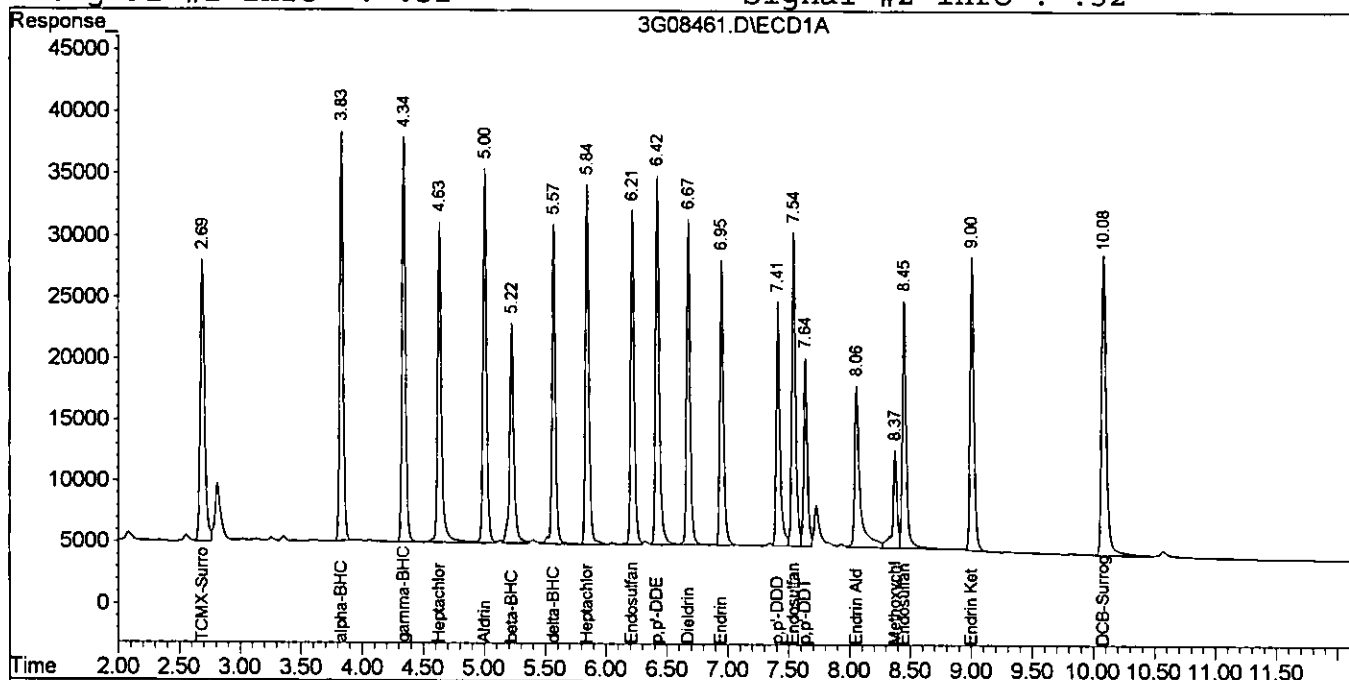
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08461.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08461.D\ECD2B.CH
 Acq On : 8 Aug 2005 7:29 Operator: JK
 Sample : SMB728B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 7:52 2005 Quant Results File: 3G_P0803.RES

001411

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



FORM 3
Spike Recovery

Batch Number: SMB725B

Mbs File: 3G08361.D

Mbs Name: SMB725B(MS)

Non Spk'd File: 3G08320.D

Ns Name: AC18786-001

Spike File: 3G08362.D

Ms Name: AC18786-001(MS)

Spike Dup File: 3G08363.D

Msd Name: AC18786-001(MSD)

Matrix: Soil

Method: 8081

001412

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	93.16	0.00	94.26	97.49	93	94	97	3.4
Heptachlor	1	0	100	35	130	31	102.29	0.00	106.35	108.49	102	106	108	2
Aldrin	1	0	100	34	132	43	94.40	0.00	97.05	100.55	94	97	101	3.5
Dieldrin	1	0	100	31	134	38	100.94	0.00	110.43	120.96	101	110	121	9.1
Endrin	1	0	100	42	139	45	100.54	0.00	126.59	122.13	101	127	122	3.6
p,p'-DDT	1	0	100	23	134	50	99.07	0.00	114.93	107.99	99	115	108	6.2

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08361.D\ECD1A.CH Vial: 15
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08361.D\ECD2B.CH
 Acq On : 4 Aug 2005 3:07 Operator: JK
 Sample : SMB725B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:22 2005 Quant Results File: 3G_P0803.RES

001413

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:04:59 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.68	2.74	587620	1412956	89.644	87.333
2) alpha-BHC	3.83	3.63	640366	1741652	88.371	82.973
3) gamma-BHC	4.34	4.15	644719	1687578	93.157	83.936
4) beta-BHC	5.23	4.22	414348	913670	94.712	93.287
5) Heptachlor	4.63	4.58	587540	1644554	102.292	83.949
6) delta-BHC	5.57	4.71	498755	1395443	69.463	68.090
7) Aldrin	5.00	5.02	614746	1654406	94.404	84.238
8) Heptachlor Epoxi	5.85	5.75	608113	1634792	97.460	89.386
11) Endosulfan I	6.22	6.22	579931	1561216	121.248	80.003 #
12) p,p'-DDE	6.42	6.47	676596	1688071	98.944	92.719
13) Dieldrin	6.68	6.62	593980	1650182	100.942	93.019
14) Endrin	6.95	7.11	546071	1404462	100.544	91.866
15) p,p'-DDD	7.42	7.19	511975	1361812	97.548	95.029
16) Endosulfan II	7.54	7.34	593056	1558148	97.530	91.470
17) p,p'-DDT	7.64	7.59	358524	1211898	99.069	94.757
18) Endrin Aldehyde	8.06	7.76	426526	1199164	86.948	92.177
19) Endosulfan Sulfa	8.45	7.92	485440	1305062	95.129	85.915
20) Methoxychlor	8.38	8.71	200164	668504	102.895	96.701
21) Endrin Ketone	9.01	8.97	592201	1758283	100.424	93.748
22) DCB-Surrogate	10.09	10.65	795505	2212530	96.090	89.821

08/10/05

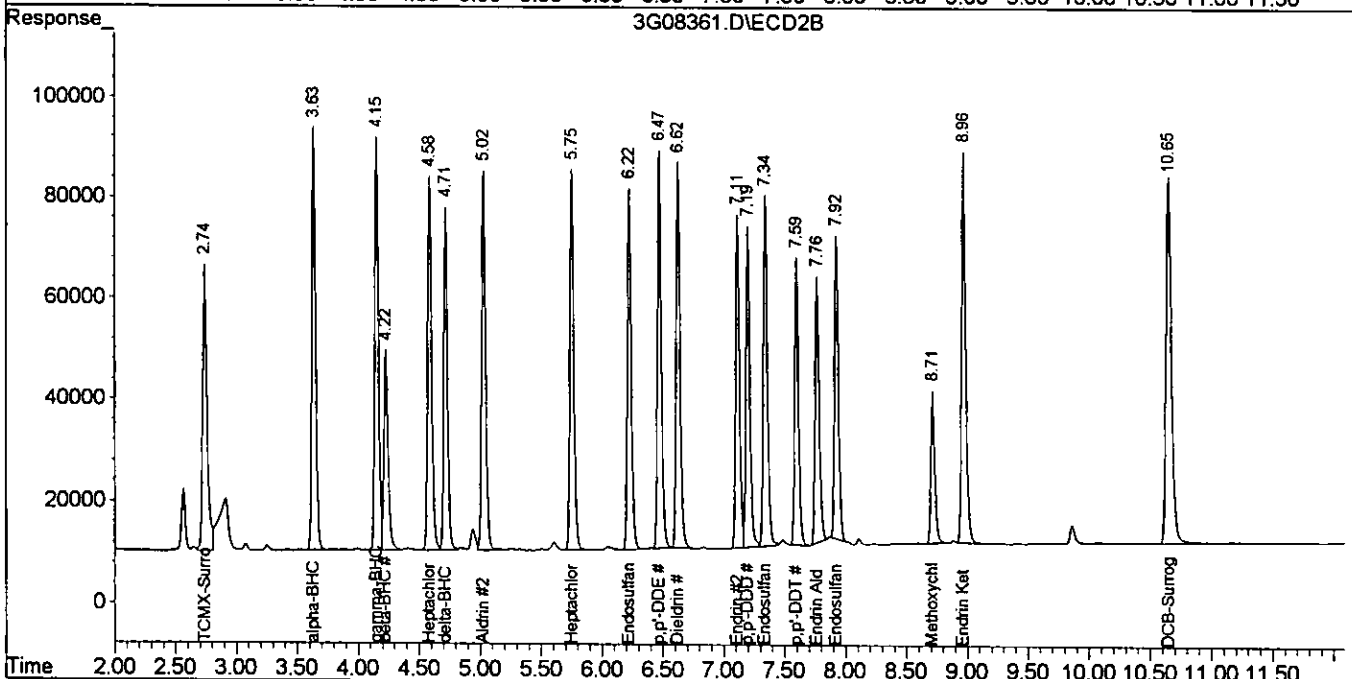
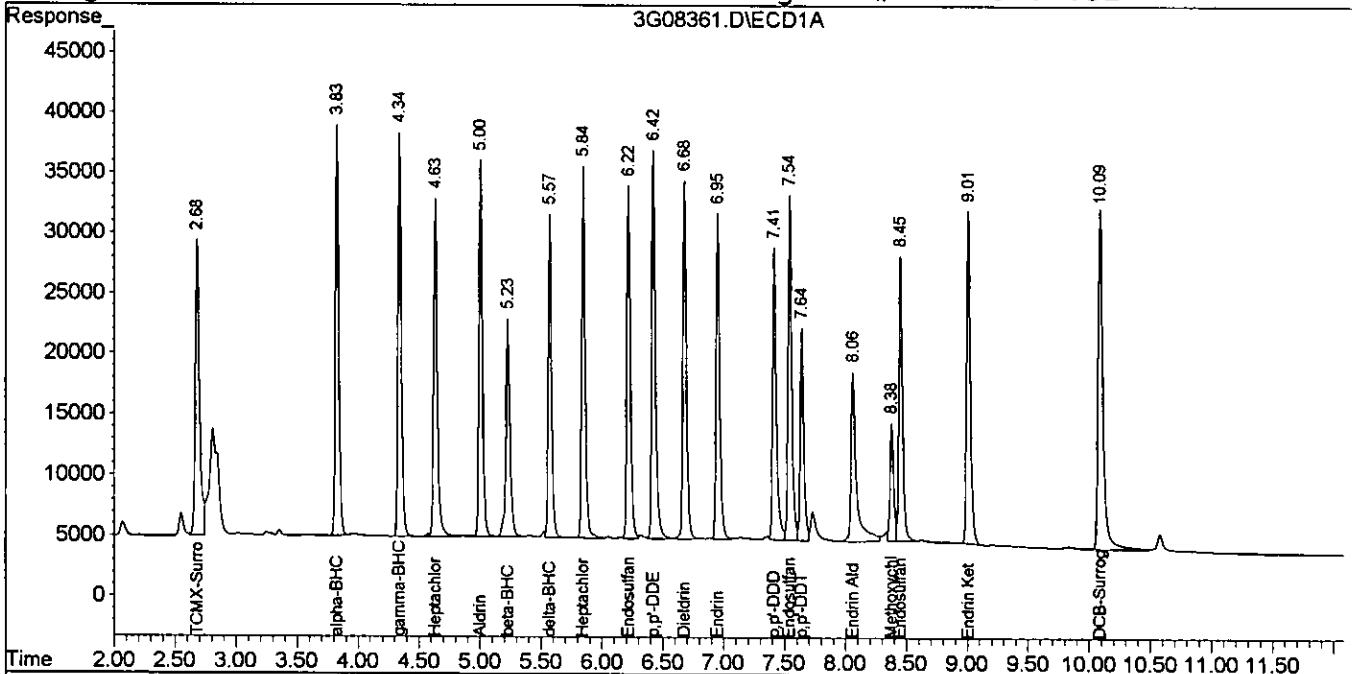
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08361.D\ECD1A.CH Vial: 15
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08361.D\ECD2B.CH
Acq On : 4 Aug 2005 3:07 Operator: JK
Sample : SMB725B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 4 6:22 2005 Quant Results File: 3G_P0803.RES

001414

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 13:04:59 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08362.D\ECD1A.CH Vial: 16
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08362.D\ECD2B.CH
 Acq On : 4 Aug 2005 3:23 Operator: JK
 Sample : AC18786-001(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:54 2005 Quant Results File: 3G_P0803.RES

001415

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	562187	1340398	85.445	82.264
2) alpha-BHC	3.83	3.63	652511	1676861	90.097	79.799
3) gamma-BHC	4.34	4.15	651964	1693273	94.258	84.219
4) beta-BHC	5.23	4.22	417858	985401	95.626	101.501
5) Heptachlor	4.63	4.58	609313	1683243	106.353	85.924
6) delta-BHC	5.57	4.71	503342	1421211	70.156	69.348
7) Aldrin	5.00	5.02	631377	1625713	97.051	82.777
8) Heptachlor Epoxi	5.85	5.75	599931	1609504	96.148m	88.004
11) Endosulfan I	6.22	6.22	656004	1514542	138.390m	77.611 #
12) p,p'-DDE	6.42	6.47	660442	1590113	96.582	87.339
13) Dieldrin	6.68	6.62	649783	1932452	110.426	108.931
14) Endrin	6.95	7.11	687557	1544377	126.595m	101.018
15) p,p'-DDD	7.42	7.19	581562	1363783	110.806	95.172
16) Endosulfan II	7.54	7.34	619241	1583984	101.836	92.987
17) p,p'-DDT	7.64	7.59	417961	1235634	114.934	96.593
18) Endrin Aldehyde	8.07	7.76	236941	1067002	48.301m	81.073 #
19) Endosulfan Sulfa	8.45	7.92	497668	1236273	97.525m	81.386
20) Methoxychlor	8.38	8.71	194687	533109	99.992m	77.116
21) Endrin Ketone	9.01	8.97	656718	1587625	111.911m	84.649
22) DCB-Surrogate	10.09	10.65	777834	2182293	93.955m	88.594

08/10/05

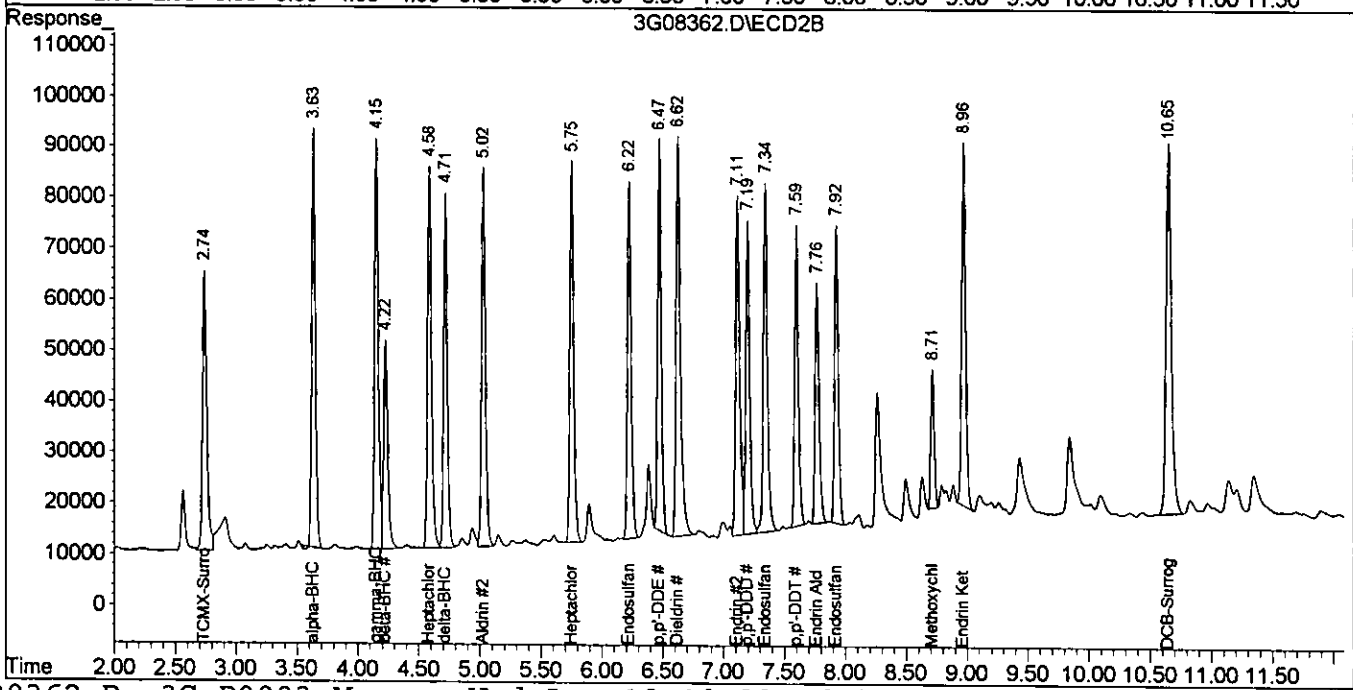
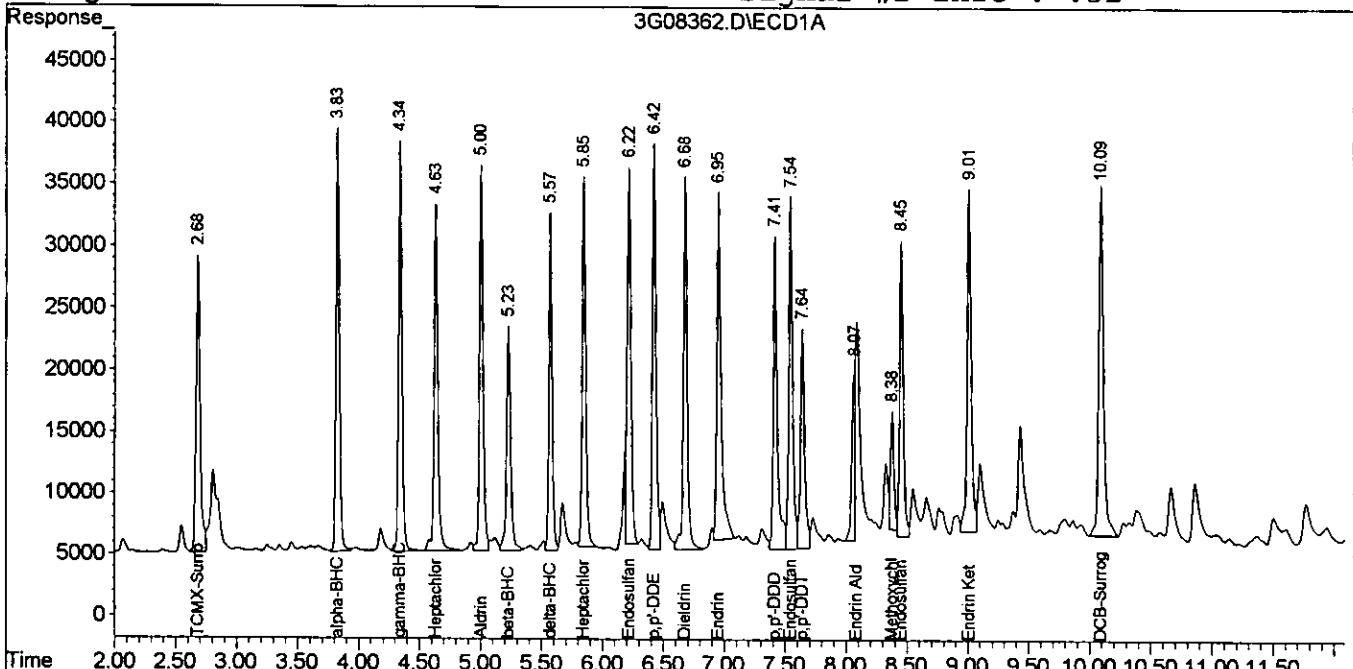
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08362.D\ECD1A.CH Vial: 16
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08362.D\ECD2B.CH
 Acq On : 4 Aug 2005 3:23 Operator: JK
 Sample : AC18786-001(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:54 2005 Quant Results File: 3G_P0803.RES

00141

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08363.D\ECD1A.CH Vial: 17
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08363.D\ECD2B.CH
 Acq On : 4 Aug 2005 3:39 Operator: JK
 Sample : AC18786-001(MSD) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:56 2005 Quant Results File: 3G_P0803.RES

001417

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:04:59 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	571949	1373413	87.055	84.571
2) alpha-BHC	3.83	3.63	676844	1769161	93.554	84.321
3) gamma-BHC	4.34	4.15	673238	1754776	97.489	87.278
4) beta-BHC	5.23	4.22	434753	1003234	100.039	103.543
5) Heptachlor	4.63	4.58	620769	1731526	108.490	88.389
6) delta-BHC	5.57	4.71	539916	1497860	75.687	73.088
7) Aldrin	5.00	5.02	653363	1674324	100.551	85.252
8) Heptachlor Epoxi	5.85	5.75	651794	1666593	104.460	91.125
11) Endosulfan I	6.22	6.22	643388	1572066	135.547m	80.559 #
12) p,p'-DDE	6.42	6.47	679526	1645175	99.372	90.363
13) Dieldrin	6.68	6.62	711777	1976570	120.961	111.418
14) Endrin	6.95	7.11	663294	1562161	122.127m	102.182
15) p,p'-DDD	7.41	7.19	529265	1386409	100.842m	96.809
16) Endosulfan II	7.54	7.34	668672	1566226	109.966	91.945
17) p,p'-DDT	7.64	7.59	391960	1267249	107.993m	99.038
18) Endrin Aldehyde	8.06	7.76	247666	1202352	50.487m	92.444 #
19) Endosulfan Sulfa	8.45	7.92	496011	1270470	97.200m	83.638
20) Methoxychlor	8.38	8.71	192608	550831	98.891m	79.679
21) Endrin Ketone	9.01	8.97	641458	1633419	109.194m	87.090
22) DCB-Surrogate	10.09	10.65	779942	2082641	94.210m	84.548

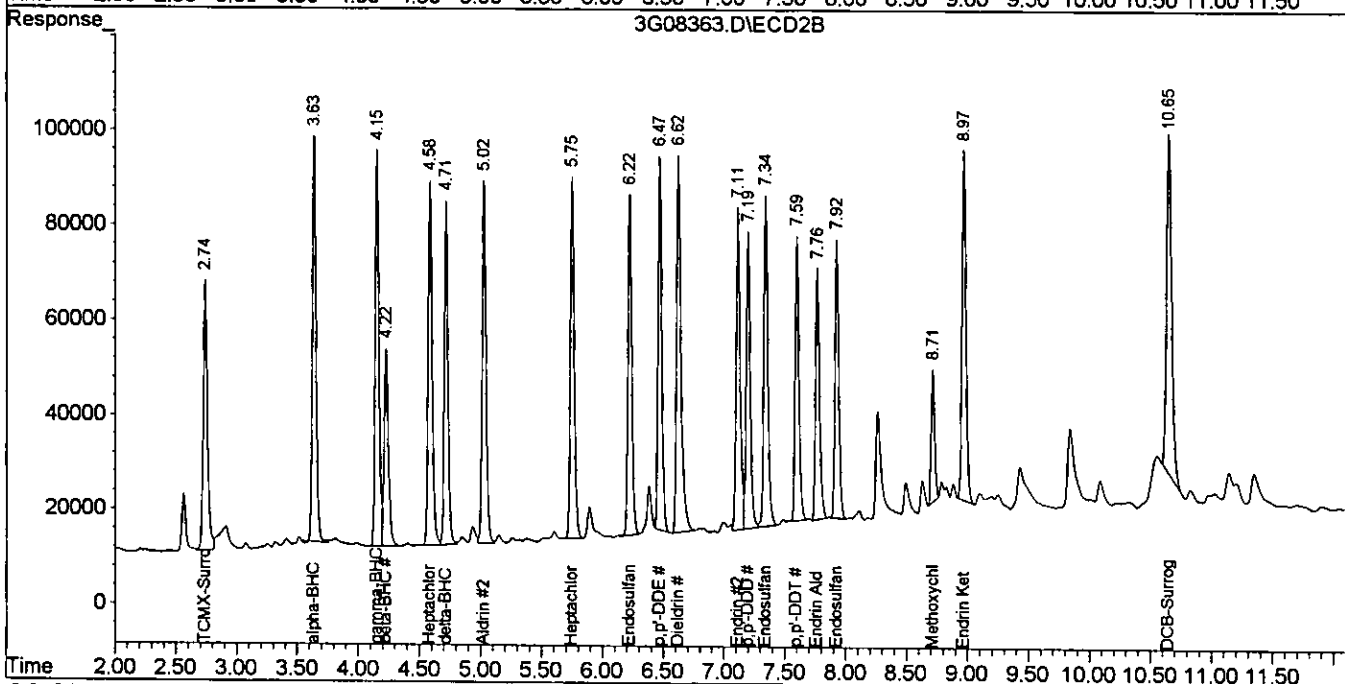
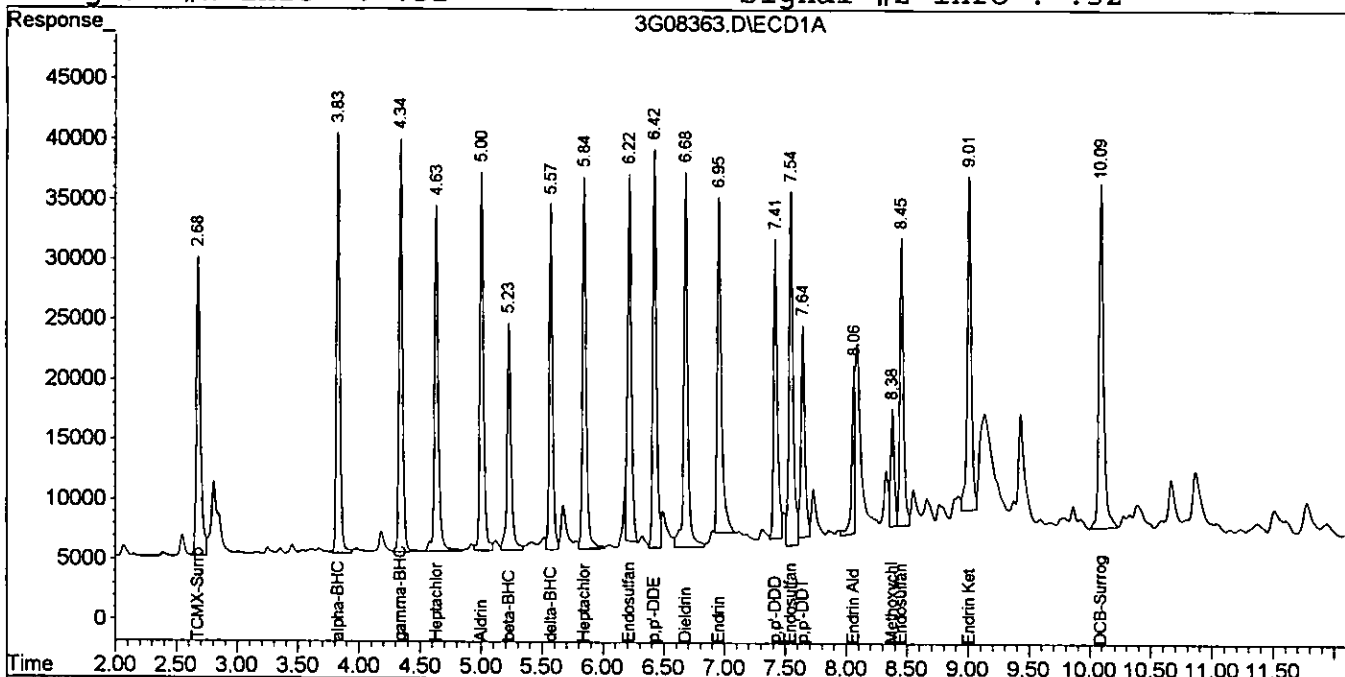
08/10/07

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08363.D\ECD1A.CH Vial: 17
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08363.D\ECD2B.CH
 Acq On : 4 Aug 2005 3:39 Operator: JK
 Sample : AC18786-001 (MSD) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 6:56 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Intergr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:04:59 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



001416

FORM 3
Spike Recovery

Batch Number: SMB726B

Mbs File: 3G08370.D

Mbs Name: SMB726B(MS)

Non Spk'd File: 3G08371.D

Ns Name: AC18855-002

Spike File: 3G08372.D

Ms Name: AC18855-002(MS)

Spike Dup File: 3G08373.D

Msd Name: AC18855-002(MSD)

Matrix: Soil

Method: 8081

001410

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	105.04	0.00	97.32	105.14	105	97	105	7.7
Heptachlor	1	0	100	35	130	31	119.91	0.00	104.08	105.53	120	104	106	1.4
Aldrin	1	0	100	34	132	43	105.01	0.00	96.04	96.70	105	96	97	0.68
Dieldrin	1	0	100	31	134	38	109.99	0.00	101.94	105.85	110	102	106	3.8
Endrin	1	0	100	42	139	45	108.19	0.00	169.48	196.19	108	169 Mo	196 Mo	15
p,p'-DDT	1	0	100	23	134	50	104.63	20.47	100.63	111.36	105	80	91	10

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Data File : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08370.D\ECD1A.CH Vial: 2
 Acq On : 4 Aug 2005 6:32 Operator: JK
 Sample : SMB726B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile : PEST1.E

Data File : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08370.D\ECD2B.CH Vial: 2
 Acq On : 4 Aug 2005 6:32 Operator: JK
 Sample : SMB726B Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile : Pest2.e

Quant Time: Aug 4 7:02 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.73	629905	1529210	96.656	95.455
2) alpha-BHC	3.82	3.63	734535	1993225	101.750	95.298
3) gamma-BHC	4.34	4.14	722922	1915636	105.037	95.279
4) beta-BHC	5.23	4.22	494986	1051486	115.970	109.067
5) Heptachlor	4.63	4.58	681983	1862266	119.906m	95.063
6) delta-BHC	5.57	4.71	555639	1574989	78.065	76.851
7) Aldrin	5.00	5.02	681362	1865813	105.007	95.002
8) Heptachlor Epoxi	5.84	5.75	665184	1809211	106.606	98.923
11) Endosulfan I	6.22	6.22	631495	1712939	132.867	87.778 #
12) p,p'-DDE	6.42	6.47	725337	1837118	106.072	100.906
13) Dieldrin	6.68	6.62	647248	1798247	109.995	101.366
14) Endrin	6.95	7.11	587594	1532302	108.189	100.228
15) p,p'-DDD	7.42	7.19	538600	1441945	102.621	100.828
16) Endosulfan II	7.54	7.34	634107	1690281	104.281	99.227
17) p,p'-DDT	7.64	7.59	379359	1308637	104.630	102.239
18) Endrin Aldehyde	8.06	7.76	444208	1241381	90.552	95.723
19) Endosulfan Sulfa	8.45	7.92	536668	1399890	105.168	92.157
20) Methoxychlor	8.38	8.71	213921	719828	110.186	104.125
21) Endrin Ketone	9.01	8.96	636770	1856954	108.360	99.009
22) DCB-Surrogate	10.09	10.65	802951	2207580	96.989	89.620

08/10/05

Quantitation Report

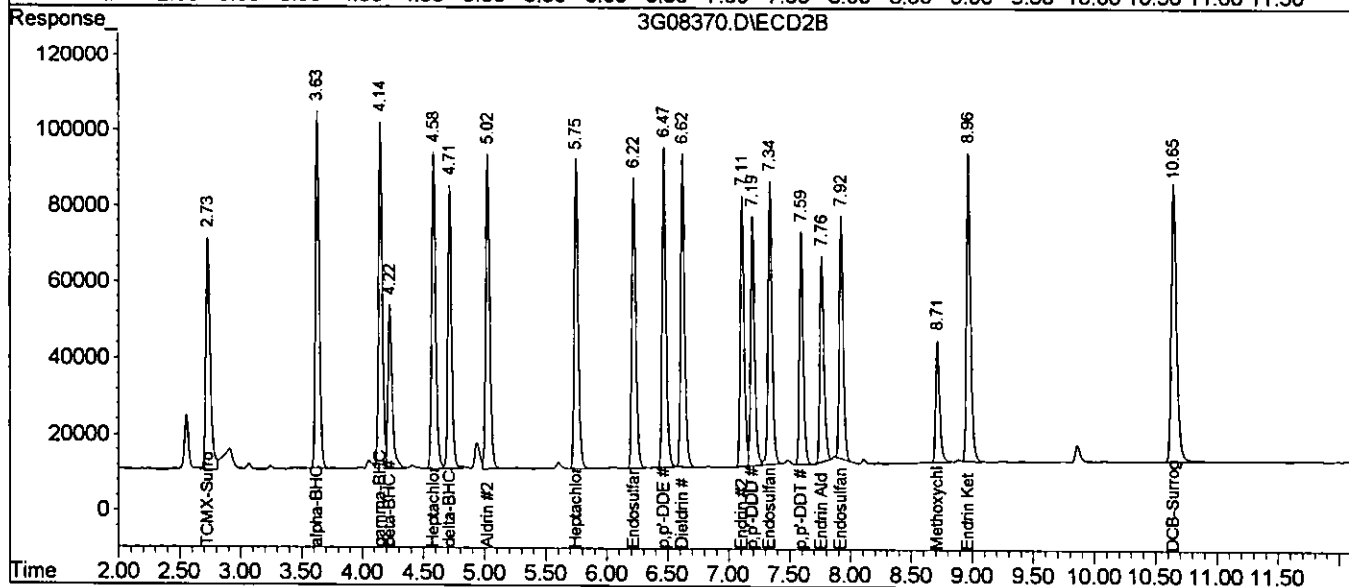
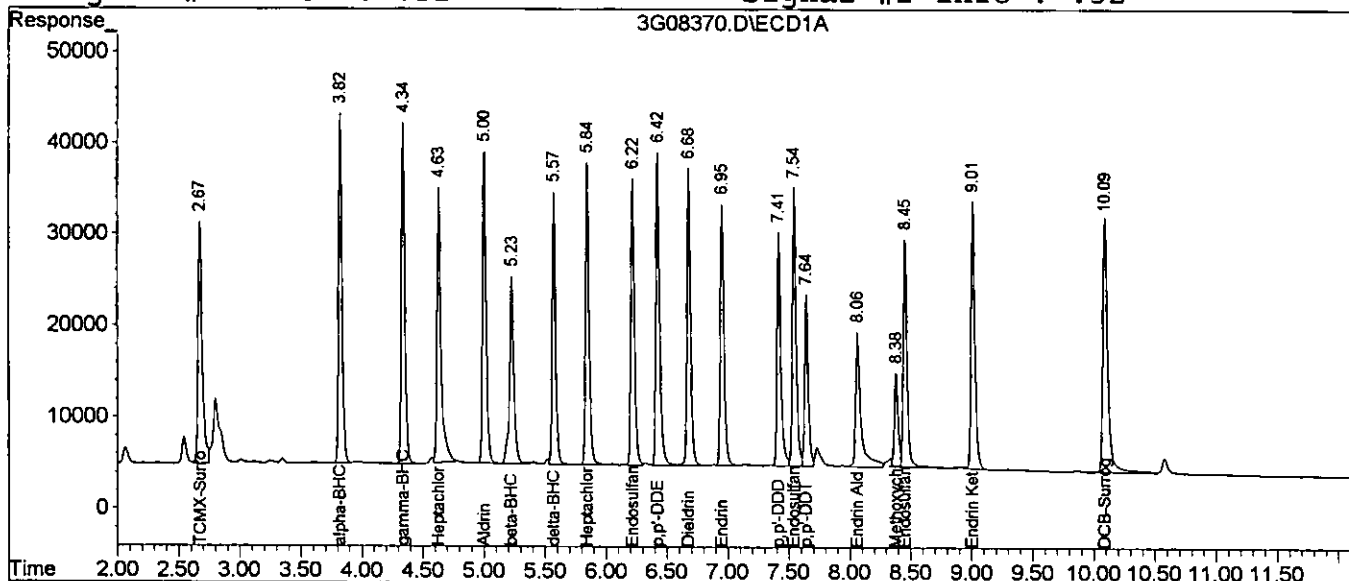
Data File : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08370.D\ECD1A.CH Vial: 2
 Acq On : 4 Aug 2005 6:32 Operator: JK
 Sample : SMB726B (MS) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile : PEST1.E

Data File : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08370.D\ECD2B.CH Vial: 2
 Acq On : 4 Aug 2005 6:32 Operator: JK
 Sample : SMB726B Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile : Pest2.e
 Quant Time: Aug 4 7:02 2005 Quant Results File: 3G_P0803.RES

001421

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08372.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08372.D\ECD2B.CH
 Acq On : 4 Aug 2005 7:06 Operator: JK
 Sample : AC18855-002 (MS) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 7:22 2005 Quant Results File: 3G_P0803.RES

001422

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.68	2.73	642186	1403953	98.700	86.704
2) alpha-BHC	3.82	3.63	721014	1834092	99.829m	87.502
3) gamma-BHC	4.34	4.15	672103	1738793	97.317m	86.483
4) beta-BHC	5.23	4.23	409146	1260187	93.360m	132.964 #
5) Heptachlor	4.63	4.58	597138	1776089	104.082m	90.664
6) delta-BHC	5.57	4.72	506450	1366883	70.626m	66.697
7) Aldrin	5.00	5.03	625020	1678873	96.039m	85.484
8) Heptachlor Epoxi	5.85	5.75	578216	1540982	92.668m	84.257
11) Endosulfan I	6.22	6.22	615531	1430463	129.270m	73.303 #
12) p,p'-DDE	6.43	6.47	723127	1650867	105.748m	90.676
13) Dieldrin	6.68	6.63	599827	2337314	101.936m	131.752 #
14) Endrin	6.96	7.12	920460	1521731	169.478m	99.537 #
15) p,p'-DDD	7.42	7.20	574693	1497991	109.498m	104.883
16) Endosulfan II	7.55	7.34	589866	1581526	97.006m	92.843
17) p,p'-DDT	7.65	7.60	364390	1539223	100.634m	120.073
18) Endrin Aldehyde	8.07	7.77	232231	1070332	47.341m	81.353 #
19) Endosulfan Sulfa	8.46	7.93	499393	1165291	97.863m	76.713
20) Methoxychlor	8.38	8.72	183562	492094	94.097m	71.183
21) Endrin Ketone	9.01	8.97	719674	1502142	123.121m	80.091 #
22) DCB-Surrogate	10.10	10.65	612492	1983829	73.984m	80.537m

68/10/02

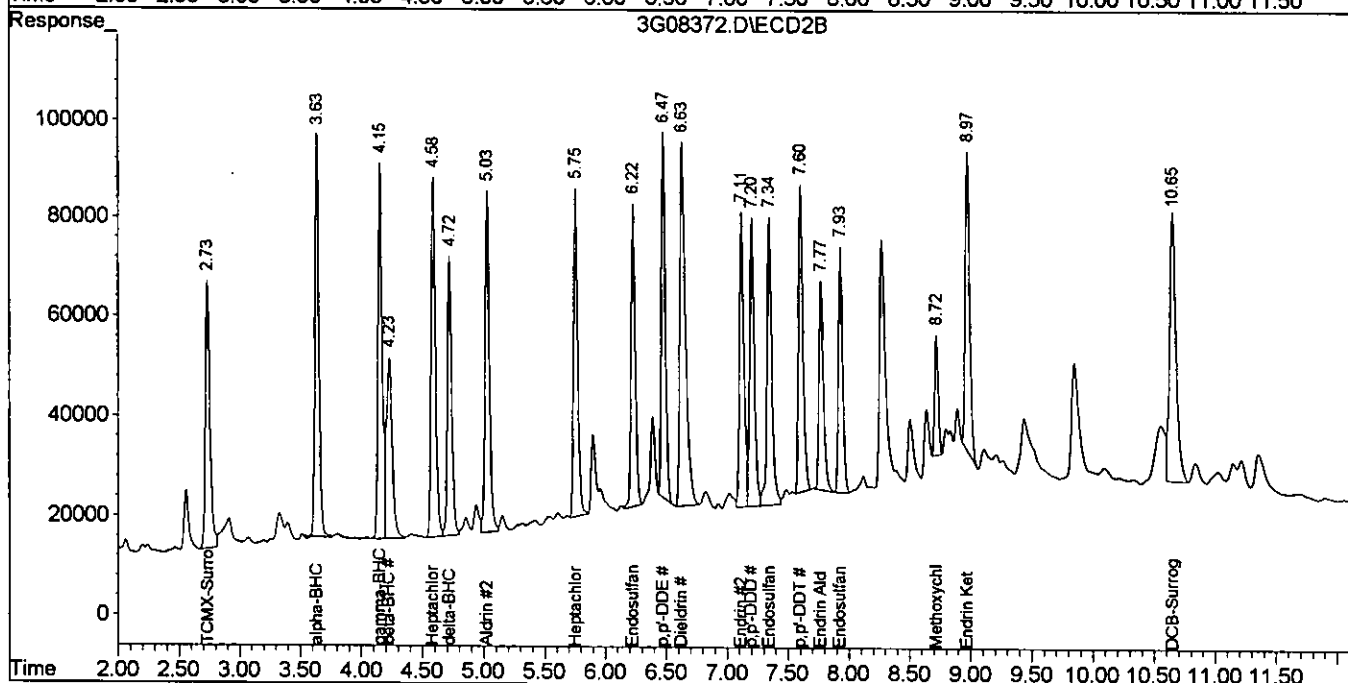
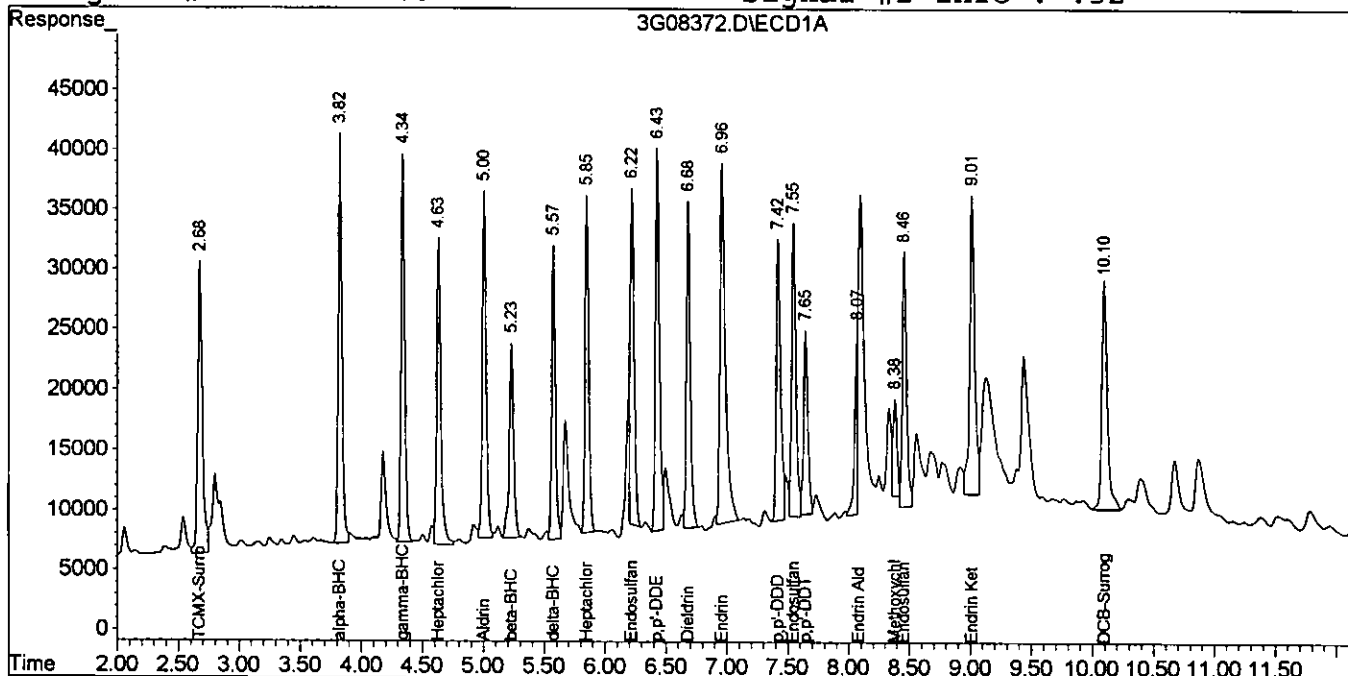
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08372.D\ECD1A.CH Vial: 4
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08372.D\ECD2B.CH
 Acq On : 4 Aug 2005 7:06 Operator: JK
 Sample : AC18855-002 (MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 7:22 2005 Quant Results File: 3G_P0803.RES

001423

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08373.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08373.D\ECD2B.CH
 Acq On : 4 Aug 2005 7:22 Operator: JK
 Sample : AC18855-002 (MSD) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 8:32 2005 Quant Results File: 3G_P0803.RES

001424

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2

Target Compounds						
1) TCMX-Surrogate	2.67	2.73	628274	1411576	96.385	87.237
2) alpha-BHC	3.82	3.63	791427	1826037	109.832	87.107
3) gamma-BHC	4.34	4.15	723625	1744749	105.144	86.779
4) beta-BHC	5.23	4.22	483553	1060802	112.921	110.134m
5) Heptachlor	4.63	4.58	604904	1856402	105.531m	94.764
6) delta-BHC	5.57	4.72	527482	1378650	73.807	67.271
7) Aldrin	5.00	5.03	629197	1763008	96.704m	89.768
8) Heptachlor Epoxi	5.85	5.75	582578	1603643	93.367m	87.683
11) Endosulfan I	6.22	6.22	713717	1456262	151.394m	74.625 #
12) p,p'-DDE	6.43	6.47	722867	1648164	105.710m	90.527
13) Dieldrin	6.68	6.63	622862	2888833	105.851m	162.841 #
14) Endrin	6.96	7.11	1065542	1660650	196.190m	108.624 #
15) p,p'-DDD	7.42	7.20	556612	1513545	106.053m	106.009
16) Endosulfan II	7.55	7.34	574634	1591388	94.501m	93.422
17) p,p'-DDT	7.65	7.60	404579	1617398	111.362m	126.119
18) Endrin Aldehyde	8.08	7.77	285262	1095926	58.151m	83.503 #
19) Endosulfan Sulfa	8.45	7.93	499762	1178302	97.936m	77.570
20) Methoxychlor	8.38	8.72	205191	463608	105.559m	67.062 #
21) Endrin Ketone	9.01	8.97	603441	1491602	102.426m	79.529
22) DCB-Surrogate	10.10	10.65	641562	1586296	77.495m	64.398

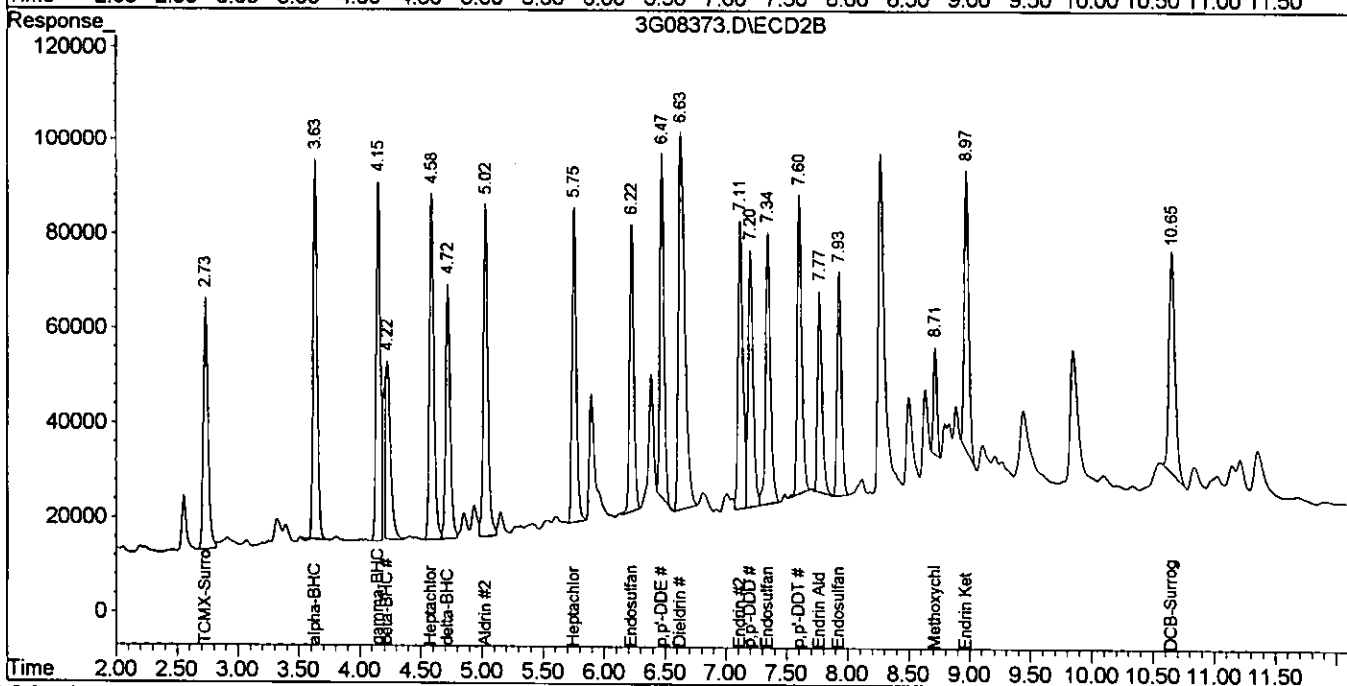
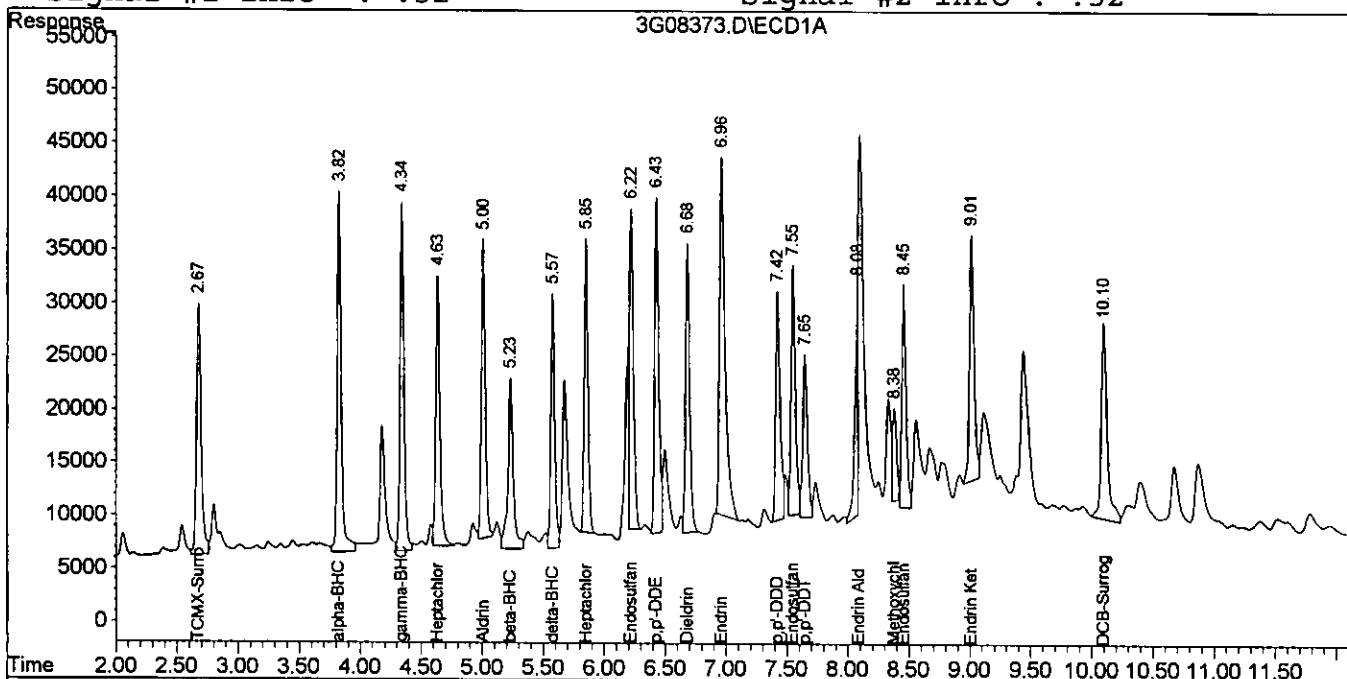
08/10/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08373.D\ECD1A.CH Vial: 5
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-04-05\3G08373.D\ECD2B.CH
 Acq On : 4 Aug 2005 7:22 Operator: JK
 Sample : AC18855-002 (MSD) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 4 8:32 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



FORM 3
Spike Recovery

Batch Number: SMB727B

Mbs File: 3G08417.D

Mbs Name: SMB727B(MS)

Non Spk'd File: 3G08420.D

Ns Name: AC18778-011

Spike File: 3G08418.D

Ms Name: AC18778-011(MS)

Spike Dup File: 3G08419.D

Msd Name: AC18778-011(MSD)

Matrix: Soil

Method: 8081

001400

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	84.09	0.00	60.40	68.35	84	60	68	12
Heptachlor	1	0	100	35	130	31	95.27	0.00	68.04	77.17	95	68	77	13
Aldrin	1	0	100	34	132	43	84.25	0.00	59.78	67.75	84	60	68	12
Dieldrin	1	0	100	31	134	38	87.70	0.00	65.57	72.99	88	66	73	11
Endrin	1	0	100	42	139	45	86.95	0.00	65.35	73.14	87	65	73	11
p,p'-DDT	1	0	100	23	134	50	88.57	0.00	63.53	71.56	89	64	72	12

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD1A.CH Vial: 6
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD2B.CH
 Acq On : 5 Aug 2005 9:38 Operator: JK
 Sample : SMB727B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 9:56 2005 Quant Results File: 3G_P0803.RES

00142

Quant Method : G:\GC\DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.69	2.74	547611	1274208	83.045	77.640
2) alpha-BHC	3.83	3.63	580502	1522322	79.867	72.228
3) gamma-BHC	4.34	4.15	585012	1478417	84.087	73.533
4) beta-BHC	5.22	4.22	362568	802234	81.349	80.528
5) Heptachlor	4.63	4.58	549862	1465940	95.265	74.832
6) delta-BHC	5.57	4.71	439059	1192968	60.436	58.211
7) Aldrin	5.00	5.02	550952	1425882	84.250	72.602
8) Heptachlor Epoxi	5.84	5.75	535777	1394895	85.867	76.269
11) Endosulfan I	6.21	6.22	506004	1318764	104.590	67.579 #
12) p,p'-DDE	6.42	6.47	582938	1397105	85.247	76.737
13) Dieldrin	6.67	6.62	516043	1353483	87.698	76.295
14) Endrin	6.95	7.11	472222	1174635	86.947	76.833
15) p,p'-DDD	7.41	7.19	433653	1110089	82.625	76.815
16) Endosulfan II	7.54	7.34	503569	1299761	82.814	76.302
17) p,p'-DDT	7.64	7.59	319210	1036072	88.575	81.158
18) Endrin Aldehyde	8.06	7.76	353232	943178	72.007	70.670
19) Endosulfan Sulfa	8.45	7.92	407226	1106416	79.802	72.838
20) Methoxychlor	8.38	8.71	173271	580921	88.643	84.032
21) Endrin Ketone	9.00	8.97	493972	1412147	82.935	75.293
22) DCB-Surrogate	10.09	10.65	690882	1852719	83.452	75.214

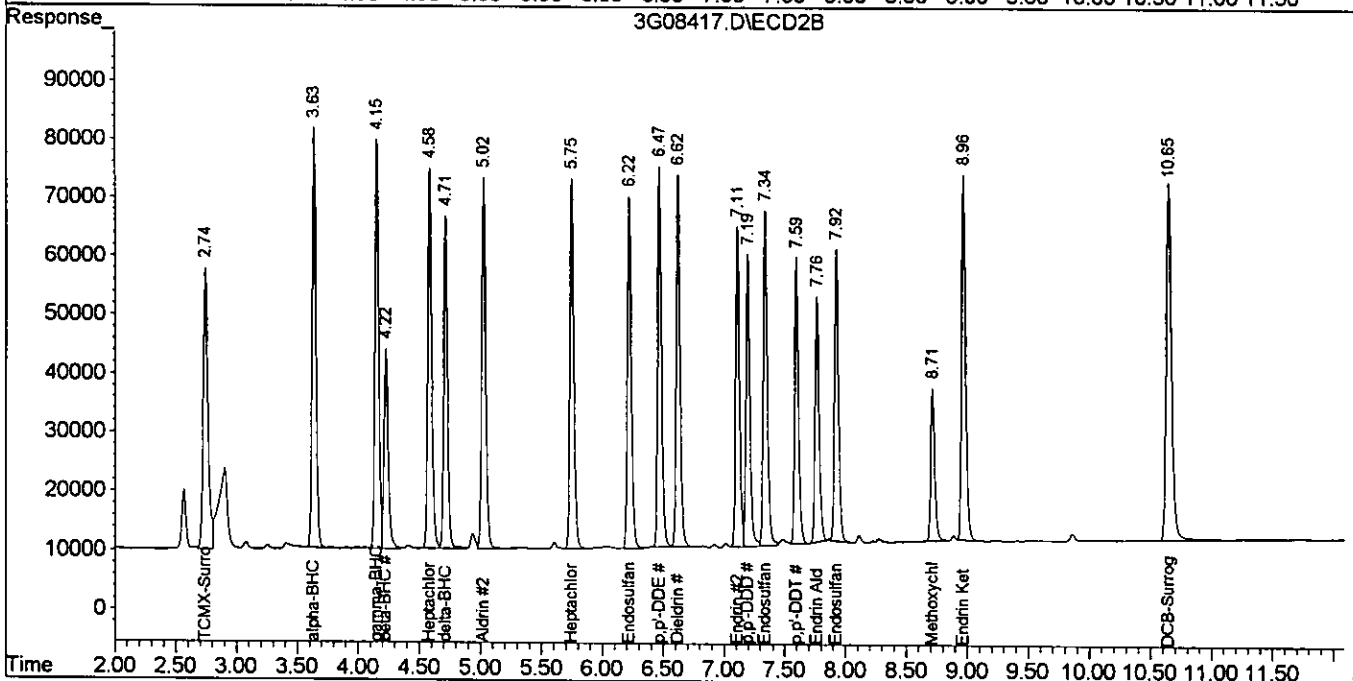
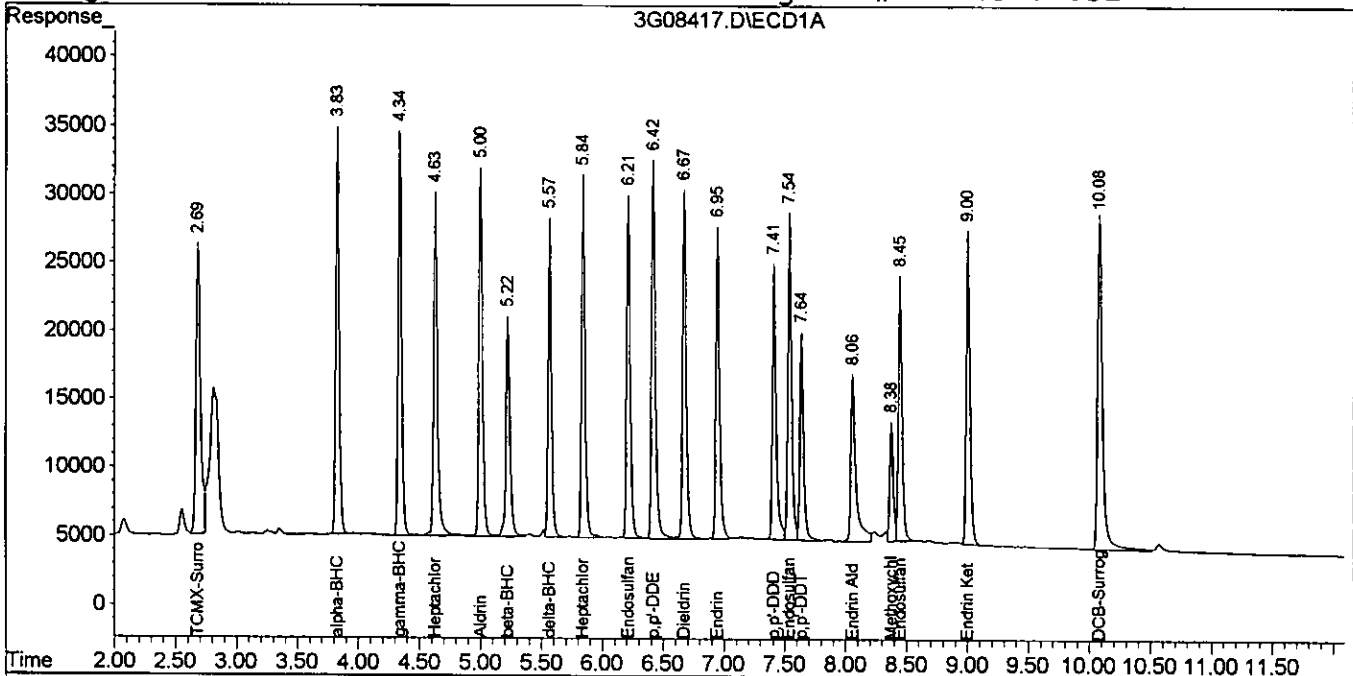
08/10/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD1A.CH Vial: 6
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD2B.CH
Acq On : 5 Aug 2005 9:38 Operator: JK
Sample : SMB727B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 9:56 2005 Quant Results File: 3G_P0803.RES

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integrator)
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 03 13:24:25 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32



00142

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD2B.CH
 Acq On : 5 Aug 2005 9:55 Operator: JK
 Sample : AC18778-011(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 10:28 2005 Quant Results File: 3G_P0803.RES

001429

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	383391	917292	56.313	52.704
2) alpha-BHC	3.83	3.63	418803	1117221	56.894	52.381
3) gamma-BHC	4.34	4.15	429107	1105019	60.402	54.961
4) beta-BHC	5.22	4.22	272566	623826	58.621	60.100
5) Heptachlor	4.63	4.58	403879	1087585	68.040	55.518
6) delta-BHC	5.57	4.71	314564	870999	41.611	42.500
7) Aldrin	5.00	5.02	397246	1044062	59.784	53.161
8) Heptachlor Epoxi	5.84	5.75	397992	1055446	63.784	57.709
11) Endosulfan I	6.21	6.22	386118	995172	77.575	50.996 #
12) p,p'-DDE	6.42	6.47	440652	1054036	64.440	57.894
13) Dieldrin	6.67	6.62	385836	1016210	65.570	57.283
14) Endrin	6.95	7.11	354920	878591	65.349	57.469
15) p,p'-DDD	7.41	7.19	322861	807593	61.516	54.926
16) Endosulfan II	7.54	7.34	372082	939727	61.190	55.166
17) p,p'-DDT	7.64	7.59	225379	760710	63.529	59.861
18) Endrin Aldehyde	8.06	7.76	236551	637820	48.221	45.016
19) Endosulfan Sulfa	8.45	7.92	295789	793178	57.964	52.216
20) Methoxychlor	8.38	8.71	123075	418095	62.041	60.479
21) Endrin Ketone	9.00	8.96	356058	1039132	58.380	55.404
22) DCB-Surrogate	10.08	10.65	487170	1295061	58.846	52.575

08/10/05

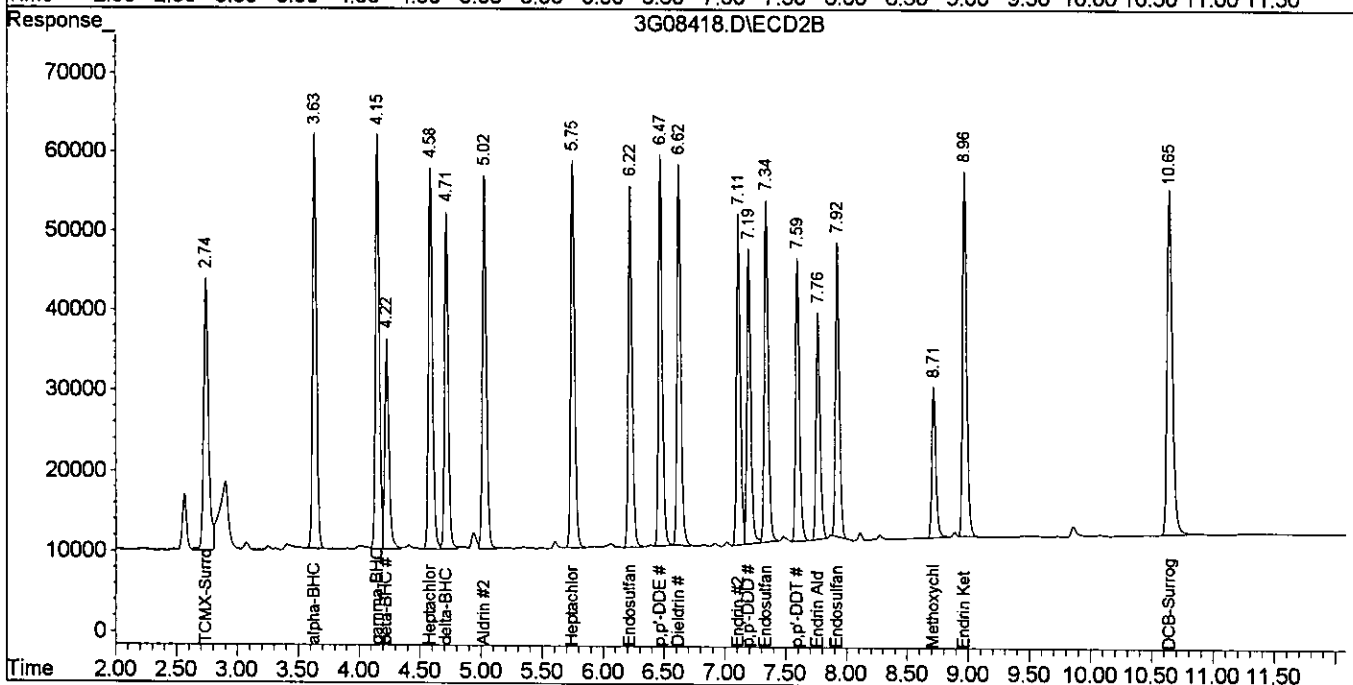
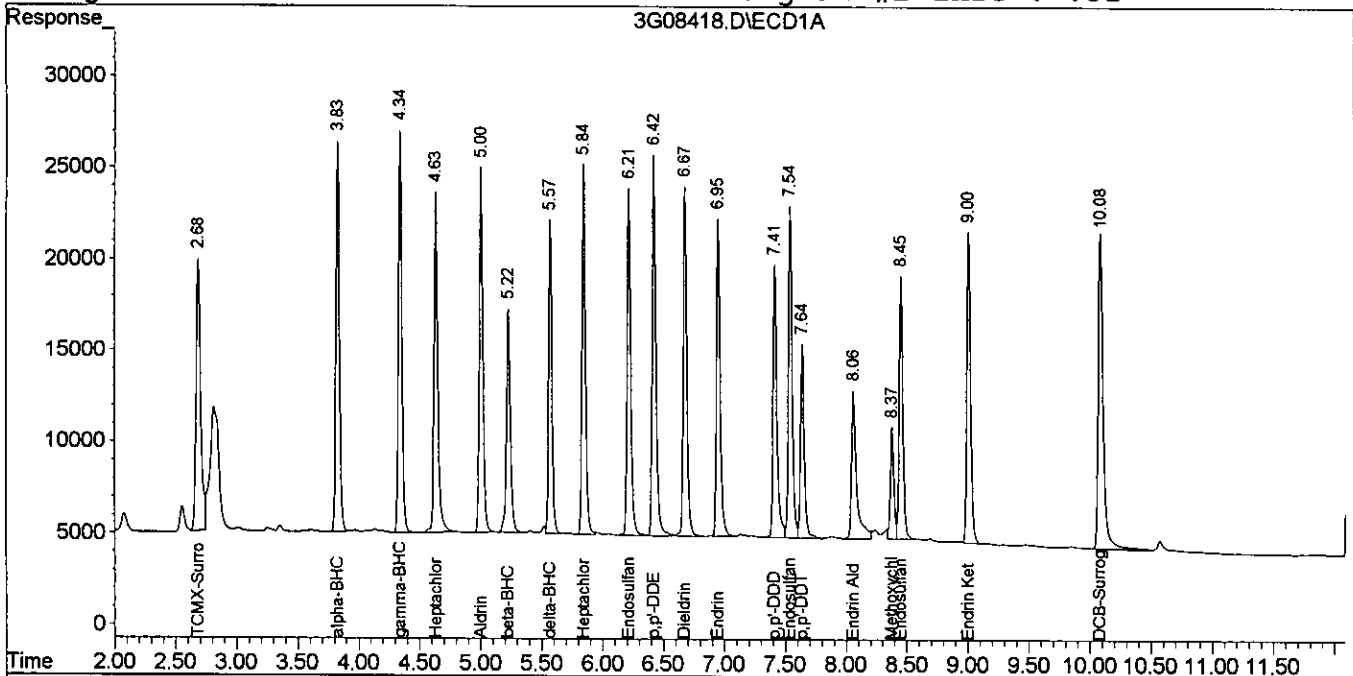
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD1A.CH Vial: 7
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD2B.CH
 Acq On : 5 Aug 2005 9:55 Operator: JK
 Sample : AC18778-011 (MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 10:28 2005 Quant Results File: 3G_P0803.RES

001430

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08419.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08419.D\ECD2B.CH
 Acq On : 5 Aug 2005 10:11 Operator: JK
 Sample : AC18778-011 (MSD) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 10:29 2005 Quant Results File: 3G_P0803.RES

001431

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Initial Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.68	2.74	418216	1000272	61.935	58.502
2) alpha-BHC	3.83	3.63	474901	1256140	64.864	59.187
3) gamma-BHC	4.34	4.15	481439	1229777	68.352	61.166
4) beta-BHC	5.22	4.22	303830	689402	66.447	67.609
5) Heptachlor	4.63	4.58	452810	1198046	77.165	61.157
6) delta-BHC	5.57	4.71	353066	975067	47.433	47.578
7) Aldrin	5.00	5.02	447291	1181771	67.750	60.173
8) Heptachlor Epoxi	5.84	5.75	449710	1166686	72.073	63.791
11) Endosulfan I	6.21	6.22	427384	1100121	86.874	56.375 #
12) p,p'-DDE	6.42	6.47	489426	1173482	71.573	64.455
13) Dieldrin	6.67	6.62	429500	1142295	72.990	64.390
14) Endrin	6.95	7.11	397245	982447	73.142	64.262
15) p,p'-DDD	7.41	7.19	367981	910669	70.112	62.385
16) Endosulfan II	7.54	7.34	417752	1043283	68.701	61.246
17) p,p'-DDT	7.64	7.59	255483	859399	71.564	67.494
18) Endrin Aldehyde	8.06	7.76	264656	704364	53.950	50.607
19) Endosulfan Sulfa	8.45	7.92	334461	920737	65.542	60.614
20) Methoxychlor	8.37	8.71	140697	476556	71.380	68.935
21) Endrin Ketone	9.00	8.96	403594	1178528	66.843	62.837
22) DCB-Surrogate	10.08	10.65	537635	1460342	64.941	59.285

08/10/05

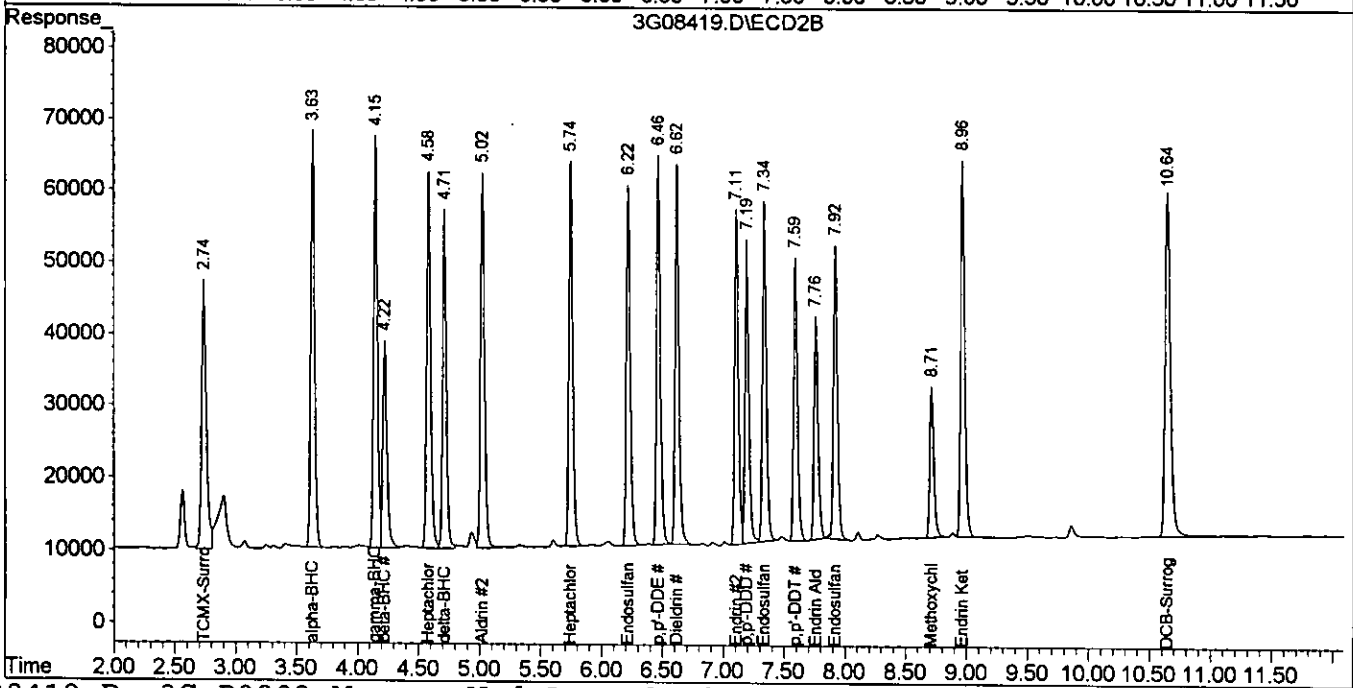
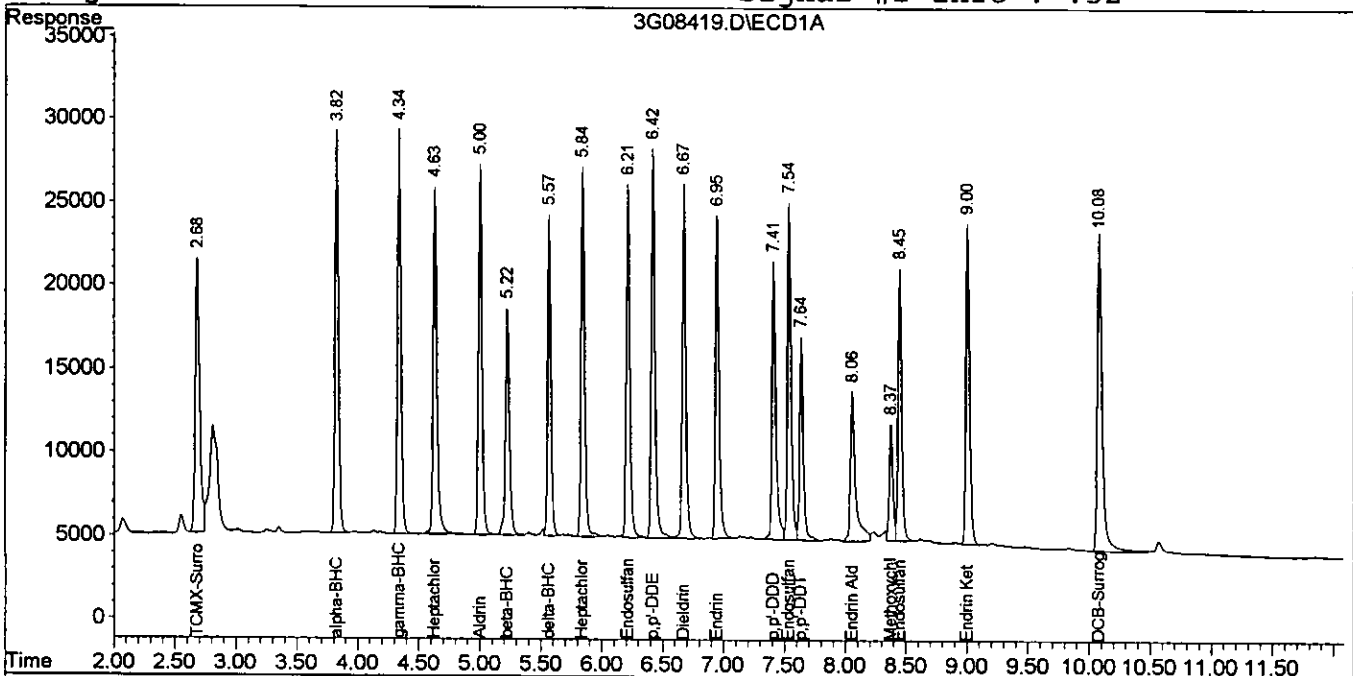
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08419.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08419.D\ECD2B.CH
 Acq On : 5 Aug 2005 10:11 Operator: JK
 Sample : AC18778-011 (MSD) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 5 10:29 2005 Quant Results File: 3G_P0803.RES

001437

Quant Method : G:\GC DATA\2005\GC_3\METHODS\3G_P0803.M (Chemstation Integr
 Title : @GC_3,ug,608,8081
 Last Update : Wed Aug 03 13:24:25 2005
 Response via : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

Volume Inj. : 1ul
 Signal #1 Phase : db-1701 Signal #2 Phase: db-608
 Signal #1 Info : .32 Signal #2 Info : .32



**GC Pesticide Data
Extraction/Logbook Data**

001434

Method Blank No. SMB- 725 B
 Blank Spike (SMBS): 723B, 725B, PEST
 Blank Spike (SMBS): 724B, 725B PCB

Date: 8/2/05
 Matrix Spike: 18802-001, 18786-001
 Matrix Spike: 18819-014, 18786-012

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 725B	X	X					
MBS 725B	X	X		20g	10.0ml		
18786-002	15	14				1,1/ ASE R RACK #11	
18786-003	16	15				2,2/	
18786-004	17	16				9,9/	
18786-005	18	17				10,10/	
18786-006	19	18				11,11/	
18786-007	20	19				12,12/	
18786-001ms	X					13,13/	
18786-001md	X					14,14/	
18786-001	1	20				3,3/	
18786-012ms		X				4,4/	
18786-012md		X				5,5/	
18786-012	2	1				6,6/	
18786-008	3	2				7,7/	
18786-009	4	3				8,8/	
18786-010	5	4				1,1/ ASE R	
18786-011	6	5				2,2/	
18786-013	7	6				3,3/	
18786-014	8	7				4,4/	
18786-015	9	8				5,5/	
18786-016	10	7				6,6/	
18786-017	11	10				7,7/	
18855-001	12	11				8,8/	
						9,9/	
						10,10/	
						/	
						/	
						/	
						/	
						/	
						/	
						/	
						/	
						/	
						/	

Cleanup: Acid TBA Copper Florisil Other

Spike Standard			
Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest / PCB / Herb / Other
100	100	V-4707	Pest / PCB / Herb / Other
100	10	V-4044	PEST

Surrogate Standard			
Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest / PCB / Herb / Other
100	10	V-316b	Pest / PCB / Herb / Other

Reagent Lots: MeCL2 _____ Acetone 050776 Hexane 044526 Na2SO4 _____ Ether _____
 MTBE _____ Other _____

Relinquished By: GKN
 Received By: KSM

Date: 8/2/05
 Date: 8/3/05

001435

Method Blank No. SMB- 726B
 Blank Spike (SMBS): 725B, 726B PEST
 Blank Spike (SMBS): 725B, 726B PCB

Date: 8/3/05
 Matrix Spike: 18786-001, 18855-002
 Matrix Spike: 18786-012, 18778-008

Analysis: (Pest / PCB) Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 726B	X	X			20g	10-0ml	1,1 / ASE I Rack 12
MB 726B	X	X					1,2,3 / ↓
18778-001	13	12					1,1 / ASE II
18778-002	14	13					1,2 /
18778-003	15	14					1,3 /
18778-004	16	15					1,4 /
18778-005	17	16					1,5 /
18778-006	18	17					1,6 /
18778-007	19	18					1,7 /
18778-009	20	19					1,8 / ↓
18855-002ms	X						1,4 / ASE II
18855-002msD	X						1,5 /
18855-002	1	20					1,6 /
18778-008ms		X					1,7 /
18778-008msD		X					1,8 /
18778-008	2	1					1,9 /
18855-003	3	2					1,10 /
18855-004	4	3					1,11 / ↓
18821-001	5	4					1,9 / ASE II
18821-002	6	5					1,10 /
18821-003	7	6					1,11 /
18821-004	8	7					1,12 /
18821-005	9	2					1,13 /
18821-006	10	9					1,14 /
18821-007	11	10					1,15 / ↓
18223 001	12	11					1,12 / ASE I ↓
							/ /
							/ /
							/ /
							/ /

Cleanup: Acid TBA Copper Florisil Other

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest (PCB) Herb / Other
100	100	V-4701	Pest (PCB) Herb / Other
100	10	V-4044	PEST

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest (PCB) Herb / Other
100	10	V-5154	Pest (PCB) Herb / Other

Reagent Lots: MeCL2 _____ Acetone 050776 Hexane 044526 Na2SO4 _____ Ether _____
 MTBE _____ Other _____

Relinquished By: CKN
 Received By: kezei

Date: 8/3/05
 Date: 8/4/05

000140

001400

Method Blank No. SMB- 7278
 Blank Spike (SMBS): 7268, 7278 PEST
 Blank Spike (SMBS): 7268, 7278 PCB

Date: 8/4/05
 Matrix Spike: 18855-002, 18778-011
 Matrix Spike: 18778-008, 18778-020

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 7278	x	x			20g	10.0ml	/ 1, 1 / ASE I Rack 15
MB S 7278	x	x					/ 2, 3 /
18778-010	13	12					/ 1 / ASE I
18778-012	14	13					/ 2 /
18778-013	15	14					/ 3 /
18778-014	16	15					/ 4 /
18778-015	17	16					/ 5 /
18778-016	18	17					/ 6 /
18778-017	19	18					/ 7 /
18778-019	20	19					/ 8 /
18778-011 ms	x						/ 4 / ASE I
18778-011 MSD	x						/ 5 /
18778-011	1	20					/ 6 /
18778-020ms		x					/ 7 /
18778-020msD		x					/ 8 /
18778-020	2	1					/ 9 / ASE I
18778-021	3	2					/ 10 /
18778-022	4	3					/ 11 / ASE I
18778-023	5	4					/ 12 /
18778-024	6	5					/ 10 / ASE I
18919-001		6					/ 11 /
18919-002		7					/ 12 /
18919-003		8					/ 13 /
18778-003	R	R					/ 14 /
18778-009	R	R					/ 15 /
18778-018	7	9					/ /
							/ /
							/ /
							/ /
							/ /
							/ /

Cleanup: Acid TBA Copper Florisil Other

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest / PCB / Herb / Other
100	100	V-4707	Pest <u>PCB</u> / Herb / Other
100	10	V-4044	PEST

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest / PCB / Herb / Other
100	10	V-5754	<u>Pest / PCB</u> / Herb / Other

Reagent Lots: MeCL2 _____ Acetone 050776 Hexane 044526 Na2SO4 _____ Ether _____
 MTBE _____ Other _____

Relinquished By: TKN
 Received By: _____

Date: 8/4/05
 Date: 08/05/05

001437

Method Blank No. SMB- 728B
Blank Spike (SMBS): PCB: 727B
Blank Spike (SMBS): Pest: 727B

Date: 08/05/05
Matrix Spike: PCB: 18778-011 ^{etc} 18778-020
Matrix Spike: Pest: 18778-011

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 728B	x	x			20g	10 ml	1 1 Rack # 17
MBS 728B	x	x			↓	↓	1 2 1
18907-003		410			↓	↓	1 4 1
18920-001	19	10118	415		↓	↓	1 5 1
18778-014	R	R			20g	10 ml	1 6 1
18778-01524	R	R			↓	↓	1 7 1
18774-029		12			20g	10 ml	1 1 1
18139-001		13			↓	↓	1 2 1 } RACK 19 a
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1
							1 1 1

Cleanup: Acid TBA Copper Florisil Other

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest (PCB) Herb / Other
100	100	v4101	↓
100	10	v4044	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest (PCB) Herb / Other
100	10	v5154	↓

Reagent Lots: MeCL2 _____ Acetone 050776 Hexane 044324 Na2SO4 _____ Ether _____
MTBE _____ Other _____

Relinquished By: CJC
Received By: Kobali

Date: 08/05/05
Date: 8/5/05 / 8/8/05

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000		File
												Beg Cal	End Cal	
3G08030.	CAL EVAL	Is			Aqueou	1	1	608 8081	07/11 06:03	3G07691				01438
'8031.	CAL PEST@400PPB				Aqueou	1	1	608 8081	07/11 06:49	3G08036				
J8032.	CAL PEST@200PPB				Aqueou	1	1	608 8081	07/11 07:05	3G08036				
3G08033.	CAL PEST@100PPB				Aqueou	1	1	608 8081	07/11 07:22	3G08036				
3G08034.	CAL PEST@50PPB				Aqueou	1	1	608 8081	07/11 07:38	3G08036				
3G08035.	CAL PEST@10PPB				Aqueou	1	1	608 8081	07/11 07:55	3G08036				
3G08036.	CAL PEST@2PPB				Aqueou	1	1	608 8081	07/11 08:11	3G08036				
3G08037.	CAL CHLOR@100PPB				Aqueou	1	1	608 8081	07/11 08:27	3G08036				
3G08038.	CAL TOXAPH@500PP				Aqueou	1	1	608 8081	07/11 08:44	3G08036				
3G08039.	WMB2283				Aqueou	1	1	608 8081	07/11 09:00	3G08036	3G08036	3G08036	3G08053	
3G08040.	WMB2283(MS)		WMB2283		Aqueou	1	1	608 8081	07/11 09:17	3G08036	3G08036	3G08036	3G08053	
3G08041.	WMB2282				Aqueou	1	1	608 8081	07/11 09:33	3G08036	3G08036	3G08036	3G08053	
3G08042.	WMB2282(MS)		WMB2282		Aqueou	1	1	608 8081	07/11 09:52	3G08036	3G08036	3G08036	3G08053	
3G08043.	AC18427-002			PE-608	Aqueou	1	1	608	07/11 10:09	3G08036	3G08036	3G08036	3G08053	
3G08044.	AC18427-003			PE-608	Aqueou	1	1	608	07/11 10:25	3G08036	3G08036	3G08036	3G08053	
3G08045.	SMB698A(MS)		SMB698A		Soil	1	1	8081	07/11 10:42	3G08036		3G08036	3G08053	
3G08046.	SMB698B(MS)		SMB698B		Soil	1	1	8081	07/11 10:58	3G08036		3G08036	3G08053	
3G08047.	SMB698C(MS)		SMB698C		Soil	1	1	8081	07/11 11:15	3G08036		3G08036	3G08053	
3G08048.	SMB698D(MS)		SMB698D		Soil	1	1	8081	07/11 11:32	3G08036		3G08036	3G08053	
3G08049.	AC18360-004			PE-8081	Soil	1	1	8081	07/11 11:48	3G08036		3G08036	3G08053	
3G08050.	AC18360-005			PE-8081	Soil	1	1	8081	07/11 12:04	3G08036		3G08036	3G08053	
3G08051.	AC18360-006			PE-8081	Soil	1	1	8081	07/11 12:43	3G08036		3G08036	3G08053	
3G08052.	AC18360-007			PE-8081	Soil	1	1	8081	07/11 12:59	3G08036		3G08036	3G08053	
3G08053.	CAL PEST@200PPB C16C26				Soil	0.25	1	608 8081	07/11 13:25	3G08036				
3G08054.	P/P SURR	Cme			Soil	1	1	8081	07/11 13:42	3G08036		3G08053		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	EsM	Solvent Extraction Date Missing/Not check'd	R18,R28	Rpt Out on M8Msd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Ein	Top/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpt Out on M8Msd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Top Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnt	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I18,I28	Initial cal 600 series failed Column 1 and or 2	Sa8,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob wth catprt.csv for init calibration chck rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method..	T15	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	T6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	T8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M16,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/fundates modcheck/preprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wfe	Warning... Instrument Id not in TrLoc field

RUN LOG

Instrument: GC_5 Year: 2005

Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5G03375	CAL EVAL	Is			Soil	1	1	8081	07/29 07:18	5G03376				
5G03376	CAL PEST@2PPB				Soil	1	1	608 8081	07/29 07:44	5G03376				
5G03377	CAL PEST@10PPB				Soil	1	1	608 8081	07/29 08:02	5G03376				
5G03378	CAL PEST@50PPB				Soil	1	1	608 8081	07/29 08:47	5G03376				
5G03379	CAL PEST@100PPB				Soil	1	1	608 8081	07/29 09:06	5G03376				
5G03380	CAL PEST@200PPB				Soil	1	1	608 8081	07/29 09:25	5G03376				
5G03381	CAL PEST@400PPB				Soil	1	1	608 8081	07/29 09:44	5G03376				
5G03382	CAL CHLOR@100PPB				Soil	1	1	608 8081	07/29 10:02	5G03376				
5G03383	CAL TOXAPH@500PP				Soil	1	1	608 8081	07/29 10:21	5G03376				
5G03384	SMB720B				Soil	1	1	8081	07/29 10:40	5G03376		5G03376	5G03394	
5G03385	SMB720B(MS)		SMB720B		Soil	1	1	8081	07/29 10:59	5G03376		5G03376	5G03394	
5G03386	AC18810-002			PE-8081	Soil	1	1	8081	07/29 11:18	5G03376		5G03376	5G03394	
5G03387	AC18797-001			PE-8081	Soil	1	1	8081	07/29 11:37	5G03376		5G03376	5G03394	
5G03388	AC18810-001			PE-8081	Soil	1	1	8081	07/29 11:55	5G03376		5G03376	5G03394	
5G03389	AC18810-003			PE-8081	Aqueou	1	1	8081	07/29 12:14	5G03376		5G03376	5G03394	
5G03390	WMB2300				Aqueou	1	1	608 8081	07/29 12:46	5G03376	5G03376	5G03376	5G03394	
5G03391	MB2300				Aqueou	1	1	608 8081	07/29 13:43	5G03376	5G03376	5G03376	5G03394	
5G03392	100PPB				Aqueou	0.5	1	608 8081	07/29 14:29	5G03376	5G03376	5G03376	5G03394	
5G03393	WMB2300(MS)		WMB2300		Aqueou	1	1	608 8081	07/29 15:23	5G03376	5G03376	5G03376	5G03394	
5G03394	CAL PEST@100PPB C16C26				Aqueou	0.5	1	608 8081	07/29 15:42	5G03376				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	ESm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B8m	Blank 800 series missing	Etn	Top/Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8n	Blank 8000 series missing	Eto	Top Extraction Performed Outside of Hold	Ro	Retention Time Out Or No/Drift Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (800 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	8000 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for int calibration check rts	Snc	Surrogate Not Checked
C28	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning - ini cal file -> method..	T15	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	T16	Outside of 600 series Tune time/Cal Time
D1a,D2a	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	T18	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	OC	Warning Compound(s) Over Calibration	Wle	Warning Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_3 Year: 2005

Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr		Method(s)	Analysis		Cal 600	Beg Cal	End Cal	BIKFile
						Dil	Sam Dil		Date	IniCal				
3G08300	CAL EVAL				Soil	1	1	8081	08/03 00:06	3G08036				
3G08301	TEST0803	Cn			Soil	1	1	8081	08/03 00:22	3G08036		3G08303		
18302	TEST0803	Cn			Soil	1	1	8081	08/03 00:39	3G08036		3G08303		
3G08303	CAL PEST@100PPB	C26			Soil	0.5	1	608 8081	08/03 00:55	3G08036				
3G08304	SMB724B				Soil	1	1	8081	08/03 01:11	3G08036		3G08303 3G08326		
3G08305	SMB724B(MS)		SMB724B		Soil	1	1	8081	08/03 01:28	3G08036		3G08303 3G08326		
3G08306	AC18819-002			PE-8081	Soil	1	1	8081	08/03 01:44	3G08036		3G08303 3G08326		
3G08307	AC18819-004			PE-8081	Soil	1	1	8081	08/03 02:00	3G08036		3G08303 3G08326		
3G08308	AC18819-006			PE-8081	Soil	1	1	8081	08/03 02:17	3G08036		3G08303 3G08326		
3G08309	AC18819-008			PE-8081	Soil	1	1	8081	08/03 02:33	3G08036		3G08303 3G08326		
3G08310	AC18819-010			PE-8081	Soil	1	1	8081	08/03 02:49	3G08036		3G08303 3G08326		
3G08311	AC18819-012			PE-8081	Soil	1	1	8081	08/03 03:06	3G08036		3G08303 3G08326		
3G08312	AC18819-014			PE-8081	Soil	1	1	8081	08/03 03:22	3G08036		3G08303 3G08326		
3G08313	AC18819-016			PE-8081	Soil	1	1	8081	08/03 03:38	3G08036		3G08303 3G08326		
3G08314	AC18819-018			PE-8081	Soil	1	1	8081	08/03 03:54	3G08036		3G08303 3G08326		
3G08315	AC18802-005			PE-8081	Soil	1	1	8081	08/03 04:11	3G08036		3G08303 3G08326		
3G08316	AC18802-003			PE-8081	Soil	1	1	8081	08/03 04:27	3G08036		3G08303 3G08326		
3G08317	AC18802-004			PE-8081	Soil	1	1	8081	08/03 04:43	3G08036		3G08303 3G08326		
3G08318	AC18802-006			PE-8081	Soil	1	1	8081	08/03 04:59	3G08036		3G08303 3G08326		
3G08319	SMB725B				Soil	1	1	8081	08/03 05:35	3G08036		3G08303 3G08326		
3G08320	AC18786-001			PE-8081	Soil	1	1	8081	08/03 06:18	3G08036		3G08303 3G08326		
3G08321	AC18786-002			PE-8081	Soil	1	1	8081	08/03 06:35	3G08036		3G08303 3G08326		
3G08322	AC18786-003			PE-8081	Soil	1	1	8081	08/03 06:51	3G08036		3G08303 3G08326		
3G08323	AC18855-001			PE-8081	Soil	1	1	8081	08/03 07:08	3G08036		3G08303 3G08326		
3G08324	50PPB	Tm			Soil	1	1	8081	08/03 08:16	3G08036		3G08303 3G08326		
3G08325	100PPB	Tm			Soil	0.5	1	8081	08/03 09:03	3G08036		3G08303 3G08326		
3G08326	CAL PEST@100PPB	C26			Soil	0.5	1	608 8081	08/03 09:44	3G08036				

Anc	Area Not Checked	Ed	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	EsM	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 8000 series
B6m	Blank 600 series missing	EIn	Tcp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Top Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	RIn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
---	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	SO	Surrogate Diluted Out
C6I	8000 series sample/blank did not have passing cal	Iv	Prob with calpt csv for int calibration chek rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. In cal file <- method.	T15	Outside of 600 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampt	T16	Outside of 8000 series Tune time/Cal Time
D1a,D2a	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	T18	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples began Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/fundates modcheck/preprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wfe	Warning Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_3 Year: 2005

Analyst: JK

8000

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	Beg Cal	End Cal	BkFile
3G08327	CAL EVAL	Is			Soil	1	1	8081	08/03 10:00	3G08334				
3G08328	CAL PEST@2PPB	Is	C16C26C18C28		Soil	1	1	608 8081	08/03 10:16	3G08036				
3G08329	CAL PEST@10PPB				Soil	1	1	608 8081	08/03 10:33	3G08334				
3G08330	CAL PEST@50PPB				Soil	1	1	608 8081	08/03 10:53	3G08334				
3G08331	CAL PEST@100PPB				Soil	1	1	608 8081	08/03 11:09	3G08334				
3G08332	CAL PEST@200PPB				Soil	1	1	608 8081	08/03 11:25	3G08334				
3G08333	CAL PEST@400PPB				Soil	1	1	608 8081	08/03 11:42	3G08334				
3G08334	CAL PEST@2PPB				Soil	1	1	608 8081	08/03 11:58	3G08334				
3G08335	CAL CHLOR@100PPB				Soil	1	1	608 8081	08/03 12:15	3G08334				
3G08336	CAL TOXAPH@500PP				Soil	1	1	608 8081	08/03 12:31	3G08334				
3G08337	test	S6S8			Aqueou	1	1	608 8081	08/03 12:48	3G08334	3G08334	3G08334	3G08345	
3G08338	2305(MS)				Aqueou	1	1	608 8081	08/03 13:04	3G08334	3G08334	3G08334	3G08345	
3G08339	18808-001(MS)(T)				Aqueou	1	1	608 8081	08/03 13:21	3G08334	3G08334	3G08334	3G08345	
3G08340	18808-001(MSD)(T)				Aqueou	1	1	608 8081	08/03 13:37	3G08334	3G08334	3G08334	3G08345	
3G08341	PEST_SPK	S6S8			Aqueou	1	1	608 8081	08/03 13:53	3G08334	3G08334	3G08334	3G08345	
3G08342	WMB2305(MS)		WMB2305		Aqueou	1	1	608 8081	08/03 14:27	3G08334	3G08334	3G08334	3G08345	
3G08343	AC18808-001(MS)(T)		WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 14:43	3G08334	3G08334	3G08334	3G08345	
3G08344	AC18808-001(MSD)(TM)16		WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 14:59	3G08334	3G08334	3G08334	3G08345	
3G08345	CAL PEST@100PPB				Aqueou	0.5	1	608 8081	08/03 15:16	3G08334				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Eln	Tcp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tcp/Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bn1	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Sample Analyzed Outside of Hold Time	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prb with calprt csv for init calibration check rts	Snc	Surrogate Not Checked
C8f	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .ini cal file <- method.	T15	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	T16	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	T18	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M18a,M18b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M16,M26	Spike Out Col 1 and or Col 2 8000 series	Trmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Preprundates modcheck/preprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wfe	Warning Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_5 Year: 2005

Analyst: JK

8000

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	Beg Cal	End Cal	BkFile
5G03420.	CAL EVAL				Soil	1	1	8081	08/04 05:17	5G03376				
5G03421.	CAL PEST@100PPB C16C26				Soil	0.5	1	608 8081	08/04 05:36	5G03376				
	J3422. SMB726B				Soil	1	1	8081	08/04 06:04	5G03376		5G03421	5G03440	
5G03423.	AC18778-001			PE-8081	Soil	1	1	8081	08/04 06:23	5G03376		5G03421	5G03440	
5G03424.	AC18778-002			PE-8081	Soil	1	1	8081	08/04 06:41	5G03376		5G03421	5G03440	
5G03425.	AC18778-003			PE-8081	Soil	1	1	8081	08/04 07:00	5G03376		5G03421	5G03440	
5G03426.	AC18778-004			PE-8081	Soil	1	1	8081	08/04 07:19	5G03376		5G03421	5G03440	
5G03427.	AC18778-005			PE-8081	Soil	1	1	8081	08/04 07:38	5G03376		5G03421	5G03440	
5G03428.	AC18778-006			PE-8081	Soil	1	1	8081	08/04 07:57	5G03376		5G03421	5G03440	
5G03429.	AC18778-007			PE-8081	Soil	1	1	8081	08/04 08:16	5G03376		5G03421	5G03440	
5G03430.	AC18778-008			PE-8081	Soil	1	1	8081	08/04 08:34	5G03376		5G03421	5G03440	
5G03431.	AC18778-009			PE-8081	Soil	1	1	8081	08/04 08:53	5G03376		5G03421	5G03440	
5G03432.	AC18881-001			PE-8081	Soil	1	1	8081	08/04 09:12	5G03376		5G03421	5G03440	
5G03433.	AC18881-002			PE-8081	Soil	1	1	8081	08/04 09:31	5G03376		5G03421	5G03440	
5G03434.	AC18881-003			PE-8081	Soil	1	1	8081	08/04 09:50	5G03376		5G03421	5G03440	
5G03435.	AC18881-004			PE-8081	Soil	1	1	8081	08/04 10:09	5G03376		5G03421	5G03440	
5G03436.	AC18881-005			PE-8081	Soil	1	1	8081	08/04 10:27	5G03376		5G03421	5G03440	
5G03437.	AC18881-006			PE-8081	Soil	1	1	8081	08/04 10:46	5G03376		5G03421	5G03440	
5G03438.	AC18881-007			PE-8081	Soil	1	1	8081	08/04 11:05	5G03376		5G03421	5G03440	
5G03439.	AC18881-001			PE-8081	Soil	1	1	8081	08/04 11:24	5G03376		5G03421	5G03440	
5G03440.	CAL PEST@200PPB C16C26				Soil	0.25	1	608 8081	08/04 11:56	5G03376				
5G03441.	100PPB	Cme			Soil	0.5	1	8081	08/04 12:18	5G03376		5G03440		

001443

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Totp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Totp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
***		Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (800 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 1 Out (8000 Series)	I16,I28	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogates Out (800 series)
	Calibration Column 2 Out (800 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogates Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C6f	8000 series sample/blank did not have passing cal	Iv	Prob with calpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
C8f	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..ini cal file <-> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Property for a sampl	Ti8	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M18a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	if for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/updates modcheck/prep/und	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	We	Warning... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000		Blk
												Beg Cal	End Cal	
5G03442	CAL EVAL				Soil	1	1	8081	08/05 05:50	5G03376				
5G03443	CAL PEST@100PPB C26				Soil	0.5	1	608 8081	08/05 06:08	5G03376				
	73444. SMB2405				Soil	1	1	8081	08/05 06:28	5G03376		5G03443	5G03464	
	J3445. SMB2405(MS)		SMB2405		Soil	1	1	8081	08/05 06:46	5G03376		5G03443	5G03464	
5G03446	AC18737-034			PE-8081	Soil	1	1	8081	08/05 07:05	5G03376		5G03443	5G03464	
5G03447	AC18737-036			PE-8081	Soil	1	1	8081	08/05 07:24	5G03376		5G03443	5G03464	
5G03448	AC18737-038			PE-8081	Soil	1	1	8081	08/05 07:43	5G03376		5G03443	5G03464	
5G03449	WMB2309				Aqueou	1	1	608 8081	08/05 08:02	5G03376	5G03443	5G03443	5G03464	
5G03450	WMB2309(MS)	M16M18M26M27M1B2309			Aqueou	1	1	608 8081	08/05 08:21	5G03376	5G03443	5G03443	5G03464	
5G03451	AC18883-001(T)		WMB2309	PETCLP-808	Aqueou	1	1	8081	08/05 08:39	5G03376		5G03443	5G03464	
5G03452	AC18876-001(MS)	M18M28	SMB2405	PE-8081	Soil	1	1	8081	08/05 08:58	5G03376		5G03443	5G03464	
5G03453	AC18876-001(MSD)	M18M28	SMB2405	PE-8081	Soil	1	1	8081	08/05 09:17	5G03376		5G03443	5G03464	
5G03454	AC18876-001		SMB2405	PE-8081	Soil	1	1	8081	08/05 09:36	5G03376		5G03443	5G03464	
5G03455	AC18876-002			PE-8081	Soil	1	1	8081	08/05 09:55	5G03376		5G03443	5G03464	
5G03456	AC18778-013			PE-8081	Soil	1	1	8081	08/05 10:14	5G03376		5G03443	5G03464	
5G03457	AC18778-014			PE-8081	Soil	1	1	8081	08/05 10:32	5G03376		5G03443	5G03464	
5G03458	AC18778-015			PE-8081	Soil	1	1	8081	08/05 10:51	5G03376		5G03443	5G03464	
5G03459	AC18778-017			PE-8081	Soil	1	1	8081	08/05 11:10	5G03376		5G03443	5G03464	
5G03460	AC18778-010			PE-8081	Soil	1	1	8081	08/05 11:29	5G03376		5G03443	5G03464	
5G03461	AC18778-012			PE-8081	Soil	1	1	8081	08/05 11:48	5G03376		5G03443	5G03464	
5G03462	AC18876-001(10X)			PE-8081	Soil	10	10	8081	08/05 12:07	5G03376		5G03443	5G03464	
5G03463	AC18778-009(R)			PE-8081	Soil	1	1	8081	08/05 12:25	5G03376		5G03443	5G03464	
5G03464	CAL PEST@200PPB C16C26C18				Soil	0.25	1	608 8081	08/05 13:00	5G03376				
5G03465	200PPB	Cme			Soil	0.25	1	8081	08/05 13:53	5G03376		5G03464		

Ann	Area Not Checked	Fa	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	R16 R26	Rnd Out on M&M&D (col 1 and or col 2) 8000 series
ARM	Blank 800 series missing	Fm	Trp/Solvent Extraction Date Missing/Not check'd	R1A R2A	Rnd Out on M&M&D (col 1 and or col 2) 8000 series
B8m	Blank 8000 series missing	Elo	Yolo Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Diff
C16	Calibration Column 1 Out (8000 Series)	Hb	Analysis Before Collection Date	S6	8000 series surrogate out
C18	Calibration Column 2 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (8000 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Sa6 Sb6	Acid and or BN Surrogate Out (800 series)
	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
	8000 series sample/blank did not have a session cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have a session cal	Iv	Preb with calibr csv for int calibration check rfs	Snc	Surrogate Not Checked
Cme	Foreign Cal missing for sample (8000 series)	Iw	Initial cal warning: Ini cal file <> method	T15	Outside of 500 series Time time
Cn	Calibration Not Checked for comparison level	Iv	Initial Cal Files Not Updated Properly for a sample	T16	Outside of 8000 series Time time/Cal Time
R16 R26	Diff Out Column 1 or Column 2 Date or Int Calc	M1A M2A	Spike Out Col 1 and or Col 2 800 series	T1A	Outside of 8000 series Time time/Cal Time
Rnc	Diff Not Checked	M1Bx M15h	Spoke Out Col 1 800 series Acid and or RN	Tm	Too Many Samples/J for beginning Calibration
Rn	Diff Out	M1A M2A	Spoke Out Col 1 and or Col 2 8000 series	Tnw	If for RN use Too many samples begin Calibration
Rha	An Extraction Before Collection Date	M1A M18h	Spoke Out Col 1 8000 series Acid and or RN	Tn	Time Not Checked
Rhm	Problem Checking Pre/Post dates and check/reason	Mnc	Spoke Not Checked for this method	Tn	Time File Failed
Rn	Eval Time Not Checked	On	Warning Compound(s) Over Calibration	Wa	Warning Instrument Id not in Text or field

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BkgFile
3G08411.	CAL EVAL				Aqueou	1	1	608 8081	08/05 07:39	3G08334				01440
3G08412.	CAL PEST@100PPB	C26			Aqueou	0.5	1	608 8081	08/05 07:56	3G08334				
J8413.	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/05 08:32	3G08334				
J8414.	WMB2309				Aqueou	1	1	608 8081	08/05 08:49	3G08334	3G08412	3G08412	3G08430	
3G08415.	WMB2309(MS)		WMB2309		Aqueou	1	1	608 8081	08/05 09:05	3G08334	3G08412	3G08412	3G08430	
3G08416.	SMB727B				Soil	1	1	8081	08/05 09:22	3G08334		3G08412	3G08430	
3G08417.	SMB727B(MS)		SMB727B		Soil	1	1	8081	08/05 09:38	3G08334		3G08412	3G08430	
3G08418.	AC18778-011(MS)		SMB727B	PE-8081	Soil	1	1	8081	08/05 09:55	3G08334		3G08412	3G08430	
3G08419.	AC18778-011(MSD)		SMB727B	PE-8081	Soil	1	1	8081	08/05 10:11	3G08334		3G08412	3G08430	
3G08420.	AC18778-011		SMB727B	PE-8081	Soil	1	1	8081	08/05 10:28	3G08334		3G08412	3G08430	
3G08421.	AC18778-019			PE-8081	Soil	1	1	8081	08/05 10:44	3G08334		3G08412	3G08430	
3G08422.	AC18778-024			PE-8081	Soil	1	1	8081	08/05 11:01	3G08334		3G08412	3G08430	
3G08423.	AC18778-016			PE-8081	Soil	1	1	8081	08/05 11:17	3G08334		3G08412	3G08430	
3G08424.	AC18778-020			PE-8081	Soil	1	1	8081	08/05 11:34	3G08334		3G08412	3G08430	
3G08425.	AC18778-022			PE-8081	Soil	1	1	8081	08/05 11:50	3G08334		3G08412	3G08430	
3G08426.	AC18778-018			PE-8081	Soil	1	1	8081	08/05 12:07	3G08334		3G08412	3G08430	
3G08427.	AC18778-021			PE-8081	Soil	1	1	8081	08/05 12:23	3G08334		3G08412	3G08430	
3G08428.	AC18778-023			PE-8081	Soil	1	1	8081	08/05 12:40	3G08334		3G08412	3G08430	
3G08429.	AC18778-003(R)			PE-8081	Soil	1	1	8081	08/05 12:56	3G08334		3G08412	3G08430	
3G08430.	CAL PEST@200PPB				Soil	0.25	1	608 8081	08/05 13:47	3G08334				
3G08431.	CAL EVAL				Soil	1	1	8081	08/05 14:08	3G08334				
3G08432.	AC18778-010			PE-8081	Soil	1	1	8081	08/05 15:16	3G08334		3G08430	3G08448	
3G08433.	AC18778-011			PE-8081	Soil	1	1	8081	08/05 15:32	3G08334		3G08430	3G08448	
3G08434.	AC18778-012			PE-8081	Soil	1	1	8081	08/05 15:49	3G08334		3G08430	3G08448	
3G08435.	AC18778-013			PE-8081	Soil	1	1	8081	08/05 16:05	3G08334		3G08430	3G08448	
3G08436.	AC18778-014			PE-8081	Soil	1	1	8081	08/05 16:22	3G08334		3G08430	3G08448	
3G08437.	AC18778-015			PE-8081	Soil	1	1	8081	08/05 16:38	3G08334		3G08430	3G08448	
3G08438.	AC18778-016			PE-8081	Soil	1	1	8081	08/05 16:55	3G08334		3G08430	3G08448	
3G08439.	AC18778-017			PE-8081	Soil	1	1	8081	08/05 17:11	3G08334		3G08430	3G08448	
3G08440.	AC18778-018			PE-8081	Soil	1	1	8081	08/05 17:28	3G08334		3G08430	3G08448	
3G08441.	AC18778-019			PE-8081	Soil	1	1	8081	08/05 17:44	3G08334		3G08430	3G08448	
3G08442.	AC18778-020			PE-8081	Soil	1	1	8081	08/05 18:00	3G08334		3G08430	3G08448	
3G08443.	AC18778-021			PE-8081	Soil	1	1	8081	08/05 18:17	3G08334		3G08430	3G08448	
3G08444.	AC18778-022			PE-8081	Soil	1	1	8081	08/05 18:33	3G08334		3G08430	3G08448	
3G08445.	AC18778-023			PE-8081	Soil	1	1	8081	08/05 18:50	3G08334		3G08430	3G08448	
3G08446.	AC18778-024			PE-8081	Soil	1	1	8081	08/05 19:06	3G08334		3G08430	3G08448	
J8447.	AC18778-003(R)			PE-8081	Soil	1	1	8081	08/05 19:22	3G08334		3G08430	3G08448	
J8448.	CAL PEST@400PPB	C16C26			Soil	0.125	1	608 8081	08/05 19:39	3G08334				
3G08449.	CAL PEST@400PPB	C16C26			Soil	0.125	1	608 8081	08/05 19:55	3G08334				
3G08450.	CAL PEST@200PPB	C16C26			Soil	0.25	1	608 8081	08/05 20:12	3G08334				
3G08451.	CAL PEST@200PPB	C16C26C18C28			Soil	0.25	1	608 8081	08/05 20:28	3G08334				
3G08452.	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/05 20:44	3G08334				
3G08453.	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/05 21:01	3G08334				
3G08454.	CAL PEST@100PPB	C16C26C28			Soil	0.5	1	608 8081	08/05 21:17	3G08334				
3G08455.	CAL PEST@100PPB	C16C26C18C28			Soil	0.5	1	608 8081	08/05 21:33	3G08334				

Ann	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fam	Solvent Extraction Date Missing/Not check'd	R16 R26	Ret Out on Method (col 1 and or col 2) 8000 series
Bfm	Blank 8000 series missing	Ffn	Total Solvent Extraction Date Missing/Not check'd	R18 R28	Ret Out on Method (col 1 and or col 2) 8000 series
Bfm	Blank 8000 series missing	Ffn	Total Solvent Extraction Date Missing/Not check'd	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ffo	Eval Time Exceeded	Rtn	Can't Calculate Dm
C16	Calibration Column 1 Out (8000 Series)	Hb	Analysis Before Collection Date	S6	8000 series surrogate out
C18	Calibration Column 2 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S6	8000 series surrogate out
	Calibration Column 2 Out (8000 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Sa6.Sb6	Acid and or BN Surrogate Out (8000 series)
	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
	8000 series sample/blank did not have passing cal	Ic	Initial Cal Not Checked	Sr	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prsh with calbrt csv for init calibration check rts	Snc	Surrogate Not Checked
	8000 series sample/blank did not have passing cal	Iw	Initial cal warning ini cal file <> method	T15	Outside of 8000 series Time time
	8000 series sample/blank did not have passing cal	Iy	Initial Cal Files Not Updated Properly for a sample	T16	Outside of 8000 series Time time/Cal Time
	8000 series sample/blank did not have passing cal	M16 M26	Spikes Out Col 1 and or Col 2 8000 series	T18	Outside of 8000 series Time time/Cal Time
	8000 series sample/blank did not have passing cal	M18 M28	Spikes Out Col 1 8000 series Acid and or BN	Tm	Too Many Samples for beginning Calibration
	8000 series sample/blank did not have passing cal	M16a M26a	Spikes Out Col 1 and or Col 2 8000 series	Tmw	If for 800 see Too many samples begin Calibration
	8000 series sample/blank did not have passing cal	M18a M28a	Spikes Out Col 1 8000 series Acid and or BN	Tn	Time Not Checked
	8000 series sample/blank did not have passing cal	M16aa M26aa	Spikes Not Checked for ini cal method	To	Time File Failed
	8000 series sample/blank did not have passing cal	M18aa M28aa	Warning Compound's Over Calibration	Wa	Warning Instrument Id not In List of field

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	Blk File
5G03467	CAL EVAL				Soil	1	1	8081	08/08 05:43	5G03376				
5G03468	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/08 06:51	5G03376				
5G03469	CAL PEST@2PPB				Soil	1	1	608 8081	08/08 07:12	5G03469				
5G03470	CAL PEST@10PPB				Soil	1	1	608 8081	08/08 07:30	5G03469				
5G03471	CAL PEST@50PPB				Soil	1	1	608 8081	08/08 07:49	5G03469				
5G03472	CAL PEST@100PPB				Soil	1	1	608 8081	08/08 08:08	5G03469				
5G03473	CAL PEST@200PPB				Soil	1	1	608 8081	08/08 08:27	5G03469				
5G03474	CAL PEST@400PPB				Soil	1	1	608 8081	08/08 08:46	5G03469				
5G03475	CAL CHLOR@100PPB				Soil	1	1	608 8081	08/08 09:05	5G03469				
5G03476	CAL TOXAPH@500PP				Soil	1	1	608 8081	08/08 09:23	5G03469				
5G03477	AC18907-005(T)			PETCLP-808	Aqueou	1	1	8081	08/08 09:42	5G03469		5G03469	5G03491	
5G03478	WMB2310				Aqueou	1	1	608 8081	08/08 10:01	5G03469	5G03469	5G03469	5G03491	
5G03479	WMB2310(MS)		WMB2310		Aqueou	1	1	608 8081	08/08 10:20	5G03469	5G03469	5G03469	5G03491	
5G03480	AC18737-027	Eo		PE-608	Aqueou	1	1	608	08/08 10:39	5G03469	5G03469	5G03469	5G03491	
5G03481	AC18737-025	Eo		PE-608	Aqueou	1	1	608	08/08 10:58	5G03469	5G03469	5G03469	5G03491	
5G03482	AC18737-022	Eo		PE-608	Aqueou	1	1	608	08/08 11:16	5G03469	5G03469	5G03469	5G03491	
5G03483	AC18778-024(R)			PE-8081	Soil	1	1	8081	08/08 11:35	5G03469		5G03469	5G03491	
5G03484	AC18737-027(50X)	DoEo		PE-608	Aqueou	50	50	608	08/08 11:54	5G03469	5G03469	5G03469	5G03491	
5G03485	AC18737-025(10X)	Eo		PE-608	Aqueou	10	10	608	08/08 12:13	5G03469	5G03469	5G03469	5G03491	
5G03486	AC18737-034(5X)			PE-8081	Soil	5	5	8081	08/08 12:31	5G03469		5G03469	5G03491	
5G03487	AC18888-001			PE-8081	Aqueou	1	1	8081	08/08 12:50	5G03469		5G03469	5G03491	
5G03488	AC18916-025			PE-8081	Aqueou	1	1	8081	08/08 13:09	5G03469		5G03469	5G03491	
5G03489	AC18873-014			PE-8081	Aqueou	1	1	8081	08/08 13:28	5G03469		5G03469	5G03491	
5G03490	100PPB	Trmw			Aqueou	0.5	1	608 8081	08/08 13:47	5G03469	5G03469	5G03469	5G03491	
5G03491	CAL PEST@100PPB	C16C26			Aqueou	0.5	1	608 8081	08/08 14:15	5G03469				

01446

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ap	Area Out	Em	Solvent Extraction Date Missing/Not check'd	R18,R26	Rpd Out on MSMSd (col1 and or col2) 8000 series
B6m	Blank 600 series missing	Em	Top/Solvent Extraction Date Missing/Not check'd	R18,R26	Rpd Out on MSMSd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Top Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnft
C16	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	800 series surrogate out
	Calibration Column 1 Out (8000 Series)	Hc	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration check rts	SnC	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning...ini cal file -> method...	T5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	T6	Outside of 600 series Tune time/Cal Time
D1a,D2a	Dnft Out Column 1 or Column 2 Cals or Init Cals	M16a,M26	Spike Out Col 1 and or Col 2 800 series	T8	Outside of 8000 series Tune time/Cal Time
Dnc	Dnft Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Dnft Out	M16a,M26	Spike Out Col 1 and or Col 2 8000 series	Trmw	if for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M16a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/undates modcheck/prepund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	OC	Warning Compound(s) Over Calibration	Wle	Warning Instrument Id not in Txt Loc field

RUN LOG

Instrument: GC_3 Year: 2005

Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BkFile
3G08456	CAL EVAL				Aqueou	1	1	608 8081	08/08 05:51	3G08334				
3G08457	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/08 06:08	3G08334				
3G08458	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/08 06:26	3G08334				
3G08459	SMB728B				Soil	1	1	8081	08/08 06:56	3G08334		3G08457	3G08479	
3G08460	SMB729B				Soil	1	1	8081	08/08 07:12	3G08334		3G08457	3G08479	
3G08461	SMB728B(MS)		SMB728B		Soil	1	1	8081	08/08 07:29	3G08334		3G08457	3G08479	
3G08462	SMB729B(MS)		SMB729B		Soil	1	1	8081	08/08 07:45	3G08334		3G08457	3G08479	
3G08463	AC18830-011		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:02	3G08334		3G08457	3G08479	
3G08464	AC18830-011(MS)		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:18	3G08334		3G08457	3G08479	
3G08465	AC18830-011(MSD)		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:34	3G08334		3G08457	3G08479	
3G08466	AC18920-001			PE-8081	Soil	1	1	8081	08/08 08:51	3G08334		3G08457	3G08479	
3G08467	AC18778-014(R)			PE-8081	Soil	1	1	8081	08/08 09:07	3G08334		3G08457	3G08479	
3G08468	AC18778-024(R)			PE-8081	Soil	1	1	8081	08/08 09:24	3G08334		3G08457	3G08479	
3G08469	AC18807-023			PE-8081	Soil	1	1	8081	08/08 09:40	3G08334		3G08457	3G08479	
3G08470	AC18807-001			PE-8081	Soil	1	1	8081	08/08 09:56	3G08334		3G08457	3G08479	
3G08471	AC18807-004			PE-8081	Soil	1	1	8081	08/08 10:12	3G08334		3G08457	3G08479	
3G08472	AC18807-008			PE-8081	Soil	1	1	8081	08/08 10:29	3G08334		3G08457	3G08479	
3G08473	AC18807-014			PE-8081	Soil	1	1	8081	08/08 10:45	3G08334		3G08457	3G08479	
3G08474	AC18807-017			PE-8081	Soil	1	1	8081	08/08 11:01	3G08334		3G08457	3G08479	
3G08475	AC18807-020			PE-8081	Soil	1	1	8081	08/08 11:18	3G08334		3G08457	3G08479	
3G08476	AC18830-001			PE-8081	Soil	1	1	8081	08/08 11:33	3G08334		3G08457	3G08479	
3G08477	AC18830-002			PE-8081	Soil	1	1	8081	08/08 11:50	3G08334		3G08457	3G08479	
3G08478	AC18830-009			PE-8081	Soil	1	1	8081	08/08 12:06	3G08334		3G08457	3G08479	
3G08479	CAL PEST@100PPB	C16			Soil	0.5	1	608 8081	08/08 13:20	3G08334				
3G08480	100PPB	Cme			Soil	0.5	1	8081	08/08 13:36	3G08334		3G08479		

001447

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 600 series missing	Etn	Tcp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tcp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C1A	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (800 Series)	I16,I26	Initial cal 800 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (800 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrp.csv for init calibration check rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning...ini cal file <- method...	T15	Outside of 600 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Property for a sample	T16	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cats or Init Cats	M16,M26	Spike Out Col 1 and or Col 2 600 series	T18	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheck/preprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wte	Warning Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_5 Year: 2005

Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5G03442	CAL EVAL				Soil	1	1	8081	08/05 05:50	5G03376				
5G03443	CAL PEST@100PPB C26				Soil	0.5	1	608 8081	08/05 06:08	5G03376				
	13444. SMB2405				Soil	1	1	8081	08/05 06:28	5G03376		5G03443	5G03464	
5G03445	SMB2405(MS)		SMB2405		Soil	1	1	8081	08/05 06:46	5G03376		5G03443	5G03464	
5G03446	AC18737-034			PE-8081	Soil	1	1	8081	08/05 07:05	5G03376		5G03443	5G03464	
5G03447	AC18737-036			PE-8081	Soil	1	1	8081	08/05 07:24	5G03376		5G03443	5G03464	
5G03448	AC18737-038			PE-8081	Soil	1	1	8081	08/05 07:43	5G03376		5G03443	5G03464	
5G03449	WMB2309				Aqueou	1	1	608 8081	08/05 08:02	5G03376	5G03443	5G03443	5G03464	
5G03450	WMB2309(MS)		WMB2309		Aqueou	1	1	608 8081	08/05 08:21	5G03376	5G03443	5G03443	5G03464	
5G03451	AC18883-001(T)		WMB2309	PETCLP-808	Aqueou	1	1	8081	08/05 08:39	5G03376		5G03443	5G03464	
5G03452	AC18876-001(MS)	M18M28	WMB2309	PE-8081	Soil	1	1	8081	08/05 08:58	5G03376		5G03443	5G03464	
5G03453	AC18876-001(MSD)	M18M28	WMB2309	PE-8081	Soil	1	1	8081	08/05 09:17	5G03376		5G03443	5G03464	
5G03454	AC18876-001			PE-8081	Soil	1	1	8081	08/05 09:36	5G03376		5G03443	5G03464	
5G03455	AC18876-002			PE-8081	Soil	1	1	8081	08/05 09:55	5G03376		5G03443	5G03464	
5G03456	AC18778-013			PE-8081	Soil	1	1	8081	08/05 10:14	5G03376		5G03443	5G03464	
5G03457	AC18778-014			PE-8081	Soil	1	1	8081	08/05 10:32	5G03376		5G03443	5G03464	
5G03458	AC18778-015			PE-8081	Soil	1	1	8081	08/05 10:51	5G03376		5G03443	5G03464	
5G03459	AC18778-017			PE-8081	Soil	1	1	8081	08/05 11:10	5G03376		5G03443	5G03464	
5G03460	AC18778-010			PE-8081	Soil	1	1	8081	08/05 11:29	5G03376		5G03443	5G03464	
5G03461	AC18778-012			PE-8081	Soil	1	1	8081	08/05 11:48	5G03376		5G03443	5G03464	
5G03462	AC18876-001(10X)		WMB2309	PE-8081	Soil	10	10	8081	08/05 12:07	5G03376		5G03443	5G03464	
5G03463	AC18776-009(R)				Soil	1	1	8081	08/05 12:25	5G03376		5G03443	5G03464	
5G03464	CAL PEST@200PPB C16C26C18				Soil	0.25	1	608 8081	08/05 13:00	5G03376				
5G03465	200PPB	Cme			Soil	0.25	1	8081	08/05 13:53	5G03376		5G03464		

01148

Anc	Area Not Checked	Ed	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 8000 series
B6m	Blank 600 series missing	Ein	Tcpl/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Elo	Tolp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnl	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnt
C16	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (800 Series)	I16,I28	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chk rfs	Snc	Surrogate Not Checked
C8f	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..ini cal file <-> method..	T5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	T6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Inl Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	T8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheck/preprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	We	Warning...Instrument Id not in TxtLoc field

Veritech Internally Prepared Standard Log

001449

Veritech Lot Number: V-210

Prepared By: Yarka		Department: Organics		
Description: PEST/PCB SURR		BatchNumber:		
Prep Date: 9/20/2004		Concentration: 200 ppm		
Expiration Date: 9/30/2005		Final Volume: 100 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
480	TCMX	20 mg	neat	200 ppm
481	DCB	20 mg	neat	200 ppm
485	Acetone Neat	100 ml		

Veritech Lot Number: V-1583

Prepared By: Revolus, Jean		Department: Organics		
Description: TOXAPHENE- INTERMEDIATE		BatchNumber: B-207		
Prep Date: 3/11/2005		Concentration: 50 ppm		
Expiration Date: 9/11/2005		Final Volume: 1 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1061	TOXAPHENE	50 ul	1000 ppm	50 ppm
V-210	PEST/PCB SURR	25 ul	200PPM	50 ppm
802	n-Hexane	925 ul		neat

Veritech Lot Number: V-1584

Prepared By: Revolus, Jean		Department: Organics		
Description: TOXAPHENE- WS		BatchNumber: B-207		
Prep Date: 3/11/2005		Concentration: 500 ppb		
Expiration Date: 9/11/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9900 ul		neat
V-1583	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb

Veritech Lot Number: V-2336

Prepared By: Desai, Kinjal		Department: Organics		
Description: CHLORDANE-INTERMEDIATE		BatchNumber: B-279		
Prep Date: 4/12/2005		Concentration: 10 ppm		
Expiration Date: 9/20/2005		Final Volume: 1 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	940 ul		neat
V-210	PEST/PCB SURR	50 ul	200 ppm	
809	Chlordane	10 ul	1000 ppm	

Veritech Lot Number: V-2337

Prepared By: Desai, Kinjal		Department: Organics		
Description: CHLORDANE-WS		BatchNumber: B-279		
Prep Date: 4/12/2005		Concentration: 100 ppb		
Expiration Date: 9/20/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9900 ul		neat
V-2336	CHLORDANE-INTERMEDIATE	100 ul	10 ppm	100 ppb

Veritech Internally Prepared Standard Log

601450

Veritech Lot Number: V-3815

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: PEST-INTERM.		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 10 ppm		
Expiration Date: 9/30/2005		Final Volume: 1 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
837	Single-Column Analytes	10 ul	1000 ppm	10 ppm
802	n-Hexane	940 ul	neat neat	
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-3816

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: EVAL MIX		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 100 ppb		
Expiration Date: 9/30/2005		Final Volume: 25 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	24982.5 ul	neat neat	
V-210	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
850	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Lot Number: V-3817

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 400 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9600 ul	neat neat	
V-3815	PEST-INTERM.	400 ul	10 ppm	400 ppb

Veritech Lot Number: V-3818

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 200 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9800 ul	neat neat	
V-3815	PEST-INTERM.	200 ul	10 ppm	400 ppb

Veritech Lot Number: V-3819

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 100 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9900 ul	neat neat	
V-3815	PEST-INTERM.	100 ul	10 ppm	400 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-3820

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 50 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802 V-3815	n-Hexane PEST-INTERM.	9950 ul 50 ul	neat neat 10 ppm	400 ppb

Veritech Lot Number: V-3821

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 10 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802 V-3815	n-Hexane PEST-INTERM.	9990 ul 10 ul	neat neat 10 ppm	400 ppb

Veritech Lot Number: V-3822

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: pest WS		BatchNumber: B-421		
Prep Date: 6/3/2005		Concentration: 2 ppb		
Expiration Date: 9/30/2005		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802 V-3815	n-Hexane PEST-INTERM.	9998 ul 2 ul	neat neat 10 ppm	400 ppb

001451

Veritech Standard Receipt Log

001452

Veritech Control/Receipt Number: 480

Description
TCMX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
supelco	44-2298	LB07127	10/24/02	09/30/05	Yarka	1	1g	neat	

Veritech Control/Receipt Number: 481

Description
DCB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
supelco	44-2537	LB07636	10/24/02	10/31/05	Yarka	1	0.1g	neat	

Veritech Control/Receipt Number: 485

Description
Acetone Neat

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
Fisher	a40-4	038587	04/14/04	01/19/10	richq	1	4L	neat	

Veritech Control/Receipt Number: 802

Description
n-Hexane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
Pharmco	35900HPLC	3002069	05/20/04	10/13/10	Yarka	1	4L	neat	

Veritech Control/Receipt Number: 809

Description
Chlordane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
supelco	48065-u	lb23203	10/14/04	08/31/07	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 837

Description
Single-Column Analytes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
ACCUSTANDAR	M-8081-SC	B4100011	10/29/04	10/04/06	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 850

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/Cont	Conc:	Units:
Supelco	4-8282	LB22488	11/10/04	08/17/07	Akmal	1	1ml	500	ppm

Veritech Standard Receipt Log

011453

Veritech Control/Receipt Number: 1061

Description
TOXAPHENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERV	F106BS	320-108A	03/11/05	07/31/06	Revolus, Jean	1	4ml	1000	PPM

Veritech Internally Prepared Standard Log

001454

Veritech Lot Number: V-210

Prepared By: Yarka Department: Organics
 Description: PEST/PCB SURR BatchNumber:
 Prep Date: 9/20/04 Concentration: 200 ppm
 Expiration Date: 9/30/05 Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
480	TCMX	20 mg	neat	200 ppm
481	DCB	20 mg	neat	200 ppm
485	Acetone Neat	100 ml		

Veritech Lot Number: V-3166

Prepared By: Korytova, Jaroslava Department: Organics
 Description: TCMX/DCB SGT BatchNumber:
 Prep Date: 5/12/05 Concentration: 10 ppm
 Expiration Date: 9/30/05 Final Volume: 200 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
950	Acetone	190 ml	Neat ml	
V-210	PEST/PCB SURR	10 ml	200 ppm	

Veritech Lot Number: V-4044

Prepared By: Quimby, Richard Department: Organics
 Description: Pest Spk BatchNumber:
 Prep Date: 6/9/05 Concentration: 10 ppm
 Expiration Date: 12/8/05 Final Volume: 20 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1032	SS TCL PESTICIDES MIX	100 ul	2000 ppm	10 ppm
950	Acetone	19900 ul	Neat ml	

Veritech Lot Number: V-5154

Prepared By: Quimby, Richard Department: Organics
 Description: PEST/PCB SURR BatchNumber:
 Prep Date: 7/26/05 Concentration: 10 ppm
 Expiration Date: 9/30/05 Final Volume: 200 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
950	Acetone	190 ml	Neat	
V-210	PEST/PCB SURR	10 ml	200 ppm	10 ppm

Veritech Standard Receipt Log

001455

Veritech Control/Receipt Number: 480

Description

TCMX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	44-2298	LB07127	10/24/02	09/30/05	Yarka	1	1g	neat	

Veritech Control/Receipt Number: 481

Description

DCB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	44-2537	LB07636	10/24/02	10/31/05	Yarka	1	0.1g	neat	

Veritech Control/Receipt Number: 485

Description

Acetone Neat

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	a40-4	038587	04/14/04	01/19/10	richq	1	4L	neat	

Veritech Control/Receipt Number: 950

Description

Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher Scientific	A40-4	043780	12/13/04	11/17/10	Akmal	1	4L	Neat	

Veritech Control/Receipt Number: 1032

Description

SS TCL PESTICIDES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4S-8913	LB20744	03/02/05	05/31/07	Revolus, Jean	1	1ml	2000	PPM

Metal Data

**Metal Data
Sample Data**

001458

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-001
Client Id: PCSB-26(0.5')
Matrix: SOIL
Level: LOW

% Solid: 88
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	8.0	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-38-2	Arsenic	2.3	64	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-39-3	Barium	11	390	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-41-7	Beryllium	0.68	1.4	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-43-9	Cadmium	0.68	2.6	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-47-3	Chromium	5.7	34	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-50-8	Copper	5.7	200	100	08/08/05	6206	S6206A	20	P	PEICP1
7439-92-1	Lead	5.7	3000	100	08/08/05	6206	S6206A	20	P	PEICP1
7439-97-6	Mercury	0.95	17	1670	08/08/05	6206	H6206SB	10	CV	HGCV1
7440-02-0	Nickel	5.7	42	100	08/08/05	6206	S6206A	20	P	PEICP1
7782-49-2	Selenium	2.0	4.0	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	20	P	PEICP1
7440-66-6	Zinc	11	730	100	08/08/05	6206	S6206A	20	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001459

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-002
Client Id: PCSB-26(6.5')
Matrix: SOIL
Level: LOW

% Solid: 69
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.9	ND	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-38-2	Arsenic	2.9	5.2	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-39-3	Barium	14	120	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-41-7	Beryllium	0.87	1.1	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-43-9	Cadmium	0.87	ND	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-47-3	Chromium	7.2	42	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-50-8	Copper	7.2	18	100	08/08/05	6206	S6206A	22	P	PEICP1
7439-92-1	Lead	7.2	51	100	08/08/05	6206	S6206A	22	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/08/05	6206	H6206S	18	CV	HGCV1
7440-02-0	Nickel	7.2	26	100	08/08/05	6206	S6206A	22	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-22-4	Silver	3.6	ND	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/08/05	6206	S6206A	22	P	PEICP1
7440-66-6	Zinc	14	69	100	08/08/05	6206	S6206A	22	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

001430

Sample ID: AC18778-003
Client Id: PCSB-26(8.0')
Matrix: SOIL
Level: LOW

% Solid: 70
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.9	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-38-2	Arsenic	2.9	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-39-3	Barium	14	140	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-41-7	Beryllium	0.86	0.98	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-43-9	Cadmium	0.86	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-47-3	Chromium	7.1	37	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-50-8	Copper	7.1	10	100	08/08/05	6206	S6206A	27	P	PEICP1
7439-92-1	Lead	7.1	11	100	08/08/05	6206	S6206A	27	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/08/05	6206	H6206S	19	CV	HGCV1
7440-02-0	Nickel	7.1	28	100	08/08/05	6206	S6206A	27	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-22-4	Silver	3.6	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/08/05	6206	S6206A	27	P	PEICP1
7440-66-6	Zinc	14	61	100	08/08/05	6206	S6206A	27	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001401

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-004
Client Id: PCSB-27(0.5')
Matrix: SOIL
Level: LOW

% Solid: 86
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	2.6	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-38-2	Arsenic	2.3	27	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-39-3	Barium	12	110	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-41-7	Beryllium	0.70	0.81	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-43-9	Cadmium	0.70	ND	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-47-3	Chromium	5.8	8.7	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-50-8	Copper	5.8	82	100	08/08/05	6206	S6206A	28	P	PEICP1
7439-92-1	Lead	5.8	440	100	08/08/05	6206	S6206A	28	P	PEICP1
7439-97-6	Mercury	0.097	ND	167	08/08/05	6206	H6206S	22	CV	HGCV1
7440-02-0	Nickel	5.8	14	100	08/08/05	6206	S6206A	28	P	PEICP1
7782-49-2	Selenium	2.1	4.2	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	28	P	PEICP1
7440-66-6	Zinc	12	130	100	08/08/05	6206	S6206A	28	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001462

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-005	% Solid: 88	Lab Name: Veritech	Nras No:
Client Id: PCSB-27(1.5')	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 7/27/2005	Contract:	Case No:
Level: LOW			

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-38-2	Arsenic	2.3	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-39-3	Barium	11	39	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-47-3	Chromium	5.7	21	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-50-8	Copper	5.7	26	100	08/08/05	6206	S6206A	29	P	PEICP1
7439-92-1	Lead	5.7	13	100	08/08/05	6206	S6206A	29	P	PEICP1
7439-97-6	Mercury	0.095	ND	167	08/08/05	6206	H6206S	23	CV	HGCV1
7440-02-0	Nickel	5.7	14	100	08/08/05	6206	S6206A	29	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	29	P	PEICP1
7440-66-6	Zinc	11	73	100	08/08/05	6206	S6206A	29	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

08/10/05

Sample ID: AC18778-006
Client Id: PCSB-27(10.5')
Matrix: SOIL
Level: LOW

% Solid: 60
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.3	ND	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-38-2	Arsenic	3.3	6.8	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-39-3	Barium	17	95	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-41-7	Beryllium	1.0	1.0	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-47-3	Chromium	8.3	64	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-50-8	Copper	8.3	29	100	08/08/05	6206	S6206A	30	P	PEICP1
7439-92-1	Lead	8.3	40	100	08/08/05	6206	S6206A	30	P	PEICP1
7439-97-6	Mercury	0.14	0.40	167	08/08/05	6206	H6206S	24	CV	HGCV1
7440-02-0	Nickel	8.3	33	100	08/08/05	6206	S6206A	30	P	PEICP1
7782-49-2	Selenium	3.0	ND	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-22-4	Silver	4.2	ND	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/08/05	6206	S6206A	30	P	PEICP1
7440-66-6	Zinc	17	270	100	08/08/05	6206	S6206A	30	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001464

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-007
Client Id: PCSB-28(0.5')
Matrix: SOIL
Level: LOW

% Solid: 84
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	9.6	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-38-2	Arsenic	2.4	99	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-39-3	Barium	12	640	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-41-7	Beryllium	0.71	1.1	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-43-9	Cadmium	0.71	ND	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-47-3	Chromium	6.0	15	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-50-8	Copper	6.0	260	100	08/08/05	6206	S6206A	31	P	PEICP1
7439-92-1	Lead	6.0	3200	100	08/08/05	6206	S6206A	31	P	PEICP1
7439-97-6	Mercury	0.099	1.8	167	08/08/05	6206	H6206S	25	CV	HGCV1
7440-02-0	Nickel	6.0	22	100	08/08/05	6206	S6206A	31	P	PEICP1
7782-49-2	Selenium	2.1	4.3	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-22-4	Silver	3.0	ND	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	31	P	PEICP1
7440-66-6	Zinc	12	340	100	08/08/05	6206	S6206A	31	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001405

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-008
Client Id: PCSB-28(2.0')
Matrix: SOIL
Level: LOW

% Solid: 93
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.2	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-38-2	Arsenic	2.2	5.2	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-39-3	Barium	11	19	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-47-3	Chromium	5.4	7.7	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-50-8	Copper	5.4	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7439-92-1	Lead	5.4	12	100	08/08/05	6206	S6206A	13	P	PEICP1
7439-97-6	Mercury	0.090	ND	167	08/08/05	6206	H6206S	13	CV	HGCV1
7440-02-0	Nickel	5.4	5.8	100	08/08/05	6206	S6206A	13	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/08/05	6206	S6206A	13	P	PEICP1
7440-66-6	Zinc	11	20	100	08/08/05	6206	S6206A	13	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-009
 Client Id: PCSB-28(15')
 Matrix: SOIL
 Level: LOW

% Solid: 53
 Units: MG/KG
 Date Rec: 7/27/2005

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.8	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-38-2	Arsenic	3.8	4.9	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-39-3	Barium	19	150	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-41-7	Beryllium	1.1	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-43-9	Cadmium	1.1	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-47-3	Chromium	9.4	43	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-50-8	Copper	9.4	15	100	08/08/05	6206	S6206A	32	P	PEICP1
7439-92-1	Lead	9.4	15	100	08/08/05	6206	S6206A	32	P	PEICP1
7439-97-6	Mercury	0.16	ND	167	08/08/05	6206	H6206S	26	CV	HGCV1
7440-02-0	Nickel	9.4	28	100	08/08/05	6206	S6206A	32	P	PEICP1
7782-49-2	Selenium	3.4	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-22-4	Silver	4.7	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-28-0	Thallium	2.3	ND	100	08/08/05	6206	S6206A	32	P	PEICP1
7440-66-6	Zinc	19	66	100	08/08/05	6206	S6206A	32	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001407

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-010
Client Id: PCSB-29(0.5')
Matrix: SOIL
Level: LOW

% Solid: 90
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.2	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-38-2	Arsenic	2.2	2.4	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-39-3	Barium	11	20	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-43-9	Cadmium	0.67	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-47-3	Chromium	5.6	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-50-8	Copper	5.6	22	100	08/08/05	6206	S6206A	33	P	PEICP1
7439-92-1	Lead	5.6	29	100	08/08/05	6206	S6206A	33	P	PEICP1
7439-97-6	Mercury	0.093	ND	167	08/08/05	6206	H6206S	27	CV	HGCV1
7440-02-0	Nickel	5.6	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/08/05	6206	S6206A	33	P	PEICP1
7440-66-6	Zinc	11	19	100	08/08/05	6206	S6206A	33	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001408

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-011
Client Id: PCSB-29(2.0')
Matrix: SOIL
Level: LOW

% Solid: 93
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.2	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-38-2	Arsenic	2.2	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-39-3	Barium	11	16	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-47-3	Chromium	5.4	15	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-50-8	Copper	5.4	7.9	100	08/08/05	6206	S6206A	34	P	PEICP1
7439-92-1	Lead	5.4	22	100	08/08/05	6206	S6206A	34	P	PEICP1
7439-97-6	Mercury	0.090	ND	167	08/08/05	6206	H6206S	28	CV	HGCV1
7440-02-0	Nickel	5.4	7.9	100	08/08/05	6206	S6206A	34	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/08/05	6206	S6206A	34	P	PEICP1
7440-66-6	Zinc	11	19	100	08/08/05	6206	S6206A	34	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-012
Client Id: PCSB-29(11.5')
Matrix: SOIL
Level: LOW

% Solid: 68
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.9	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-38-2	Arsenic	2.9	4.9	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-39-3	Barium	15	100	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-41-7	Beryllium	0.88	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-43-9	Cadmium	0.88	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-47-3	Chromium	7.4	34	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-50-8	Copper	7.4	14	100	08/08/05	6206	S6206A	35	P	PEICP1
7439-92-1	Lead	7.4	25	100	08/08/05	6206	S6206A	35	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/08/05	6206	H6206S	29	CV	HGCV1
7440-02-0	Nickel	7.4	19	100	08/08/05	6206	S6206A	35	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-22-4	Silver	3.7	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/08/05	6206	S6206A	35	P	PEICP1
7440-66-6	Zinc	15	59	100	08/08/05	6206	S6206A	35	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001470

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-013
Client Id: PCSB-30(0.5')
Matrix: SOIL
Level: LOW

% Solid: 89
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.2	ND	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-38-2	Arsenic	2.2	4.3	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-39-3	Barium	11	28	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-41-7	Beryllium	0.67	0.80	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-43-9	Cadmium	0.67	ND	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-47-3	Chromium	5.6	11	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-50-8	Copper	5.6	20	100	08/08/05	6206	S6206A	38	P	PEICP1
7439-92-1	Lead	5.6	21	100	08/08/05	6206	S6206A	38	P	PEICP1
7439-97-6	Mercury	0.094	ND	167	08/08/05	6206	H6206S	30	CV	HGCV1
7440-02-0	Nickel	5.6	11	100	08/08/05	6206	S6206A	38	P	PEICP1
7782-49-2	Selenium	2.0	2.1	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/08/05	6206	S6206A	38	P	PEICP1
7440-66-6	Zinc	11	24	100	08/08/05	6206	S6206A	38	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001471

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-014
Client Id: PCSB-30(2.0')
Matrix: SOIL
Level: LOW

% Solid: 66
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	11	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-38-2	Arsenic	3.0	140	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-39-3	Barium	15	450	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-41-7	Beryllium	0.91	1.4	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-43-9	Cadmium	0.91	15	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-47-3	Chromium	7.6	28	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-50-8	Copper	7.6	440	100	08/08/05	6206	S6206A	39	P	PEICP1
7439-92-1	Lead	7.6	2100	100	08/08/05	6206	S6206A	39	P	PEICP1
7439-97-6	Mercury	0.13	0.53	167	08/08/05	6206	H6206S	31	CV	HGCV1
7440-02-0	Nickel	7.6	48	100	08/08/05	6206	S6206A	39	P	PEICP1
7782-49-2	Selenium	2.7	29	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-22-4	Silver	3.8	6.0	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/08/05	6206	S6206A	39	P	PEICP1
7440-66-6	Zinc	15	3900	100	08/08/05	6206	S6206A	39	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

601472

Form1 Inorganic Analysis Data Sheet

Sample ID: AC18778-015	% Solid: 52	Lab Name: Veritech	Nras No:
Client Id: PCSB-30(15.0')	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 7/27/2005	Contract:	Case No:
Level: LOW			

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.8	ND	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-38-2	Arsenic	3.8	6.0	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-39-3	Barium	19	150	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-41-7	Beryllium	1.2	1.2	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-43-9	Cadmium	1.2	ND	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-47-3	Chromium	9.6	45	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-50-8	Copper	9.6	17	100	08/08/05	6206	S6206A	40	P	PEICP1
7439-92-1	Lead	9.6	14	100	08/08/05	6206	S6206A	40	P	PEICP1
7439-97-6	Mercury	0.16	ND	167	08/08/05	6206	H6206S	34	CV	HGCV1
7440-02-0	Nickel	9.6	31	100	08/08/05	6206	S6206A	40	P	PEICP1
7782-49-2	Selenium	3.5	ND	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-22-4	Silver	4.8	ND	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-28-0	Thallium	2.3	ND	100	08/08/05	6206	S6206A	40	P	PEICP1
7440-66-6	Zinc	19	89	100	08/08/05	6206	S6206A	40	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001473

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-016
Client Id: PCSB-34(0.5')
Matrix: SOIL
Level: LOW

% Solid: 83
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	3.4	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-38-2	Arsenic	2.4	7.0	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-39-3	Barium	12	80	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-41-7	Beryllium	0.72	6.3	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-43-9	Cadmium	0.72	ND	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-47-3	Chromium	6.0	50	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-50-8	Copper	6.0	690	100	08/08/05	6206	S6206A	41	P	PEICP1
7439-92-1	Lead	6.0	1200	100	08/08/05	6206	S6206A	41	P	PEICP1
7439-97-6	Mercury	0.10	ND	167	08/08/05	6206	H6206S	35	CV	HGCV1
7440-02-0	Nickel	6.0	39	100	08/08/05	6206	S6206A	41	P	PEICP1
7782-49-2	Selenium	2.2	2.9	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-22-4	Silver	3.0	ND	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	41	P	PEICP1
7440-66-6	Zinc	12	1200	100	08/08/05	6206	S6206A	41	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001474

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-017
Client Id: PCSB-34(5.0')
Matrix: SOIL
Level: LOW

% Solid: 68
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.9	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-38-2	Arsenic	2.9	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-39-3	Barium	15	45	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-41-7	Beryllium	0.88	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-43-9	Cadmium	0.88	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-47-3	Chromium	7.4	19	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-50-8	Copper	7.4	9.1	100	08/08/05	6206	S6206A	42	P	PEICP1
7439-92-1	Lead	7.4	7.4	100	08/08/05	6206	S6206A	42	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/08/05	6206	H6206S	36	CV	HGCV1
7440-02-0	Nickel	7.4	15	100	08/08/05	6206	S6206A	42	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-22-4	Silver	3.7	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/08/05	6206	S6206A	42	P	PEICP1
7440-66-6	Zinc	15	36	100	08/08/05	6206	S6206A	42	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001475

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-018
Client Id: PCSB-34(16.5')
Matrix: SOIL
Level: LOW

% Solid: 63
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.2	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-38-2	Arsenic	3.2	4.7	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-39-3	Barium	16	110	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-41-7	Beryllium	0.95	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-43-9	Cadmium	0.95	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-47-3	Chromium	7.9	36	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-50-8	Copper	7.9	13	100	08/08/05	6206	S6206A	43	P	PEICP1
7439-92-1	Lead	7.9	29	100	08/08/05	6206	S6206A	43	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/08/05	6206	H6206S	37	CV	HGCV1
7440-02-0	Nickel	7.9	25	100	08/08/05	6206	S6206A	43	P	PEICP1
7782-49-2	Selenium	2.9	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-22-4	Silver	4.0	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-28-0	Thallium	1.9	ND	100	08/08/05	6206	S6206A	43	P	PEICP1
7440-66-6	Zinc	16	67	100	08/08/05	6206	S6206A	43	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001476

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-019
Client Id: PCSB-36(0.5')
Matrix: SOIL
Level: LOW

% Solid: 86
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	17	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-38-2	Arsenic	2.3	20	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-39-3	Barium	12	780	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-41-7	Beryllium	0.70	1.1	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-43-9	Cadmium	0.70	3.7	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-47-3	Chromium	5.8	16	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-50-8	Copper	5.8	840	100	08/08/05	6206	S6206A	44	P	PEICP1
7439-92-1	Lead	58	14000	1000	08/09/05	6206	S6225C	14	P	PEICP1
7439-97-6	Mercury	0.097	1.2	167	08/08/05	6206	H6206S	38	CV	HGCV1
7440-02-0	Nickel	5.8	26	100	08/08/05	6206	S6206A	44	P	PEICP1
7782-49-2	Selenium	2.1	3.6	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	44	P	PEICP1
7440-66-6	Zinc	120	6300	1000	08/09/05	6206	S6225C	14	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001477

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-020
 Client Id: PCSB-36(4.0')
 Matrix: SOIL
 Level: LOW

% Solid: 83
 Units: MG/KG
 Date Rec: 7/27/2005

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	5.6	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-38-2	Arsenic	2.4	5.6	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-39-3	Barium	12	120	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-41-7	Beryllium	0.72	ND	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-43-9	Cadmium	0.72	1.4	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-47-3	Chromium	6.0	23	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-50-8	Copper	6.0	280	100	08/08/05	6206	S6206A	45	P	PEICP1
7439-92-1	Lead	6.0	2600	100	08/08/05	6206	S6206A	45	P	PEICP1
7439-97-6	Mercury	0.10	ND	167	08/08/05	6206	H6206S	39	CV	HGCV1
7440-02-0	Nickel	6.0	12	100	08/08/05	6206	S6206A	45	P	PEICP1
7782-49-2	Selenium	2.2	ND	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-22-4	Silver	3.0	ND	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/08/05	6206	S6206A	45	P	PEICP1
7440-66-6	Zinc	12	1700	100	08/08/05	6206	S6206A	45	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001478

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18778-021
Client Id: PCSB-36(16')
Matrix: SOIL
Level: LOW

% Solid: 69
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.9	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-38-2	Arsenic	2.9	3.1	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-39-3	Barium	14	74	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-41-7	Beryllium	0.87	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-43-9	Cadmium	0.87	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-47-3	Chromium	7.2	23	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-50-8	Copper	7.2	11	100	07/29/05	6207	S6207B	20	P	PEICP1
7439-92-1	Lead	7.2	53	100	07/29/05	6207	S6207B	20	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	07/29/05	6207	H6207S	18	CV	HGCV1
7440-02-0	Nickel	7.2	17	100	07/29/05	6207	S6207B	20	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-22-4	Silver	3.6	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	07/29/05	6207	S6207B	20	P	PEICP1
7440-66-6	Zinc	14	84	100	07/29/05	6207	S6207B	20	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001479

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-022	% Solid: 82	Lab Name: Veritech	Nras No:
Client Id: PCSB-38(0.5')	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 7/27/2005	Contract:	Case No:
Level: LOW			

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	ND	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-38-2	Arsenic	2.4	41	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-39-3	Barium	12	75	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-41-7	Beryllium	0.73	ND	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-43-9	Cadmium	0.73	ND	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-47-3	Chromium	6.1	9.5	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-50-8	Copper	6.1	66	100	07/29/05	6207	S6207B	21	P	PEICP1
7439-92-1	Lead	6.1	230	100	07/29/05	6207	S6207B	21	P	PEICP1
7439-97-6	Mercury	0.10	0.13	167	07/29/05	6207	H6207S	19	CV	HGCV1
7440-02-0	Nickel	6.1	18	100	07/29/05	6207	S6207B	21	P	PEICP1
7782-49-2	Selenium	2.2	2.7	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-22-4	Silver	3.0	ND	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-28-0	Thallium	1.5	ND	100	07/29/05	6207	S6207B	21	P	PEICP1
7440-66-6	Zinc	12	100	100	07/29/05	6207	S6207B	21	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001430

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-023
Client Id: PCSB-38(3.5')
Matrix: SOIL
Level: LOW

% Solid: 88
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-38-2	Arsenic	2.3	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-39-3	Barium	11	13	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-47-3	Chromium	5.7	11	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-50-8	Copper	5.7	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7439-92-1	Lead	5.7	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7439-97-6	Mercury	0.095	ND	167	07/29/05	6207	H6207S	22	CV	HGCV1
7440-02-0	Nickel	5.7	7.2	100	07/29/05	6207	S6207B	22	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-22-4	Silver	2.8	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	07/29/05	6207	S6207B	22	P	PEICP1
7440-66-6	Zinc	11	18	100	07/29/05	6207	S6207B	22	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

001481

Form1
Inorganic Analysis Data Sheet

Sample ID: AC18778-024
Client Id: PCSB-38(9.5')
Matrix: SOIL
Level: LOW

% Solid: 57
Units: MG/KG
Date Rec: 7/27/2005

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.5	ND	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-38-2	Arsenic	3.5	12	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-39-3	Barium	18	170	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-41-7	Beryllium	1.1	ND	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-43-9	Cadmium	1.1	ND	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-47-3	Chromium	8.8	90	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-50-8	Copper	8.8	34	100	07/29/05	6207	S6207B	23	P	PEICP1
7439-92-1	Lead	8.8	100	100	07/29/05	6207	S6207B	23	P	PEICP1
7439-97-6	Mercury	0.15	0.44	167	07/29/05	6207	H6207S	23	CV	HGCV1
7440-02-0	Nickel	8.8	25	100	07/29/05	6207	S6207B	23	P	PEICP1
7782-49-2	Selenium	3.2	3.9	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-22-4	Silver	4.4	ND	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-28-0	Thallium	2.1	ND	100	07/29/05	6207	S6207B	23	P	PEICP1
7440-66-6	Zinc	18	98	100	07/29/05	6207	S6207B	23	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Metal Data
QC Data

001483

FORM 2 (ICV/CCV Summary)

Date Analyzed: 07/29/05
 Data File: S6207A
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt	ICV V-	CCV V-	CCV V-	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
		4847 (2)- 6	4510-18	4510-24												
Antimony	.5	1.02044	102	0.50718	101	0.50728	101									
Arsenic	.5	1.03884	104	0.51721	103	0.51838	104									
Barium	.5	1.04791	105	0.52726	105	0.52580	105									
Beryllium	.5	1.00312	100	0.50157	100	0.50070	100									
Cadmium	.5	1.00378	100	0.50388	101	0.50236	100									
Chromium	.5	1.03199	103	0.51673	103	0.51542	103									
Copper	.5	1.03431	103	0.50896	102	0.50826	102									
Lead	.5	1.02618	103	0.50588	101	0.50536	101									
Nickel	.5	1.02498	102	0.50852	102	0.50838	102									
Selenium	.5	1.00280	100	0.49964	100	0.50127	100									
Silver	.5	1.00498	100	0.48033	96	0.47904	96									
Thallium	.5	1.02347	102	0.50100	100	0.49999	100									
Zinc	.5	1.00987	101	0.51513	103	0.51291	103									

Notes: a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105
 CCV - EPA600/SW846 : 90-110 (Except Hg SW846=80-120)
 ICV - SW846 : 90-110
 CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (ICV/CCV Summary)

001434

Date Analyzed: 07/29/05
 Data File: S6207B
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt ⁶	ICV V-	CCV V-	CCV V-	CCV V-	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
		4847 (2)-	4510-18	4510-25	4510-33											
Antimony	.5	0.99829	100	0.50518	101	0.50148	100	0.50154	100							
Arsenic	.5	1.00880	101	0.51651	103	0.51141	102	0.51328	103							
Barium	.5	1.01932	102	0.52572	105	0.52226	104	0.51883	104							
Beryllium	.5	1.00881	101	0.50535	101	0.49985	100	0.49824	100							
Cadmium	.5	1.00439	100	0.50655	101	0.50043	100	0.49601	99							
Chromium	.5	1.00332	100	0.51712	103	0.51104	102	0.50616	101							
Copper	.5	1.01306	101	0.50822	102	0.50524	101	0.50990	102							
Lead	.5	1.00714	101	0.50904	102	0.50301	101	0.49697	99							
Nickel	.5	0.99601	100	0.50748	101	0.50263	101	0.49868	100							
Selenium	.5	0.99285	99	0.50174	100	0.49715	99	0.49481	99							
Silver	.5	1.00655	101	0.48452	97	0.48081	96	0.48046	96							
Thallium	.5	1.00991	101	0.50267	101	0.49137	98	0.48848	98							
Zinc	.5	0.99947	100	0.51728	103	0.51014	102	0.50369	101							

Notes:
 a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105
 CCV - EPA600/SW846 : 90-110 (Except Hg SW846=80-120)
 ICV - SW846 : 90-110
 CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (ICV/CCV Summary)

Date Analyzed: 08/08/05
Data File: S6206A
Prep Batch: 6206
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072711

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt ^a	ICV V- 4847 (2)-		CCV V- 4510-18		CCV V- 4510-25		CCV V- 4510-38		CCV V- 4510-48		Rec	Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec							
Antimony	.5	0.99721	100	0.50278	101	0.50136	100	0.49989	100	0.49834	99					
Arsenic	.5	0.99152	99	0.51193	102	0.50718	101	0.50521	101	0.50517	101					
Barium	.5	0.98917	99	0.52290	105	0.52283	105	0.51383	103	0.51828	104					
Beryllium	.5	1.00294	100	0.50164	100	0.50096	100	0.50431	101	0.50246	100					
Cadmium	.5	1.00174	100	0.50737	101	0.50950	102	0.51097	102	0.50902	102					
Chromium	.5	0.99733	100	0.51577	103	0.51553	103	0.51297	103	0.51254	103					
Copper	.5	1.00842	101	0.49550	99	0.49232	98	0.48955	98	0.49374	99					
Lead	.5	1.00222	100	0.50648	101	0.50531	101	0.50971	102	0.51121	102					
Nickel	.5	0.99671	100	0.50899	102	0.50430	101	0.50456	101	0.50284	101					
Selenium	.5	1.00382	100	0.49933	100	0.49869	100	0.50041	100	0.49700	99					
Silver	.5	1.01752	102	0.48446	97	0.48247	96	0.48612	97	0.48358	97					
Thallium	.5	1.00183	100	0.49938	100	0.49673	99	0.50028	100	0.49780	100					
Zinc	.5	0.99721	100	0.52058	104	0.52541	105	0.52555	105	0.54108	108					

Notes: a-indicates analyte failed the ICV limits for EPA SW846
b-indicates analyte failed the ICV limits for EPA 600
c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
d-indicates analyte failed the CCV limits for SW846 (HG SW846)
ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105
CCV - EPA600/SW846 : 90-110 (Except Hg SW846=80-120)
ICV - SW846 : 90-110
CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

**FORM 2
(ICV/CCV Summary)**

001486

Date Analyzed: 08/09/05
 Data File: S6225C
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt	ICV V- 4847 (2)-		CCV V- 4510-17		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
			Rec		Rec										
Lead	.5	0.99822	100	0.50378	101										
Zinc	.5	0.99318	99	0.52274	105										

Notes: a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105
 CCV- EPA600/SW846 : 90-110 (Except Hg SW846=80-120)
 ICV - SW846 : 90-110
 CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/29/05
 Data File: H6207S
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt ^b	ICV		CCV-20		CCV-32		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
		1183 (2)-	Rec	Rec	Rec	Rec	Rec									Rec
Mercury	10	20.2505	101	10.7165	107	11.8873	119 c									

Notes: a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- EPA600/SW846 : 90-110 (Except Hg SW846=80-120) CLP Hg ICV/CCV: 80-120
 ICV - SW846 : 90-110

001438

FORM 2
(ICV/CCV Summary)

Date Analyzed: 08/08/05
 Data File: H6206S
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	Spk Amt	ICV 1183 (2)- 8		CCV-20		CCV-32		CCV-40		Rec	Rec	Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec						
Mercury	10	20.3316	102	10.4699	105	10.3243	103	10.3756	104						

Notes: a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105
 CCV- EPA600/SW846 : 90-110 (Except Hg SW846=80-120)
 ICV - SW846 : 90-110
 CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

001489

FORM 2 (ICV/CCV Summary)

Date Analyzed: 08/08/05
 Data File: H6206SB
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV		CCV-11														
	Spk Amt	1183 (2)- 8	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
Mercury	10	19.6178	98	10.2437	102												

Notes: a-indicates analyte failed the ICV limits for EPA SW846
 b-indicates analyte failed the ICV limits for EPA 600
 c-indicates analyte failed the CCV limits for EPA600/SW846 (Except HG SW846)
 d-indicates analyte failed the CCV limits for SW846 (HG SW846)
 ICV- Concentration is 2x the CCV concentration except CLP (1.5x).

Qc Limits: ICV - EPA600 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- EPA600/SW846 : 90-110 (Except Hg SW846=80-120) CLP Hg ICV/CCV: 80-120
 ICV - SW846 : 90-110

001430

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/29/05
 Data File: S6207A
 Prep Batch: 6207
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-5157-7	CCB-19	CCB-25	MB 6207 (100)- 10				
Antimony	.02 U	.02 U	.02 U	2 U				
Arsenic	.02 U	.02 U	.02 U	2 U				
Barium	.1 U	.1 U	.1 U	10 U				
Beryllium	.006 U	.006 U	.006 U	.6 U				
Cadmium	.006 U	.006 U	.006 U	.6 U				
Chromium	.05 U	.05 U	.05 U	5 U				
Copper	.05 U	.05 U	.05 U	5 U				
Lead	.05 U	.05 U	.05 U	5 U				
Nickel	.05 U	.05 U	.05 U	5 U				
Selenium	.018 U	.018 U	.018 U	1.8 U				
Silver	.025 U	.025 U	.025 U	2.5 U				
Thallium	.012 U	.012 U	.012 U	1.2 U				
Zinc	.1 U	.1 U	.1 U	10 U				

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

001491

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/29/05
 Data File: S6207B
 Prep Batch: 6207
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-5157-7	CCB-19	CCB-28	CCB-34	MB FB (1)-14			
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U			
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U			
Barium	.1 U	.1 U	.1 U	.1 U	.1 U			
Beryllium	.008 U	.008 U	.008 U	.008 U	.008 U			
Cadmium	.008 U	.008 U	.008 U	.008 U	.008 U			
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U			
Copper	.05 U	.05 U	.05 U	.05 U	.05 U			
Lead	.05 U	.05 U	.05 U	.05 U	.05 U			
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U			
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U			
Silver	.025 U	.025 U	.025 U	.025 U	.025 U			
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U			
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

001492

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 08/08/05
 Data File: S6206A
 Prep Batch: 6206
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-5157-7	CCB-19	CCB-26	CCB-37	CCB-49	MB 6206 (100)- 10
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	2 U
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U	2 U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	10 U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	5 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	5 U
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	5 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	5 U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	1.8 U
Silver	.025 U	.025 U	.025 U	.025 U	.025 U	2.5 U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	1.2 U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	10 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

001493

Date Analyzed: 08/09/05
 Data File: S6225C
 Prep Batch: 6206
 Reporting Limits Used: SOIL,SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-5157-7	CCB-18					
Lead	.05 U	.05 U					
Zinc	.1 U	.1 U					

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

FORM 3 (ICB/CCB/MB Summary)

001494

Date Analyzed: 07/29/05
 Data File: H6207S
 Prep Batch: 6207
 Reporting Limits Used: SOIL, SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB-9	CCB-21	CCB-33	MB 6207 (187)- 10			
Mercury	.5 U	.5 U	.5 U	84 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

001495

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/08/05
Data File: H6206S
Prep Batch: 6206
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072711

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-9	CCB-21	CCB-33	CCB-41	MB 6206 (167)- 10			
Mercury	.5 U	.5 U	.5 U	.5 U	84 U			

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

001496

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/08/05
Data File: H6206SB
Prep Batch: 6206
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072711

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-9	CCB-12						
Mercury	.5 U	.5 U						

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

001497

FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 07/29/05
 Data File: S6207A
 Prep Batch: 6207
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-4505-8		ICSAB V-4506-9		ICSA V-4505-22		ICSAB V-4506-23		Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec						
Aluminum	500	459.9545	92	461.70390	92	459.8866	92	462.36610	92				
Antimony	1	U		0.97621	98	U		0.97697	98				
Arsenic	1	U		1.00501	101	U		1.01239	101				
Barium	.5	U		0.47903	96	U		0.47957	96				
Beryllium	.5	U		0.48062	96	U		0.47865	96				
Cadmium	1	U		0.91739	92	U		0.91197	91				
Calcium	500	445.6666	89	447.93830	90	443.3121	89	444.58360	89				
Chromium	.5	U		0.47197	94	U		0.47106	94				
Copper	.5	U		0.51057	102	U		0.51313	103				
Iron	200	177.2974	89	176.73700	88	177.3737	89	175.77880	88				
Lead	1	U		0.94965	95	U		0.95218	95				
Magnesium	500	491.2626	98	493.37910	99	489.7924	98	491.44910	98				
Nickel	1	U		0.92973	93	U		0.93028	93				
Selenium	1	U		0.94579	95	U		0.94790	95				
Silver	1	U		1.00773	101	U		1.00444	100				
Thallium	1	U		0.94583	95	U		0.94303	94				
Zinc	1	U		0.88855	89	U		0.88515	89				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

001498

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 07/29/05
 Data File: S6207B
 Prep Batch: 6207
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-4505-8		ICSA V-4505-9		ICSA V-4505-16		ICSA V-4505-17		ICSA V-4505-31		ICSA V-4505-32		Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec				
Aluminum	500	483.8081	93	460.79820	92	465.4668	93	460.94540	92	459.5562	92	458.82310	92		
Antimony	1	U		0.97866	98	U		0.98143	98	U		0.97528	98		
Arsenic	1	U		1.00172	100	U		0.99967	100	U		1.00218	100		
Barium	.5	U		0.47588	95	U		0.47769	96	U		0.47396	95		
Beryllium	.5	U		0.48229	96	U		0.48277	97	U		0.47582	95		
Cadmium	1	U		0.92283	92	U		0.92416	92	U		0.90584	91		
Calcium	500	455.2819	91	451.83680	90	453.8381	91	448.69710	90	441.6818	88	439.19570	88		
Chromium	.5	U		0.46865	94	U		0.47049	94	U		0.46616	93		
Copper	.5	U		0.50870	102	U		0.51302	103	U		0.51548	103		
Iron	200	178.1048	89	177.69920	89	179.4434	90	178.12210	89	176.6015	88	174.98450	87		
Lead	1	U		0.94706	95	U		0.95472	95	U		0.94194	94		
Magnesium	500	498.8983	100	495.39010	99	498.945	100	493.45430	99	487.7511	98	484.96650	97		
Nickel	1	U		0.92614	93	U		0.93059	93	U		0.92065	92		
Selenium	1	U		0.94800	95	U		0.94086	94	U		0.93711	94		
Silver	1	U		1.01146	101	U		1.01694	102	U		1.00884	101		
Thallium	1	U		0.96628	97	U		0.95944	96	U		0.94098	94		
Zinc	1	U		0.89141	89	U		0.89085	89	U		0.86990	87		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits in the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 08/08/05
 Data File: S6206A
 Prep Batch: 6206
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-4505-8		ICSAB V-4506-9		ICSA V-4505-23		ICSAB V-4506-24		ICSA V-4505-46		ICSAB V-4506-47		Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec				
Aluminum	500	448.7707	90	452.25310	90	448.8326	90	454.81510	91	446.2617	89	449.19000	90		
Antimony	1	U		0.97172	97	U		0.97470	97	U		0.97509	98		
Arsenic	1	U		0.99654	100	U		1.00907	101	U		1.01043	101		
Barium	.5	U		0.47385	95	U		0.47792	96	U		0.47429	95		
Beryllium	.5	U		0.48261	97	U		0.48364	97	U		0.48605	97		
Cadmium	1	U		0.92149	92	U		0.92929	93	U		0.93492	93		
Calcium	500	440.722	88	443.32140	89	441.4988	88	445.43920	89	443.8986	89	447.01970	89		
Chromium	.5	U		0.47026	94	U		0.47606	95	U		0.47457	95		
Copper	.5	U		0.51015	102	U		0.50918	102	U		0.50794	102		
Iron	200	174.9768	87	175.84500	88	175.6294	88	177.02270	89	175.2697	88	177.40050	89		
Lead	1	U		0.95030	95	U		0.95944	96	U		0.96536	97		
Magnesium	500	498.9782	100	502.55420	101	499.1927	100	504.62990	101	500.6424	100	504.03600	101		
Nickel	1	U		0.93062	93	U		0.94363	94	U		0.93933	94		
Selenium	1	U		0.94317	94	U		0.93987	94	U		0.93378	93		
Silver	1	U		1.02232	102	U		1.02155	102	U		1.02274	102		
Thallium	1	U		0.95820	96	U		0.95305	95	U		0.95223	95		
Zinc	1	U		0.87580	88	U		0.88935	89	U		0.91123	91		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

001500

FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 08/09/05
 Data File: S6225C
 Prep Batch: 6206
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-4505-8		ICSAB V-4506-9		ICSA V-4505-15		ICSAB V-4508-18		Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec						
Aluminum	500	452.838	91	458.91560	91	449.6662	90	455.54840	91				
Calcium	500	441.4903	88	446.19360	89	442.9838	89	450.25350	90				
Iron	200	173.569	87	175.66030	88	174.2191	87	176.94540	88				
Lead	1	U		0.94057	94	U		0.94750	95				
Magnesi	500	497.9059	100	503.85830	101	497.6262	100	505.99840	101				
Zinc	1	U		0.87167	87	U		0.88360	88				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

001501

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 07/29/05
 Data File: S6207A
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711
 MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 Matrix: SOIL
 Level: Low

Analyte	Spike Amts		LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18802- 005-13	AC18802- 005-15-1X	%REC OR Conc	AC18802- 005-16-1X	%REC OR Conc	LCS 100- 11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	%REC OR Conc
	MS-Tdp MS-Aq MS-soil	LCS Soil Aq											
Antimony	.5000	.500	.3726 - .6274	0.02484601	0.2758681	50 a	0.2938802	54 a	0.4319699	.432	0.4214792	.421	
Arsenic	.5000	.500	.3726 - .6274	0.07492905	0.4948213	84	0.4842998	82	0.4466060	.447	0.4336665	.434	
Barium	.5000	.500	.3726 - .6274	1.40606935	1.6961381	58 a	1.5667717	32 a	0.4601279	.46	0.4467021	.447	
Beryllium	.5000	.500	.3726 - .6274	0.006 U	0.4200390	84	0.4194895	84	0.4330466	.433	0.4243695	.424	
Cadmium	.5000	.500	.3726 - .6274	0.00692317	0.4351438	86	0.4255162	84	0.4419199	.442	0.4302899	.43	
Chromium	.5000	.500	.3726 - .6274	0.36479944	0.8265982	92	0.7340178	74 a	0.4599941	.46	0.4472238	.447	
Copper	.5000	.500	.3726 - .6274	0.78985921	1.1476794	72 a	1.1604126	74 a	0.4597930	.46	0.4500407	.45	
Lead	.5000	.500	.3726 - .6274	2.33709403	2.5382268	40 b	2.5949644	52 b	0.4478779	.448	0.4348234	.435	
Nickel	.5000	.500	.3726 - .6274	0.81894096	1.2438877	85	1.1193503	60 a	0.4594917	.459	0.4492816	.449	
Selenium	.5000	.500	.3726 - .6274	0.02890862	0.4306238	80	0.4254766	79	0.4185569	.419	0.4125685	.413	
Silver	.5000	.500	.3726 - .6274	0.025 U	0.4091811	82	0.4096255	82	0.4138883	.414	0.4063913	.406	
Thallium	.5000	.500	.3726 - .6274	0.012 U	0.4263552	85	0.4261701	85	0.4360139	.436	0.4214411	.421	
Zinc	.5000	.500	.3726 - .6274	1.64818599	1.7570727	22 a	1.8587273	42 a	0.4648844	.465	0.4529192	.453	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) except Mercury(CV)

001502

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 07/29/05
 Data File: S6207B
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711
 MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 Matrix: SOIL
 Level: Low

Analyte	Spike Amts		LCS Soil/Aqueous Rec Limits	Non Spike Conc	LCSW-15- 1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
	MS-Tclp MS-Aq MS-soil	LCS Soil Aq								
Antimony		0.500	75 - 125		0.4863675	97				
Arsenic		0.500	75 - 125		0.4983448	100				
Barium		0.500	75 - 125		0.5185532	104				
Beryllium		0.500	75 - 125		0.4911857	98				
Cadmium		0.500	75 - 125		0.5008188	100				
Chromium		0.500	75 - 125		0.5131237	103				
Copper		0.500	75 - 125		0.4984558	100				
Lead		0.500	75 - 125		0.5012916	100				
Nickel		0.500	75 - 125		0.5033123	101				
Selenium		0.500	75 - 125		0.4681612	94				
Silver		0.500	75 - 125		0.4771887	95				
Thallium		0.500	75 - 125		0.4912802	98				
Zinc		0.500	75 - 125		0.5151792	103				

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) except Mercury(CV)

001503

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 08/08/05
 Data File: S6206A
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711
 MATRIX SPIKE SOURCE: VH G LABS

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 Matrix: SOIL
 Level: Low

Analyte	Spike Amts		LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18778- 008-13		AC18778- 008-15-1X	%REC OR Conc	AC18778- 008-16-1X	%REC OR Conc	LCS 100- 11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	%REC OR Conc
	MS-Tclp MS-Aq MS-soil	LCS Soil Aq												
Antimony	.5000	.500	.3726 - .6274	0.02	U	0.3892720	78	0.3820775	76	0.4922432	.492	0.5030123	.503	
Arsenic	.5000	.500	.3726 - .6274	0.04856345		0.5212707	95	0.5292502	96	0.4969299	.497	0.5040686	.504	
Barium	.5000	.500	.3726 - .6274	0.17969786		0.6807401	100	0.6898286	102	0.5132740	.513	0.5216053	.522	
Beryllium	.5000	.500	.3726 - .6274	0.006	U	0.4563381	91	0.4577753	92	0.4926863	.493	0.4997369	.5	
Cadmium	.5000	.500	.3726 - .6274	0.006	U	0.4668623	93	0.4682497	94	0.5017767	.502	0.5097144	.51	
Chromium	.5000	.500	.3726 - .6274	0.07165445		0.5572455	97	0.5647424	99	0.5041850	.504	0.5201426	.52	
Copper	.5000	.500	.3726 - .6274	0.05	U	0.5139318	103	0.5158069	103	0.5015316	.502	0.5112196	.511	
Lead	.5000	.500	.3726 - .6274	0.11462541		0.5920713	95	0.6016369	97	0.4989070	.499	0.5082389	.508	
Nickel	.5000	.500	.3726 - .6274	0.05361234		0.5346080	96	0.5367122	97	0.5020178	.502	0.5133850	.513	
Selenium	.5000	.500	.3726 - .6274	0.018	U	0.4446474	89	0.4494181	90	0.4797192	.48	0.4851066	.485	
Silver	.5000	.500	.3726 - .6274	0.025	U	0.4627902	93	0.4638590	93	0.4964157	.496	0.5040220	.504	
Thallium	.5000	.500	.3726 - .6274	0.012	U	0.4495703	90	0.4538090	91	0.4889297	.489	0.4963777	.496	
Zinc	.5000	.500	.3726 - .6274	0.19060407		0.7229702	106	0.7281083	108	0.5081109	.508	0.5223177	.522	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) except Mercury(CV)

001504

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 07/29/05
 Data File: H6207S
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711
 MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 Matrix: SOIL
 Level: Low

Analyte	Spike Amts		LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18802- 005-13	AC18802- 005-15-1X	%REC OR Conc	AC18802- 005-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR- 12-1X	%REC OR Conc	%REC OR Conc
	MS-Tclp MS-Aq MS-soil	LCS Soil Aq											
Mercury	10	10.00	7.50 - 12.5	3.76860378	15.417697	116	15.121408	114	10.377788	10.4	10.375719	10.4	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) except Mercury(CV)

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 08/08/05
 Data File: H6206S
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711
 MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 Matrix: SOIL
 Level: Low

Analyte	Spike Amt		LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18778- 008-13		%REC OR Conc	AC18778- 008-15-1X	%REC OR Conc	AC18778- 008-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR- 12-1X	%REC OR Conc	%REC OR Conc
	MS-Tclp MS-Aq MS-soil	LCS Soil Aq													
Mercury	10	10.00	7.50 - 12.5	0.5	U	108	10.754793	107	10.710956	107	10.318626	10.3	10.447461	10.4	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

Note: All Elements analyzed by ICP(P) except Mercury(CV)

FORM6/FORM9 RPDS

001500

Date Analyzed: 07/29/05
 Data File: S6207A
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	Qc Limits		Sample			LCS			Serial Dil		
	LCS/MR	SD	AC18802-005-13	AC18802-005-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18802-006-20	AC18802-006-21	%Diff
Antimony	<=20	<=10	0.02484601	0.02236047	11				0.00390753	0.01005 U	---
Arsenic	<=20	<=10	0.07492905	0.06901459	8.2				0.05949583	0.04342995	27 Sb
Barium	<=20	<=10	1.40606935	1.21620373	14				0.30661006	0.2901605	5.4
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00031241	0.0002395 U	---
Cadmium	<=20	<=10	0.00692317	0.006 U	---				0.000118 U	0.00059 U	---
Chromium	<=20	<=10	0.36479944	0.50785596	33 Na	0.45999412	0.44722382	2.8	0.04310874	0.0270959	37 Sa
Copper	<=20	<=10	0.78985921	0.77509554	1.9				0.09345218	0.09016355	3.5
Lead	<=20	<=10	2.33709403	2.00061861	16				0.07842684	0.07176155	8.5
Nickel	<=20	<=10	0.81894096	0.93279085	13				0.07848745	0.07972765	1.6
Selenium	<=20	<=10	0.02890862	0.03138886	8.2				0.01940054	0.01866095	3.8
Silver	<=20	<=10	0.025 U	0.025 U	---				0.000480 U	0.0024 U	---
Thallium	<=20	<=10	0.012 U	0.012 U	---				0.00258 U	0.0129 U	---
Zinc	<=20	<=10	1.64818599	1.20998876	31 Na	0.46488449	0.45291927	2.6	0.06605010	0.0481235	27 Sa

Flags:

Na: Method Rep outside of Qc Limits
 Nb: Method Rep out but concentrations < 5* Reporting Limits
 U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
 Lm: Lcs Rpd Out
 Sa: Serial Dilution outside of qc limits
 Sb: Serial dilution out but concentration < 10 * IDL
 E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

001507

Date Analyzed: 08/08/05
 Data File: S6206A
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
	LCS/MR	SD	AC18778-008-13	AC18778-008-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18778-001-20	AC18778-001-21	%Diff
Antimony	<=20	<=10	0.02 U	0.02 U	---				0.07032476	0.07200325	2.4
Arsenic	<=20	<=10	0.04856345	0.04850003	0.13				0.56206757	0.5618207	0.044
Barium	<=20	<=10	0.17969786	0.17445795	3				3.45042308	3.55562885	3
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.01238928	0.0138257	12 Sa
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.02307991	0.00059 U	---
Chromium	<=20	<=10	0.07165445	0.07412153	3.4				0.29499079	0.28591795	3.1
Copper	<=20	<=10	0.05 U	0.05 U	---				1.77138663	1.7331682	2.2
Lead	<=20	<=10	0.11462541	0.10794463	6				26.6484315	27.2060549	2.1
Nickel	<=20	<=10	0.05361234	0.05450296	1.6				0.36872903	0.3790838	2.8
Selenium	<=20	<=10	0.018 U	0.018 U	---				0.03508054	0.0850504	142 Sb
Silver	<=20	<=10	0.025 U	0.025 U	---				0.000480 U	0.0024 U	---
Thallium	<=20	<=10	0.012 U	0.012 U	---				0.00258 U	0.0129 U	---
Zinc	<=20	<=10	0.19060407	0.18768885	1.5				6.40895065	6.8503728	6.9

Flags:

Na: Method Rep outside of Qc Limits
 Nb: Method Rep out but concentrations < 5* Reporting Limits
 U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
 Lm: Lcs Rpd Out

Sa: Serial Dilution outside of qc limits
 Sb: Serial dilution out but concentration < 10 * IDL
 E: Serial Dilution outside of qc limits CLP

FORM6/FORM9 RPDS

001509

Date Analyzed: 08/09/05
 Data File: S6225C
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
	LCS/MR	SD			RPD			RPD	AC18778-001-11	AC18778-001-12	%Diff
Lead	<=20	<=10							5.48888250	5.37175515	2.1
Zinc	<=20	<=10							1.34703060	1.3537086	0.5

Flags:

Na::Method Rep outside of Qc Limits
 Nb :Method Rep out but concentrations < 5* Reporting Limits
 U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
 Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
 Sb: Serial dilution out but concentration < 10 * IDL
 E: Serial Dilution outside of qc limits CLP

001509

FORM6/FORM9
RPDS

Date Analyzed: 07/29/05
 Data File: H6207S
 Prep Batch: 6207
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
	LCS/MR	SD	AC18802-005-13	AC18802-005-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	3.76860378	4.64812032	21 Na	10.3777883	10.3757194	.02			

Flags:

Na: Method Rep outside of Qc Limits
 Nb: Method Rep out but concentrations < 5* Reporting Limits
 U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
 Lm: Lcs Rpd Out

Sa: Serial Dilution outside of qc limits
 Sb: Serial dilution out but concentration < 10 * IDL
 E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

001510

Date Analyzed: 08/08/05
 Data File: H6206S
 Prep Batch: 6206
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5072711

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	Qc Limits		Sample	Method Rep	RPD	LCS	LCS MR	RPD	Sample	Serial Dil	%Diff
	LCS/MR	SD	AC18778-008-13	AC18778-008-14		LCS-11	LCS MR-12				
Mercury	<=20	<=10	.5 U	.5 U	--						

Flags:

Na::Method Rep outside of Qc Limits
 Nb :Method Rep out but concentrations < 5* Reporting Limits
 U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
 Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
 Sb: Serial dilution out but concentration < 10 * IDL
 E: Serial Dilution outside of qc limits CLP

Metal Data
Verification of Instrument Parameters

MDL / RL SUMMARY

**SOIL
PE ICP 1**

ELEMENT	MDL	Reporting Limits (Mg/Kg)
Al	0.0546	200
Sb	0.00237	2
As	0.00454	2
Ba	0.00531	10
Be	0.000557	0.6
Cd	0.000898	0.6
Ca	0.279	1000
Cr	0.00488	5
Co	0.00218	2.5
Cu	0.00369	5
Fe	0.0771	200
Pb	0.00279	5
Mg	0.0563	500
Mn	0.0151	10
Mo	0.00166	2.5
Ni	0.00643	5
Se	0.00496	1.8
Ag	0.00148	2.5
Tl	0.00363	1.2
Sn	0.0101	5.7
Ti	0.0725	35
V	0.00164	10
Zn	0.0139	10

001512

**HGCV1
IDL / MDL / RL
SUMMARY**

Element: Mercury
Instrument: PE FIMS 100
Technique: CV

MDL Source: 671
Instrument ID: HgCV 1
Analyst John L. Soules

001513

<u>Bath IDL/MDL</u>		IDL	Date	MDL	Date	RL
600 Series	METHOD	(ppb)	Completed	(ppb)	Completed	(ppb)
<u>H2O</u>	245.1	0.091	3/14/2005	0.16	3/17/2005	0.20
<u>H2O CLP</u>	245.1	0.091	3/14/2005	0.105	3/18/2005	0.200
SW846						
<u>H2O</u>	7470A	0.079	3/14/2005	0.15	3/17/2005	0.70
<u>SOIL</u>	7471 A	0.079	3/14/2005	0.20	3/17/2005	0.50
<u>SOIL CLP</u>	7471A	0.079	3/14/2005	0.166	3/16/2005	0.20
<u>TCLP</u>	7470A	0.079	3/14/2005	0.14	3/17/2005	0.70
<u>SPLP</u>	7470A	0.079	3/14/2005	0.34	3/17/2005	0.70
<u>TOTAL LAMP</u>	7471A	1.94	3/14/2005	2.09	5/17/2002	10
Block IDL/MDL						
600 Series	METHOD	(ppb)	Completed	(ppb)	Completed	(ppb)
<u>H2O</u>	245.1	0.091	3/14/2005	0.12	3/16/2005	0.20
<u>H2O CLP</u>	245.1	0.091	3/14/2005	0.133	3/15/2005	0.200
SW846						
<u>H2O</u>	7470A	0.079	3/14/2005	0.13	3/16/2005	0.70
<u>SOIL</u>	7471 A	0.079	3/14/2005	0.087	3/14/2005	0.50
<u>SOIL CLP</u>	7471A	0.079	3/14/2005	0.117	3/15/2005	0.200
<u>TCLP</u>	7470A	0.079	3/14/2005	0.32	3/15/2005	0.70
<u>SPLP</u>	7470A	0.079	3/14/2005	0.42	3/15/2005	0.70

**INTERELEMENT CORRECTION SUMMARY
PEICP1**

Interfering Elements

001514

Interfered Elements	Al	Ca	Fe	Mg	Mn	Zn	Ti	Mo
Al	N/A	0.132	0	0.1	8.74	1.86	2.55	11.9
Sb	0.293	0	0	0	0	0	-1.04	-6.44
As	0	-0.01	-0.0509	0	0	0	-2.44	1.655
Ba	0	0	0	0	0	0	0	0
Be	0	0	-0.198	0	0	0	0	-0.273
Cd	0	0	0.0855	0	0	0	0	0
Ca	0	N/A	0	0	13.2	1.51	0	1
Cr	0	0	0	0	0	-7.65	0	-0.471
Co	0	0	0	0	0	0	1.83	-0.695
Cu	0.00413	0.0165	-0.0821	0	0.5	0	0	0
Fe	0	0	N/A	0	4.39	0	0	0
Pb	-0.08	-0.01	0.0355	0	0	0	-0.337	-1.26
Mg	0	0	0	N/A	7.44	0	0	-8.01
Mn	0	0	0	0	N/A	0	0	0
Mo	-0.00648	0	-0.0299	0	0	0	0	N/A
Ni	0.0234	0	0.138	0	0	0	0	-0.318
Se	0.0155	0	-0.32	0	0	0	0	0
Ag	0	0.00655	-0.0151	0	0	0	-8.87	-0.864
Tl	0	0	-0.0601	0	0.961	0	-8.6	-1.8
Sn	0.02	-0.07	0	0.05	0	-0.269	-3.58	-0.503
Ti	0	0	0	0	0	0	N/A	0
V	0	0	0.136	0.264	0	0	1.2	-6.09
Zn	0	0	0	0	0.4	0	0	0

LINEAR RANGES
PE ICP 1
AXIAL

001515

<u>ELEMENT</u>	<u>LINEAR RANGE</u> (PPM)
Al	500
Sb	50
As	50
Ba	40
Be	20
Cd	50
Ca	500
Cr	50
Co	50
Cu	50
Fe	400
Pb	50
Mg	600
Mn	30
Mo	50
Ni	50
Se	50
Ag	2
Tl	50
Sn	50
Ti	30
V	50
Zn	40

Metal Data
Raw Data

Veritech Standard Receipt Log

11/11/07

Veritech Control/Receipt Number: 704

Description
3001 Silica Gel

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
EM	7734-7	TA1228634	06/28/04	06/27/07	dave	1	2500		

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1104050	09/16/04	09/15/05	dave	60	2.5		

Veritech Control/Receipt Number: 1141

Description
Hydrogen Peroxide 30%

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H325-4	043205	05/24/05	05/23/06	Miller, Gael E.	2	4 liter	neat	neat

Veritech Control/Receipt Number: 1142

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4104120	05/19/05	05/18/06	Miller, Gael E.	18	2.5 lit	neat	neat

Veritech Control/Receipt Number: 1237

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#5	011000A	06/30/05	06/29/06	Miller, Gael E.	2	500	VARIOU	UG/ML

Veritech Control/Receipt Number: 1238

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#6	011000B	06/30/05	06/29/06	Miller, Gael E.	2	500	VARIOU	UG/ML

Veritech Internally Prepared Standard Log

001518

Veritech Lot Number: V-1613

Prepared By: Soules, John		Department: Metals		
Description: Hydroxylamine Hydrochloride		BatchNumber:		
Prep Date: 3/14/2005		Concentration: reagent		
Expiration Date: 9/10/2005		Final Volume: 10 l		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
555	2029 NaCl	1200 g		
784	2108 Hydroxylamine Hydrochloride	1200 g		

Veritech Lot Number: V-2627

Prepared By: Soules, John		Department: Metals		
Description: 5% Potassium Permanganate		BatchNumber:		
Prep Date: 4/22/2005		Concentration: reagent		
Expiration Date: 1/6/2008		Final Volume: 20 l		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
918	2121 Potassium Permanganate	1000		

Veritech Lot Number: V-2628

Prepared By: Soules, John		Department: Metals		
Description: 5% Potassium Persulfate		BatchNumber:		
Prep Date: 4/22/2005		Concentration: reagent		
Expiration Date: 10/19/2005		Final Volume: 10 l		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
713	2097 Potassium Persulfate	500 g		

Veritech Lot Number: V-5389

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate standard		BatchNumber: B-560		
Prep Date: 8/4/2005		Concentration: 10 ppm		
Expiration Date: 8/4/2005		Final Volume: 100 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2 ml		
1166	Mercury	.1 ml	1000 mg/l	

Veritech Lot Number: V-5390

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate control		BatchNumber: B-560		
Prep Date: 8/4/2005		Concentration: 10 ppm		
Expiration Date: 8/4/2005		Final Volume: 100 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
1183	Mercury	.1 ml	1000 mg/l	
796	2110 Nitric Acid	2 ml		

Veritech Internally Prepared Standard Log

61519

Veritech Lot Number: V-5391

Prepared By: Soules, John		Department: Metals		
Description: Auqaregia		BatchNumber: B-560		
Prep Date: 8/4/2005		Concentration: reagent		
Expiration Date: 8/4/2005		Final Volume: 40 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
796	2110 Nitric Acid	10 ml		
1142	Hydrochloric Acid	30 ml	neat neat	

Veritech Lot Number: V-5392

Prepared By: Soules, John		Department: Metals		
Description: SnCl2		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: reagent reagent		
Expiration Date: 8/4/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
924	2122 SnCL2	13.2 g		

Veritech Lot Number: V-5393

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous ICV 20ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 20 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5390	Hg intermediate control	2 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5394

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous CCV 10ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 10 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5390	Hg intermediate control	1 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

001520

Veritech Lot Number: V-5395

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard blk		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 0		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5396

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard .5ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: .5 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	.05 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5397

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 1ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 1 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	.1 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5398

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 2 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 2 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	.2 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

001521

Veritech Lot Number: V-5399

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 5ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 5 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	.5 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5400

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 10 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 10 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	1 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5401

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 25 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 25 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	2.5 ml		
V-5389	Hg intermediate standard	2.5 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5402

Prepared By: Soules, John		Department: Metals		
Description: Hg soil ICV 20ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 20 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5390	Hg intermediate control	2 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

001622

Veritech Lot Number: V-5403

Prepared By: Soules, John		Department: Metals		
Description: Hg soil CCV 10ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 10 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5390	Hg intermediate control	1 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5404

Prepared By: Soules, John		Department: Metals		
Description: Auqaregia		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: reagent reagent		
Expiration Date: 8/4/2005		Final Volume: 40 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
796	2110 Nitric Acid	10 ml		
884	2118 Sulfuric Acid	30 ml		

Veritech Lot Number: V-5405

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard blk		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 0		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	110 ml		
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5406

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard .5 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: .5 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5389	Hg intermediate standard	.05 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

001523

Veritech Lot Number: V-5407

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 1 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 1 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	110 ml		
V-5389	Hg intermediate standard	.1 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5408

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 2 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 2 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	110 ml		
V-5389	Hg intermediate standard	.2 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5409

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 5 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 5 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
1014	DI water (fill to volume)	110 ml		
V-5389	Hg intermediate standard	.5 ml	10 ppm	

Veritech Lot Number: V-5410

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 10 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 10 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	110 ml		
V-5389	Hg intermediate standard	1 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5411

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 25 ppb		BatchNumber: B-561		
Prep Date: 8/4/2005		Concentration: 25 ppb		
Expiration Date: 8/4/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	110 ml		
V-5389	Hg intermediate standard	2.5 ml	10 ppm	
V-5391	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

001524

Veritech Standard Receipt Log

001525

Veritech Control/Receipt Number: 555

Description
2029 NaCl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	s271-10	037713	04/27/04	04/26/07	dave	2	1000		

Veritech Control/Receipt Number: 713

Description
2097 Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	035701	07/09/04	07/08/07	dave	4	500		

Veritech Control/Receipt Number: 784

Description
2108 Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	041927	09/13/04	09/12/07	dave	3	0		

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1104050	09/16/04	09/15/05	dave	60	2.5		

Veritech Control/Receipt Number: 884

Description
2118 Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3103091	12/14/04	12/13/05	dave	12	2500		

Veritech Control/Receipt Number: 918

Description
2121 Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P279-212	040846	01/07/05	01/06/08	dave	1	0		

Veritech Control/Receipt Number: 924

Description
2122 SnCL2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	T142-3	045380	01/10/05	01/09/08	dave	1	0		

Veritech Standard Receipt Log

001526

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 1142

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4104120	05/19/05	05/18/06	Miller, Gael E.	18	2.5 lit	neat	neat

Veritech Control/Receipt Number: 1166

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	11-118HG	06/01/05	05/31/06	Miller, Gael E.	1	100	1000	mg/L

Veritech Control/Receipt Number: 1183

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV Labs	HGP1-1-X	HGP1G	06/02/05	06/01/06	Miller, Gael E.	1	100	1000	mg/L

Veritech Internally Prepared Standard Log

001527

Veritech Lot Number: V-2627

Prepared By: Soules, John		Department: Metals		
Description: 5% Potassium Permanganate		BatchNumber:		
Prep Date: 4/22/2005		Concentration: reagent		
Expiration Date: 1/6/2008		Final Volume: 20 l		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
918	2121 Potassium Permanganate	1000		

Veritech Lot Number: V-4503

Prepared By: Soules, John		Department: Metals		
Description: 1:1 HNO3		BatchNumber:		
Prep Date: 6/30/2005		Concentration: Reagent		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	500 ml		

Veritech Lot Number: V-4505

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: ICSA		BatchNumber:		
Prep Date: 6/30/2005		Concentration: MULTI mg/l		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
796	2110 Nitric Acid	50 ml		
1035	ICSA	50 ml	multi	
1014	DI water (fill to volume)			
1103	Hydrochloric Acid	50 ml	NEAT neat	

Veritech Lot Number: V-4506

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: ICSAB		BatchNumber:		
Prep Date: 6/30/2005		Concentration: MULTI multi		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
1114	ICSAB	10 ml	ml	
796	2110 Nitric Acid	50 ml		
1035	ICSA	50 ml	multi	
1103	Hydrochloric Acid	50 ml	NEAT neat	

Veritech Lot Number: V-4509

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: ICS3 - High std		BatchNumber:		
Prep Date: 6/30/2005		Concentration: MULTI multi		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
933	2125 ICS1 standards	10 ml		
934	2126 ICS2 standards	10 ml		
1103	Hydrochloric Acid	50 ml	NEAT neat	

Veritech Internally Prepared Standard Log

601528

Veritech Lot Number: V-4510

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: CCV		BatchNumber:		
Prep Date: 6/30/2005		Concentration: MULTI multi		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
1237	ICV1	10 ml	VARIOUS ug	
1103	Hydrochloric Acid	50 ml	NEAT neat	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-4514

Prepared By: Soules, John		Department: Metals		
Description: Hydroxylamine Hydrochloride		BatchNumber:		
Prep Date: 7/5/2005		Concentration: reagent		
Expiration Date: 9/10/2005		Final Volume: 10 l		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
555	2029 NaCl	1200 g		
784	2108 Hydroxylamine Hydrochloride	200 g		
916	2120 Hydroxylamine Hydrochloride	1000 g		

Veritech Lot Number: V-4847

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: ICV		BatchNumber:		
Prep Date: 7/14/2005		Concentration: MULTI multi		
Expiration Date: 9/15/2005		Final Volume: 500 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	25 ml		
1103	Hydrochloric Acid	25 ml	NEAT neat	
1237	ICV1	10 ml	VARIOUS ug	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-5157

Prepared By: Balashanthan, Shiamala		Department: Metals		
Description: ICB/CCB		BatchNumber:		
Prep Date: 7/27/2005		Concentration: 0 mg/l		
Expiration Date: 9/15/2005		Final Volume: 1000 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
1142	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-5390

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate control		BatchNumber: B-560		
Prep Date: 8/4/2005		Concentration: 10 ppm		
Expiration Date: 8/4/2005		Final Volume: 100 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
1183	Mercury	.1 ml	1000 mg/l	
796	2110 Nitric Acid	2 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 555

Description
2029 NaCl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	s271-10	037713	04/27/04	04/26/07	dave	2	1000		

Veritech Control/Receipt Number: 784

Description
2108 Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	041927	09/13/04	09/12/07	dave	3	0		

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1104050	09/16/04	09/15/05	dave	60	2.5		

Veritech Control/Receipt Number: 916

Description
2120 Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	H330-1	041927	01/06/05	01/05/08	dave	2	1000		

Veritech Control/Receipt Number: 918

Description
2121 Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P279-212	040846	01/07/05	01/06/08	dave	1	0		

Veritech Control/Receipt Number: 933

Description
2125 ICS1 standards

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	ICS1	05A050	01/20/05	01/19/06	dave	1	0		

Veritech Control/Receipt Number: 934

Description
2126 ICS2 standards

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	ICS2	05A050	01/20/05	01/19/06	dave	1	0		

62010

Veritech Standard Receipt Log

001530

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 1035

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-050105JC03	05C029	03/04/05	03/03/06	Mathews, Dave	2	500	multi	

Veritech Control/Receipt Number: 1103

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK212	4104090	04/21/05	04/20/06	Smith, Greg	12	2.5L	NEAT	NEAT

Veritech Control/Receipt Number: 1114

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG Labs	ZHAMPTON#2	0099940B	05/02/05	04/01/06	Mathews, Dave	1	500		ml

Veritech Control/Receipt Number: 1142

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4104120	05/19/05	05/18/06	Miller, Gael E.	18	2.5 lit	neat	neat

Veritech Control/Receipt Number: 1183

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV Labs	HGP1-1-X	HGP1G	06/02/05	06/01/06	Miller, Gael E.	1	100	1000	mg/L

Veritech Control/Receipt Number: 1237

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCCLK#5	011000A	06/30/05	06/29/06	Miller, Gael E.	2	500	VARIOU	UG/ML

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1238

001531

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#6	011000B	06/30/05	06/29/06	Miller, Gael E.	2	500	VARIOU	UG/ML

Data File: W:\METALS.FRM\ICPDATA\PeIcp\1S6207A.TXT

Instrument: PEICP1

Analysis Date: 07/29/05

001582

Sample Id	DF	QcType	Time	Run Test #	Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1	1	CAL	12:52	1						
Calib Std 1	1	CAL	12:55	2						
Calib Std 2	1	CAL	12:58	3						
Calib Std 3	1	CAL	13:01	4						
ICS V-4509	1	ICS	13:03	5						
ICV V-4847 (2)	1	ICV	13:06	6						
ICB V-5157	1	ICB	13:09	7						
ICSA V-4505	1	ICSA	13:13	8						
ICSAB V-4506	1	ICSAB	13:16	9						
MB 6207 (100)	1	MB	13:19	10		SOIL	SOIL	SW846	6207	
LCS 100	1	LCS	13:22	11		SOIL	SOIL	SW846	6207	
LCS 100 MR	1	LCS	13:27	12		SOIL	SOIL	SW846	6207	
AC18802-005	1	SMP	13:32	13	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-005	1	MR	13:36	14	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-005	1	MS	13:39	15	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-005	1	MS	13:44	16	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-005	1	PS	13:49	17	PPMETALS-S	SOIL	SOIL	SW846	6207	
CCV V-4510	1	CCV	13:54	18						
CCB	1	CCB	13:57	19						
AC18802-006	1	SMP	14:00	20	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-006	5	SD	14:03	21	PPMETALS-S	SOIL	SOIL	SW846	6207	
ICSA V-4505	1	ICSA	14:07	22						
ICSAB V-4506	1	ICSAB	14:11	23						
CCV V-4510	1	CCV	14:14	24						
CCB	1	CCB	14:17	25						

Shiant re 7/29/05

MB 8/2/05

Shiant re 7/29/05

Data File: W\METALS.FRM\ICPDATA\PeIcp1\NS6207B.TXT

Instrument: PEICP1

Analysis Date: 07/29/05

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1	1	CAL	16:06	1						
Calib Std 1	1	CAL	16:09	2						
Calib Std 2	1	CAL	16:12	3						
Calib Std 3	1	CAL	16:14	4						
ICS V-4509	1	ICS	16:17	5						
ICV V-4847 (2)	1	ICV	16:19	6						
ICB V-5157	1	ICB	16:22	7						
ICSA V-4505	1	ICSA	16:25	8						
ICSAB V-4506	1	ICSAB	16:28	9						
AC18797-001	1	SMP	16:32	10	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18810-001	1	SMP	16:34	11	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18810-002	1	SMP	16:37	12	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18810-003	1	SMP	16:40	13	PPMETALS-S	SOIL	AQUEO	SW846	6207	
MB FB (1)	1	MB	16:43	14		SOIL	AQUEO	SW846	6207	
LCSW	1	LCS	16:46	15		SOIL	AQUEO	SW846	6207	
ICSA V-4505	1	ICSA	16:51	16						
ICSAB V-4506	1	ICSAB	16:54	17						
CCV V-4510	1	CCV	16:57	18						
CCB	1	CCB	17:00	19						
AC18778-021	1	SMP	17:03	20	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18778-022	1	SMP	17:06	21	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18778-023	1	SMP	17:08	22	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18778-024	1	SMP	17:11	23	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18776-001	1	SMP	17:14	24	MET-7-SOIL	SOIL	SOIL	SW846	6207	
CCV V-4510	1	CCV	17:17	25						
CCB	1	CCB	17:20	26						
AC18802-001	1	SMP	17:23	27	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-002	1	SMP	17:26	28	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-003	1	SMP	17:29	29	PPMETALS-S	SOIL	SOIL	SW846	6207	
AC18802-004	1	SMP	17:32	30	PPMETALS-S	SOIL	SOIL	SW846	6207	
ICSA V-4505	1	ICSA	17:36	31						
ICSAB V-4506	1	ICSAB	17:39	32						
CCV V-4510	1	CCV	17:42	33						
CCB	1	CCB	17:45	34						

001033

Shirahat on 8/1/05

Abell 8/2/05

Shirahat on 8/1/05

Data File: W:\METALS.FRM\ICPDATA\Peicp1\6206A.TXT

Instrument: PEICP1

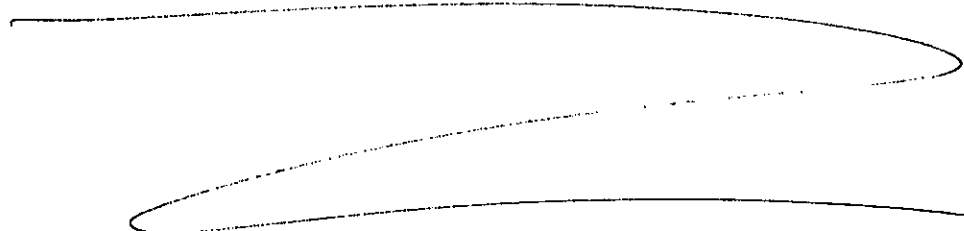
Analysis Date: 08/08/05

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1	1	CAL	18:25	1						
Calib Std 1	1	CAL	18:28	2						
Calib Std 2	1	CAL	18:31	3						
Calib Std 3	1	CAL	18:34	4						
ICS V-4509	1	ICS	18:36	5						
ICV V-4847 (2)	1	ICV	18:39	6						
ICB V-5157	1	ICB	18:41	7						
ICSA V-4505	1	ICSA	18:45	8						
ICSAB V-4506	1	ICSAB	18:48	9						
MB 6206 (100)	1	MB	18:51	10		SOIL	SOIL	SW846	6206	
LCS 100	1	LCS	18:54	11		SOIL	SOIL	SW846	6206	
LCS 100 MR	1	LCS	18:57	12		SOIL	SOIL	SW846	6206	
AC18778-008	1	SMP	19:01	13	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-008	1	MR	19:04	14	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-008	1	MS	19:07	15	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-008	1	MS	19:11	16	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-008	1	PS	19:15	17	PPMETALS-S	SOIL	SOIL	SW846	6206	
CCV V-4510	1	CCV	19:18	18						
CCB	1	CCB	19:21	19						
AC18778-001	1	SMP	19:25	20	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-001	5	SD	19:29	21	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-002	1	SMP	19:32	22	PPMETALS-S	SOIL	SOIL	SW846	6206	
ICSA V-4505	1	ICSA	19:35	23						
ICSAB V-4506	1	ICSAB	19:38	24						
CCV V-4510	1	CCV	19:41	25						
CCB	1	CCB	19:44	26						
AC18778-003	1	SMP	19:47	27	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-004	1	SMP	19:50	28	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-005	1	SMP	19:53	29	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-006	1	SMP	19:56	30	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-007	1	SMP	19:59	31	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-009	1	SMP	20:03	32	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-010	1	SMP	20:05	33	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-011	1	SMP	20:08	34	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-012	1	SMP	20:11	35	PPMETALS-S	SOIL	SOIL	SW846	6206	
CCV V-4510	1	CCV	20:14	36						
CCB	1	CCB	20:17	37						
AC18778-013	1	SMP	20:20	38	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-014	1	SMP	20:23	39	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-015	1	SMP	20:27	40	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-016	1	SMP	20:30	41	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-017	1	SMP	20:34	42	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-018	1	SMP	20:37	43	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-019	1	SMP	20:40	44	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-020	1	SMP	20:44	45	PPMETALS-S	SOIL	SOIL	SW846	6206	
ICSA V-4505	1	ICSA	20:48	46						
ICSAB V-4506	1	ICSAB	20:51	47						
CCV V-4510	1	CCV	20:54	48						
CCB	1	CCB	20:57	49						

001534

Shiamol Ant 8/9/05

ABELL 8/10/05



Shiamol Re 8/9/05

Data File: W:\METALS.FRM\ICPDATA\PeIcp1\56225C.TXT

Instrument: PEICPI

Analysis Date: 08/09/05

001593

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1	1	CAL	12:51	1						
Calib Std 1	1	CAL	12:53	2						
Calib Std 2	1	CAL	12:56	3						
Calib Std 3	1	CAL	12:59	4						
ICS_V-4509	1	ICS	13:02	5						
ICV V-4847 (2)	1	ICV	13:06	6						
ICB V-5157	1	ICB	13:08	7						
ICSA V-4505	1	ICSA	13:12	8						
ICSAB_V-4506	1	ICSAB	13:15	9						
AC18825-001	2	SMP	13:18	10	PPMETALS-S	SOIL	SOIL	SW846	6225	
AC18778-001	5	SMP	13:22	11	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-001	25	SD	13:25	12	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-014	2	SMP	13:28	13	PPMETALS-S	SOIL	SOIL	SW846	6206	
AC18778-019	10	SMP	13:31	14	PPMETALS-S	SOIL	SOIL	SW846	6206	
ICSA V-4505	1	ICSA	13:35	15						
ICSAB V-4506	1	ICSAB	13:38	16						
CCV_V-4510	1	CCV	13:41	17						
CCB	1	CCB	13:44	18						Shant Bat 8/9/05

Call 8/10/05

Shant Bat 8/9/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H6207S.TXT Instrument: HGCV1
Analysis Date: 07/29/05 Standard/Batch/SnCl2 Lot #: V-5218

001588

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	14:04	1						
0.5 PPB	1	CAL	14:05	2						
1.0 PPB	1	CAL	14:07	3						
2.0 PPB	1	CAL	14:08	4						
5.0 PPB	1	CAL	14:10	5						
10.0 PPB	1	CAL	14:12	6						
25.0 PPB	1	CAL	14:13	7						
ICV 1183 (2)	1	ICV	14:15	8						
ICB	1	ICB	14:16	9						
MB 6207 (167)	1	MB	14:18	10		SOIL	SOIL	SW846	6207	
LCS	1	LCS	14:20	11		SOIL	SOIL	SW846	6207	
LCS MR	1	LCS	14:21	12		SOIL	SOIL	SW846	6207	
AC18802-005	1	SMP	14:23	13	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-005	1	MR	14:24	14	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-005	1	MS	14:26	15	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-005	1	MS	14:28	16	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-006	1	SMP	14:29	17	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18778-021	1	SMP	14:31	18	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18778-022	1	SMP	14:32	19	HG-SOIL	SOIL	SOIL	SW846	6207	
CCV	1	CCV	14:34	20						
CCB	1	CCB	14:36	21						
AC18778-023	1	SMP	14:37	22	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18778-024	1	SMP	14:39	23	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18776-001	1	SMP	14:40	24	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18797-001	1	SMP	14:42	25	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18810-001	1	SMP	14:44	26	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18810-002	1	SMP	14:45	27	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18810-003	1	SMP	14:47	28	HG-SOIL	SOIL	AQUEO	SW846	6207	
AC18802-001	1	SMP	14:48	29	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-002	1	SMP	14:50	30	HG-SOIL	SOIL	SOIL	SW846	6207	
AC18802-003	1	SMP	14:52	31	HG-SOIL	SOIL	SOIL	SW846	6207	
CCV	1	CCV	14:53	32						
CCB	1	CCB	14:55	33						

Shiamal 8/4/05

Handwritten signature: [Signature]
Date: 7/29/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv\1H6206S.TXT

Instrument: HGCVI


Analysis Date: 08/08/05

Standard/Batch/SnCl2 Lot #: V-5574

01537

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	12:48	1						
0.5 PPB	1	CAL	12:49	2						
1.0 PPB	1	CAL	12:51	3						
2.0 PPB	1	CAL	12:53	4						
5.0 PPB	1	CAL	12:54	5						
10.0 PPB	1	CAL	12:56	6						
25.0 PPB	1	CAL	12:57	7						
ICV 1183 (2)	1	ICV	12:59	8						
ICB	1	ICB	13:01	9						
MB 6206 (167)	1	MB	13:02	10		SOIL	SOIL	SW846	6206	
LCS	1	LCS	13:04	11		SOIL	SOIL	SW846	6206	
LCS MR	1	LCS	13:05	12		SOIL	SOIL	SW846	6206	
AC18778-008	1	SMP	13:07	13	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-008	1	MR	13:09	14	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-008	1	MS	13:10	15	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-008	1	MS	13:12	16	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-001	1	SMP	13:13	17	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-002	1	SMP	13:16	18	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-003	1	SMP	13:17	19	HG-SOIL	SOIL	SOIL	SW846	6206	
CCV	1	CCV	13:19	20						
CCB	1	CCB	13:21	21						
AC18778-004	1	SMP	13:22	22	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-005	1	SMP	13:24	23	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-006	1	SMP	13:25	24	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-007	1	SMP	13:27	25	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-009	1	SMP	13:29	26	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-010	1	SMP	13:30	27	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-011	1	SMP	13:32	28	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-012	1	SMP	13:33	29	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-013	1	SMP	13:35	30	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-014	1	SMP	13:37	31	HG-SOIL	SOIL	SOIL	SW846	6206	
CCV	1	CCV	13:38	32						
CCB	1	CCB	13:40	33						
AC18778-015	1	SMP	13:41	34	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-016	1	SMP	13:43	35	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-017	1	SMP	13:45	36	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-018	1	SMP	13:46	37	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-019	1	SMP	13:48	38	HG-SOIL	SOIL	SOIL	SW846	6206	
AC18778-020	1	SMP	13:49	39	HG-SOIL	SOIL	SOIL	SW846	6206	
CCV	1	CCV	13:51	40						
CCB	1	CCB	13:53	41						

Shirahel a 8/8/05



8/8/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H6206SB.TXT

Instrument: HGCV1

Analysis Date: 08/08/05

Standard/Batch/SnCl2 Lot #: V5574

001538

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	14:52	1						
0.5 PPB	1	CAL	14:54	2						
1.0 PPB	1	CAL	14:55	3						
2.0 PPB	1	CAL	14:57	4						
5.0 PPB	1	CAL	14:58	5						
10.0 PPB	1	CAL	15:00	6						
25.0 PPB	1	CAL	15:02	7						
ICV 1183 (2)	1	ICV	15:03	8						
ICB	1	ICB	15:05	9						
AC18778-001	10	SMP	15:06	10	HG-SOIL	SOIL	SOIL	SW846	6206	
CCV	1	CCV	15:08	11						
CCB	1	CCB	15:10	12						

Sheet # 8/9/05

[Handwritten Signature]
8/8/05

Date File: S6207A.

Batch 6207 (8011)

Method: PE1 Axial

Page 1

Date: 7/29/05 12:58:20 PM

Analyst: Rev. Ph... 7/29/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6207A

Spectra Stored: Yes

Method Stored: Yes

Sample Info: S6207a

User: User1

Date: 7/29/05 12:50:18 PM

Method Description: 200.7/SW846

2nd Rev: abal 8/4/05

Mean Data

ID: Calib Blank 1

Seq. No.: 1

A/S Pos: 1

Data: Original

Date: 7/29/05 12:51:42 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-59.6	71.14	119.30%	0	mg/L
Al 308.215	5679.4	15.81	0.28%	0	mg/L
Ba 233.527	39.6	0.24	0.60%	0	mg/L
Ca 315.887	-15762.9	28.35	0.18%	0	mg/L
Cd 226.502	-195.0	6.76	3.47%	0	mg/L
Co 228.616	-99.6	5.77	5.79%	0	mg/L
Cu 324.754	7769.5	58.18	0.75%	0	mg/L
Fe 273.955	372.6	8.42	2.26%	0	mg/L
Mg 279.079	148.5	11.15	7.51%	0	mg/L
Mn 257.610	396.9	7.89	1.99%	0	mg/L
Se 196.026	53.3	2.46	4.62%	0	mg/L
V 292.402	-222.4	73.84	33.20%	0	mg/L
Zn 206.200	138.9	1.27	0.91%	0	mg/L
Na 330.237	874.5	8.83	1.01%	0	mg/L
Ti 334.941	-88.2	13.41	15.21%	0	mg/L
Mo 202.030	-112.8	3.75	3.32%	0	mg/L
Sn 189.933	-37.8	1.02	2.69%	0	mg/L
Be 234.861	-363.3	5.73	1.58%	0	mg/L
As 188.979	-35.3	0.75	2.12%	0	mg/L
Sb 206.833	71.2	7.53	10.58%	0	mg/L
Cr 206.158	148.9	1.36	0.91%	0	mg/L
Pb 220.353	11.6	6.11	52.55%	0	mg/L
Ni 231.604	3.7	10.29	280.93%	0	mg/L
Tl 190.800	-63.8	0.38	0.59%	0	mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

A/S Pos: 160

Data: Original

Date: 7/29/05 12:54:42 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1346.1	33.46	2.49%	0.010	mg/L
Al 308.215	7442.0	59.37	0.80%	0.10	mg/L
Ba 233.527	549.9	3.12	0.57%	0.010	mg/L
Ca 315.887	24517.6	79.52	0.32%	1.0	mg/L
Cd 226.502	830.4	7.74	0.93%	0.010	mg/L
Co 228.616	248.5	2.68	1.08%	0.010	mg/L
Cu 324.754	8780.1	12.61	0.14%	0.010	mg/L
Fe 273.955	2020.7	9.36	0.46%	0.10	mg/L
Mg 279.079	11691.4	24.91	0.21%	1.0	mg/L
Mn 257.610	6193.8	3.53	0.06%	0.010	mg/L
Se 196.026	103.4	5.94	5.75%	0.010	mg/L
V 292.402	1501.4	11.47	0.76%	0.010	mg/L
Zn 206.200	750.5	19.49	2.60%	0.010	mg/L
Na 330.237	1364.2	24.77	1.82%	1.0	mg/L
Ti 334.941	5077.1	41.61	0.82%	0.010	mg/L
Mo 202.030	53.0	0.43	0.82%	0.010	mg/L
Sn 189.933	50.3	7.63	15.16%	0.010	mg/L
Be 234.861	4799.4	6.21	0.13%	0.010	mg/L
As 188.979	-8.8	1.29	14.65%	0.010	mg/L
Sb 206.833	115.8	2.04	1.76%	0.010	mg/L
Cr 206.158	422.6	1.41	0.33%	0.010	mg/L
Pb 220.353	58.8	4.69	7.98%	0.010	mg/L
Ni 231.604	220.9	9.38	4.24%	0.010	mg/L
Tl 190.800	-43.3	0.04	0.10%	0.010	mg/L

6207

UB
 LES
 LES MR
 18802-005
 ↓ me
 ms1
 ms2
 BS
 18802-006
 ↓ SD

was run.
 all elements
 were reported.

Mean Data

ID: Calib Std 2

Seq. No.: 3

A/S Pos: 3

Data: Original

Date: 7/29/05 12:57:49 PM

001510

Element	Mean Corr.		RSD	Calib	
	Intensity	Std.Dev.		Conc.	Units
Ag 328.068	72898.8	166.85	0.23%	0.50	mg/L
Al 308.215	89949.6	477.93	0.53%	5.0	mg/L
Ba 233.527	24567.4	122.05	0.50%	0.50	mg/L
Ca 315.887	2014707.4	7797.51	0.39%	50	mg/L
Cd 226.502	50201.5	177.29	0.35%	0.50	mg/L
Co 228.616	16592.0	29.97	0.18%	0.50	mg/L
Cu 324.754	70876.1	319.53	0.45%	0.50	mg/L
Fe 273.955	83297.5	390.74	0.47%	5.0	mg/L
Mg 279.079	582073.4	2314.27	0.40%	50	mg/L
Mn 257.610	241806.1	1049.41	0.43%	0.50	mg/L
Se 196.026	3008.8	3.07	0.10%	0.50	mg/L
V 292.402	82551.8	518.29	0.63%	0.50	mg/L
Zn 206.200	24455.2	202.23	0.83%	0.50	mg/L
Na 330.237	34223.7	138.34	0.40%	50	mg/L
Ti 334.941	252824.8	983.19	0.39%	0.50	mg/L
Mo 202.030	7906.5	23.91	0.30%	0.50	mg/L
Sn 189.933	4197.5	15.58	0.37%	0.50	mg/L
Be 234.861	257905.4	914.26	0.35%	0.50	mg/L
As 188.979	1300.7	0.97	0.07%	0.50	mg/L
Sb 206.833	1983.0	9.15	0.46%	0.50	mg/L
Cr 206.158	13360.2	94.59	0.71%	0.50	mg/L
Pb 220.353	2294.9	2.17	0.09%	0.50	mg/L
Ni 231.604	10548.8	15.24	0.14%	0.50	mg/L
Tl 190.800	771.0	4.26	0.55%	0.50	mg/L

Mean Data

ID: Calib Std 3	Seq. No.: 4	A/S Pos: 2
	Data: Original	Date: 7/29/05 1:00:47 PM

Element	Mean Corr.		RSD	Calib	
	Intensity	Std.Dev.		Conc.	Units
Ag 328.068	146380.7	496.37	0.34%	1.0	mg/L
Al 308.215	179587.8	978.81	0.55%	10	mg/L
Ba 233.527	47835.1	323.71	0.68%	1.0	mg/L
Ca 315.887	3984550.3	22061.50	0.55%	100	mg/L
Cd 226.502	98559.0	574.14	0.58%	1.0	mg/L
Co 228.616	32679.4	252.06	0.77%	1.0	mg/L
Cu 324.754	134934.9	631.55	0.47%	1.0	mg/L
Fe 273.955	163815.9	1021.02	0.62%	10	mg/L
Mg 279.079	1172848.2	6195.73	0.53%	100	mg/L
Mn 257.610	474763.9	2650.22	0.56%	1.0	mg/L
Se 196.026	5927.8	43.49	0.73%	1.0	mg/L
V 292.402	163042.3	922.17	0.57%	1.0	mg/L
Zn 206.200	46766.7	356.89	0.76%	1.0	mg/L
Na 330.237	73825.6	286.42	0.39%	100	mg/L
Ti 334.941	499969.1	2379.69	0.48%	1.0	mg/L
Mo 202.030	15729.8	111.60	0.71%	1.0	mg/L
Sn 189.933	8487.8	47.59	0.56%	1.0	mg/L
Be 234.861	510513.3	2732.94	0.54%	1.0	mg/L
As 188.979	2600.6	9.71	0.37%	1.0	mg/L
Sb 206.833	3885.2	17.75	0.46%	1.0	mg/L
Cr 206.158	25771.6	176.80	0.69%	1.0	mg/L
Pb 220.353	4549.6	26.47	0.58%	1.0	mg/L
Ni 231.604	20767.3	119.72	0.58%	1.0	mg/L
Tl 190.800	1605.6	14.32	0.89%	1.0	mg/L

Calibration Summary

Method: PE1 Axial	Date: 7/29/05	1:01:15 PM
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Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	146263.2	0.00000	0.999997
Al 308.215	3	Linear	5201.6	17341.2	0.00000	0.999871
Ba 233.527	3	Linear-thru-Zero	0.0	48095.6	0.00000	0.999891
Ca 315.887	3	Linear-thru-Zero	0.0	39934.0	0.00000	0.999970
Cd 226.502	3	Linear-thru-Zero	0.0	98926.5	0.00000	0.999947
Co 228.616	3	Linear-thru-Zero	0.0	32779.7	0.00000	0.999961
Cu 324.754	3	Linear	7564.3	127220.7	0.00000	0.999993

001541

Element	Conc.	Units	Mean	Std.Dev.	Sample	RSD
Fe 273.955	3	Linear	597.8	16365.3	0.00000	0.999971
Mg 279.079	3	Linear-thru-Zero	0.0	11711.1	0.00000	0.999992
Mn 257.610	3	Linear-thru-Zero	0.0	476545.0	0.00000	0.999943
Se 196.026	3	Linear	52.7	5882.4	0.00000	0.999993
V 292.402	3	Linear-thru-Zero	0.0	163453.5	0.00000	0.999976
Zn 206.200	3	Linear	387.3	46729.8	0.00000	0.999768
Na 330.237	3	Linear-thru-Zero	0.0	727.6	0.00000	0.999140
Ti 334.941	3	Linear-thru-Zero	0.0	501105.7	0.00000	0.999981
Mo 202.030	3	Linear-thru-Zero	0.0	15745.6	0.00000	0.999964
Sn 189.933	3	Linear	-41.5	8519.1	0.00000	0.999994
Be 234.861	3	Linear-thru-Zero	0.0	511570.3	0.00000	0.999984
As 188.979	3	Linear	-31.9	2639.1	0.00000	0.999975
Sb 206.833	3	Linear	75.0	3811.4	0.00000	0.999999
Cr 206.158	3	Linear	229.6	25685.3	0.00000	0.999873
Pb 220.353	3	Linear	15.0	4539.6	0.00000	0.999995
Ni 231.604	3	Linear	37.7	20787.9	0.00000	0.999968
Tl 190.800	3	Linear	-62.1	1667.4	0.00000	0.999998

Mean Data

ID: ICS V-4509 Seq. No.: 5 Sample No.: 7 A/S Pos: 2
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:03:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	145620.9	1.00129	0.003120	mg/L				0.31%
Al 308.215	178638.0	10.0014	0.02362	mg/L				0.24%
Ba 233.527	48085.9	0.999798	0.0006643	mg/L				0.07%
Ca 315.887	3950399.2	98.9232	0.32037	mg/L				0.32%
Cd 226.502	98007.5	0.990710	0.0020805	mg/L				0.21%
Co 228.616	32647.9	0.995981	0.0006491	mg/L				0.07%
Cu 324.754	134922.3	1.00108	0.001957	mg/L				0.20%
Fe 273.955	162958.1	9.92103	0.012703	mg/L				0.13%
Mg 279.079	1164752.7	99.4574	0.27428	mg/L				0.28%
Mn 257.610	471587.4	0.989597	0.0030059	mg/L				0.30%
Se 196.026	5906.3	0.995102	0.0006461	mg/L				0.06%
V 292.402	162125.3	0.983939	0.0022522	mg/L				0.23%
Zn 206.200	46627.5	0.989523	0.0003618	mg/L				0.04%
Na 330.237	73498.4	104.127	0.4468	mg/L				0.43%
Ti 334.941	495913.4	0.989638	0.0038631	mg/L				0.39%
Mo 202.030	15703.6	0.997334	0.0006643	mg/L				0.07%
Sn 189.933	8472.5	0.999395	0.0048047	mg/L				0.48%
Be 234.861	506957.8	0.990984	0.0023835	mg/L				0.24%
As 188.979	2631.4	1.00919	0.008827	mg/L				0.87%
Sb 206.833	3879.5	0.997972	0.0035142	mg/L				0.35%
Cr 206.158	25873.9	1.00489	0.000089	mg/L				0.01%
Pb 220.353	4554.1	0.999885	0.0001017	mg/L				0.01%
Ni 231.604	20822.3	0.999840	0.0043283	mg/L				0.43%
Tl 190.800	1604.6	1.01018	0.004183	mg/L				0.41%

Mean Data

ID: ICV V-4847 (2) Seq. No.: 6 Sample No.: 1 A/S Pos: 159
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:06:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	146149.7	1.00498	0.000779	mg/L				0.08%
Al 308.215	189549.1	10.6306	0.00914	mg/L				0.09%
Ba 233.527	50399.8	1.04791	0.000559	mg/L				0.05%
Ca 315.887	3999778.3	100.160	0.1141	mg/L				0.11%
Cd 226.502	99301.1	1.00379	0.000256	mg/L				0.03%
Co 228.616	32924.0	1.00440	0.004808	mg/L				0.48%
Cu 324.754	139150.3	1.03431	0.003865	mg/L				0.37%
Fe 273.955	166541.2	10.1400	0.00434	mg/L				0.04%
Mg 279.079	1198252.0	102.318	0.0372	mg/L				0.04%
Mn 257.610	485064.7	1.01788	0.000150	mg/L				0.01%
Se 196.026	5951.6	1.00280	0.004183	mg/L				0.42%
V 292.402	166025.0	1.00746	0.001559	mg/L				0.15%
Zn 206.200	47569.0	1.00967	0.002260	mg/L				0.22%
Na 330.237	76936.8	108.912	0.0059	mg/L				0.01%
Ti 334.941	502800.9	1.00338	0.000427	mg/L				0.04%

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Mo 202.030	15853.2	1.00684	0.004843	mg/L	0.48%
Sn 189.933	8731.1	1.02975	0.004437	mg/L	0.43%
Be 234.861	513169.6	1.00313	0.000175	mg/L	0.02%
As 188.979	2709.7	1.03884	0.007489	mg/L	0.72%
Sb 206.833	3965.6	1.02044	0.006266	mg/L	0.61%
Cr 206.158	26566.9	1.03200	0.004233	mg/L	0.41%
Pb 220.353	4673.5	1.02618	0.003112	mg/L	0.30%
Ni 231.604	21345.0	1.02499	0.005061	mg/L	0.49%
Tl 190.800	1626.5	1.02348	0.009910	mg/L	0.97%

Mean Data

ID: ICB V-5157 Seq. No.: 7 Sample No.: 2 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:09:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-108.1	-0.0007390	0.00013561	mg/L				18.35%
Al 308.215	5782.3	0.0334900	0.00262014	mg/L				7.82%
Ba 233.527	49.4	0.0010277	0.00008577	mg/L				8.35%
Ca 315.887	-15799.1	-0.395629	0.0025708	mg/L				0.65%
Cd 226.502	-187.6	-0.0018966	0.00004595	mg/L				2.42%
Co 228.616	-97.0	-0.0029600	0.00001024	mg/L				0.35%
Cu 324.754	7884.9	0.0025198	0.00029593	mg/L				11.74%
Fe 273.955	268.1	-0.0201466	0.00045467	mg/L				2.26%
Mg 279.079	57.0	0.0048659	0.00127580	mg/L				26.22%
Mn 257.610	415.9	0.0008727	0.00003203	mg/L				3.67%
Se 196.026	57.5	0.0008192	0.00158017	mg/L				192.90%
V 292.402	-222.5	-0.0013615	0.00021329	mg/L				15.67%
Zn 206.200	168.3	-0.0046867	0.00015043	mg/L				3.21%
Na 330.237	893.6	1.22818	0.042511	mg/L				3.46%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-122.7	-0.0002450	0.00010137	mg/L				41.38%
Mo 202.030	-106.4	-0.0067584	0.00029541	mg/L				4.37%
Sn 189.933	-12.9	0.0033560	0.00107044	mg/L				31.90%
Be 234.861	-335.2	-0.0006552	0.00003386	mg/L				5.17%
As 188.979	-35.0	-0.0011813	0.00044759	mg/L				37.89%
Sb 206.833	77.6	0.0006914	0.00143125	mg/L				207.00%
Cr 206.158	155.5	-0.0028835	0.00022235	mg/L				7.71%
Pb 220.353	11.4	-0.0008126	0.00123003	mg/L				151.37%
Ni 231.604	-0.0	-0.0018173	0.00000145	mg/L				0.08%
Tl 190.800	-60.5	0.0009783	0.00298349	mg/L				304.96%

Mean Data

ID: ICSA V-4505 Seq. No.: 8 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:12:37 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	51.8	0.0003539	0.00022182	mg/L				62.69%
Al 308.215	7982395.7	459.955	3.5773	mg/L				0.78%
Ba 233.527	18.0	0.0003735	0.00001242	mg/L				3.33%
Ca 315.887	17797248.6	445.667	3.6051	mg/L				0.81%
Cd 226.502	1306.3	0.0007920	0.00014888	mg/L				18.80%
Co 228.616	167.4	0.0051072	0.00041115	mg/L				8.05%
Cu 324.754	6745.7	0.0006795	0.00031265	mg/L				46.01%
Fe 273.955	2902116.4	177.297	0.4101	mg/L				0.23%
Mg 279.079	5753214.8	491.263	4.0778	mg/L				0.83%
Mn 257.610	2039.5	0.0042798	0.00004753	mg/L				1.11%
Se 196.026	-218.0	0.0088843	0.00196887	mg/L				22.16%
V 292.402	6678.8	-0.0008319	0.00138658	mg/L				166.68%
Zn 206.200	656.4	0.0057592	0.00013181	mg/L				2.29%
Na 330.237	828.3	-4.90230	0.065249	mg/L				1.33%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1650.9	-0.0032945	0.00010512	mg/L				3.19%
Mo 202.030	-218.1	-0.0067546	0.00004199	mg/L				0.62%
Sn 189.933	-119.7	-0.0091772	0.00081037	mg/L				8.83%
Be 234.861	-7248.6	0.0000186	0.00008709	mg/L				467.30%
As 188.979	-56.5	0.0013410	0.00056352	mg/L				42.02%
Sb 206.833	125.2	-0.0003179	0.00273177	mg/L				859.33%
Cr 206.158	203.1	-0.0010295	0.00007887	mg/L				7.66%

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Pb 220.353	-159.6	0.0031045	0.00221790	mg/L				71.44%
Ni 231.604	967.6	0.0061166	0.00095779	mg/L				15.66%
Tl 190.800	-66.7	-0.0027895	0.00131123	mg/L				47.01%

Mean Data

ID: ICSAB V-4506 Seq. No.: 9 Sample No.: 4 A/S Pos: 6
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:16:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	147394.3	1.00773	0.000972	mg/L				0.10%
Al 308.215	8012736.8	461.704	2.1879	mg/L				0.47%
Ba 233.527	23039.3	0.479031	0.0009618	mg/L				0.20%
Ca 315.887	17887967.0	447.938	1.8480	mg/L				0.41%
Cd 226.502	91978.6	0.917393	0.0006362	mg/L				0.07%
Co 228.616	15189.8	0.463391	0.0006692	mg/L				0.14%
Cu 324.754	71617.2	0.510570	0.0001451	mg/L				0.03%
Fe 273.955	2892946.2	176.737	0.1543	mg/L				0.09%
Mg 279.079	5778000.8	493.379	2.1563	mg/L				0.44%
Mn 257.610	226759.1	0.475840	0.0008384	mg/L				0.18%
Se 196.026	5294.6	0.945785	0.0027246	mg/L				0.29%
V 292.402	81450.4	0.456251	0.0003138	mg/L				0.07%
Zn 206.200	41909.1	0.888551	0.0012451	mg/L				0.14%
Na 330.237	2152.0	-0.790609	0.1036984	mg/L				13.12%
Pi 334.941	-1547.5	-0.0030882	0.00007470	mg/L				2.42%
Mo 202.030	-220.8	-0.0069488	0.00087000	mg/L				12.52%
Sn 189.933	-121.6	-0.0094056	0.00341222	mg/L				36.28%
Be 234.861	238634.4	0.480617	0.0008614	mg/L				0.18%
As 188.979	2592.4	1.00501	0.004492	mg/L				0.45%
Sb 206.833	3847.3	0.976211	0.0016981	mg/L				0.17%
Cr 206.158	12202.7	0.471971	0.0006520	mg/L				0.14%
Pb 220.353	4136.5	0.949647	0.0061340	mg/L				0.65%
Ni 231.604	20166.0	0.929730	0.0002996	mg/L				0.03%
Tl 190.800	1514.7	0.945634	0.0110004	mg/L				1.16%

Mean Data

ID: MB 6207 (100) Seq. No.: 10 Sample No.: 1 A/S Pos: 9
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:19:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-89.3	-0.0006107	0.00001878	mg/L	-0.0006107	0.00001878	mg/L	3.07%
Al 308.215	6217.9	0.0586090	0.00530055	mg/L	0.0586090	0.00530055	mg/L	9.04%
Ba 233.527	66.6	0.0013852	0.00011387	mg/L	0.0013852	0.00011387	mg/L	8.22%
Ca 315.887	-9747.1	-0.244080	0.0028242	mg/L	-0.244080	0.0028242	mg/L	1.16%
Cd 226.502	-196.5	-0.0019868	0.00007516	mg/L	-0.0019868	0.00007516	mg/L	3.78%
Co 228.616	-94.8	-0.0028909	0.00008329	mg/L	-0.0028909	0.00008329	mg/L	2.88%
Cu 324.754	9246.4	0.0132221	0.00030249	mg/L	0.0132221	0.00030249	mg/L	2.29%
Fe 273.955	2705.5	0.128786	0.0014087	mg/L	0.128786	0.0014087	mg/L	1.09%
Mg 279.079	234.2	0.0199996	0.00004196	mg/L	0.0199996	0.00004196	mg/L	0.21%
Mn 257.610	1243.8	0.0026100	0.00000774	mg/L	0.0026100	0.00000774	mg/L	0.30%
Se 196.026	59.5	0.0011496	0.00007157	mg/L	0.0011496	0.00007157	mg/L	6.23%
V 292.402	-235.3	-0.0014394	0.00015046	mg/L	-0.0014394	0.00015046	mg/L	10.45%
Zn 206.200	1188.3	0.0171413	0.00035603	mg/L	0.0171413	0.00035603	mg/L	2.08%
Na 330.237	1071.8	1.47321	0.024732	mg/L	1.47321	0.024732	mg/L	1.68%
Ti 334.941	62.2	0.0001240	0.00000706	mg/L	0.0001240	0.00000706	mg/L	5.69%
Mo 202.030	-107.1	-0.0068000	0.00039443	mg/L	-0.0068000	0.00039443	mg/L	5.80%
Sn 189.933	180.4	0.0260503	0.00011483	mg/L	0.0260503	0.00011483	mg/L	0.44%
Be 234.861	-403.3	-0.0007884	0.00001649	mg/L	-0.0007884	0.00001649	mg/L	2.09%
As 188.979	-40.1	-0.0030812	0.00069809	mg/L	-0.0030812	0.00069809	mg/L	22.66%
Sb 206.833	80.7	0.0014845	0.00110062	mg/L	0.0014845	0.00110062	mg/L	74.14%
Cr 206.158	369.3	0.0054379	0.0000652	mg/L	0.0054379	0.0000652	mg/L	0.12%
Pb 220.353	16.4	0.0002966	0.00090497	mg/L	0.0002966	0.00090497	mg/L	305.08%
Ni 231.604	181.3	0.0069061	0.00004953	mg/L	0.0069061	0.00004953	mg/L	0.72%
Tl 190.800	-65.7	-0.0021400	0.00132661	mg/L	-0.0021400	0.00132661	mg/L	61.99%

Mean Data

ID: LCS 100 Seq. No.: 11 Sample No.: 2 A/S Pos: 10
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:22:17 PM

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Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	60536.6	0.413888	0.0038301	mg/L	0.413888	0.0038301	mg/L	0.93%
Al 308.215	80909.8	4.36580	0.042566	mg/L	4.36580	0.042566	mg/L	0.97%
Ba 233.527	22130.1	0.460128	0.0031597	mg/L	0.460128	0.0031597	mg/L	0.69%
Ca 315.887	1755874.2	43.9694	0.57194	mg/L	43.9694	0.57194	mg/L	1.30%
Cd 226.502	43717.6	0.441920	0.0058615	mg/L	0.441920	0.0058615	mg/L	1.33%
Co 228.616	14574.6	0.444624	0.0027253	mg/L	0.444624	0.0027253	mg/L	0.61%
Cu 324.754	66059.5	0.459793	0.0031222	mg/L	0.459793	0.0031222	mg/L	0.68%
Fe 273.955	75992.8	4.60701	0.053358	mg/L	4.60701	0.053358	mg/L	1.16%
Mg 279.079	513435.4	43.8419	0.54938	mg/L	43.8419	0.54938	mg/L	1.25%
Mn 257.610	215055.2	0.451280	0.0049522	mg/L	0.451280	0.0049522	mg/L	1.10%
Se 196.026	2514.8	0.418557	0.0022803	mg/L	0.418557	0.0022803	mg/L	0.54%
V 292.402	72758.6	0.439193	0.0054131	mg/L	0.439193	0.0054131	mg/L	1.23%
Zn 206.200	22111.3	0.464884	0.0030017	mg/L	0.464884	0.0030017	mg/L	0.65%
Na 330.237	30139.2	42.6335	0.30007	mg/L	42.6335	0.30007	mg/L	0.70%
Ti 334.941	218909.1	0.436852	0.0046655	mg/L	0.436852	0.0046655	mg/L	1.07%
Mo 202.030	6843.1	0.434605	0.0032384	mg/L	0.434605	0.0032384	mg/L	0.75%
Sn 189.933	4029.4	0.477854	0.0031307	mg/L	0.477854	0.0031307	mg/L	0.66%
Be 234.861	221533.8	0.433047	0.0047834	mg/L	0.433047	0.0047834	mg/L	1.10%
As 188.979	1146.7	0.446606	0.0034193	mg/L	0.446606	0.0034193	mg/L	0.77%
Sb 206.833	1721.4	0.431970	0.0086095	mg/L	0.431970	0.0086095	mg/L	1.99%
Cr 206.158	12044.7	0.459994	0.0032733	mg/L	0.459994	0.0032733	mg/L	0.71%
Pb 220.353	2048.2	0.447878	0.0027816	mg/L	0.447878	0.0027816	mg/L	0.62%
Ni 231.604	9589.6	0.459492	0.0031123	mg/L	0.459492	0.0031123	mg/L	0.68%
Tl 190.800	664.9	0.436014	0.0039094	mg/L	0.436014	0.0039094	mg/L	0.90%

Mean Data

ID: LCS 100 MR Seq. No.: 12 Sample No.: 3 A/S Pos: 11
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:27:03 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	59440.1	0.406391	0.0022545	mg/L	0.406391	0.0022545	mg/L	0.55%
Al 308.215	79998.7	4.31326	0.025680	mg/L	4.31326	0.025680	mg/L	0.60%
Ba 233.527	21484.4	0.446702	0.0010982	mg/L	0.446702	0.0010982	mg/L	0.25%
Ca 315.887	1716774.4	42.9903	0.30858	mg/L	42.9903	0.30858	mg/L	0.72%
Cd 226.502	42567.1	0.430290	0.0023124	mg/L	0.430290	0.0023124	mg/L	0.54%
Co 228.616	14144.9	0.431513	0.0009635	mg/L	0.431513	0.0009635	mg/L	0.22%
Cu 324.754	64818.8	0.450041	0.0034508	mg/L	0.450041	0.0034508	mg/L	0.77%
Fe 273.955	77747.5	4.71423	0.031897	mg/L	4.71423	0.031897	mg/L	0.68%
Mg 279.079	502649.4	42.9209	0.30342	mg/L	42.9209	0.30342	mg/L	0.71%
Mn 257.610	212000.5	0.444870	0.0029728	mg/L	0.444870	0.0029728	mg/L	0.67%
Se 196.026	2479.6	0.412569	0.0013229	mg/L	0.412569	0.0013229	mg/L	0.32%
V 292.402	70984.3	0.428463	0.0027773	mg/L	0.428463	0.0027773	mg/L	0.65%
Zn 206.200	21552.1	0.452919	0.0012068	mg/L	0.452919	0.0012068	mg/L	0.27%
Na 330.237	29395.7	41.5805	0.14149	mg/L	41.5805	0.14149	mg/L	0.34%
Ti 334.941	215795.0	0.430638	0.0027868	mg/L	0.430638	0.0027868	mg/L	0.65%
Mo 202.030	6632.9	0.421251	0.0014174	mg/L	0.421251	0.0014174	mg/L	0.34%
Sn 189.933	3836.9	0.455256	0.0028491	mg/L	0.455256	0.0028491	mg/L	0.63%
Be 234.861	217094.8	0.424370	0.0027128	mg/L	0.424370	0.0027128	mg/L	0.64%
As 188.979	1112.5	0.433667	0.0000524	mg/L	0.433667	0.0000524	mg/L	0.01%
Sb 206.833	1681.4	0.421479	0.0007176	mg/L	0.421479	0.0007176	mg/L	0.17%
Cr 206.158	11716.7	0.447224	0.0016822	mg/L	0.447224	0.0016822	mg/L	0.38%
Pb 220.353	1988.9	0.434823	0.0005128	mg/L	0.434823	0.0005128	mg/L	0.12%
Ni 231.604	9377.4	0.449282	0.0008926	mg/L	0.449282	0.0008926	mg/L	0.20%
Tl 190.800	640.6	0.421441	0.0023132	mg/L	0.421441	0.0023132	mg/L	0.55%

Mean Data

ID: 18802-005 Seq. No.: 13 Sample No.: 4 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:32:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2447.2	0.0018902	0.00062885	mg/L	0.0018902	0.00062885	mg/L	33.27%
Al 308.215	862261.1	49.4233	0.07712	mg/L	49.4233	0.07712	mg/L	0.16%
Ba 233.527	67625.7	1.40607	0.000530	mg/L	1.40607	0.000530	mg/L	0.04%
Ca 315.887	2230359.4	55.8511	0.06616	mg/L	55.8511	0.06616	mg/L	0.12%
Cd 226.502	2015.7	0.0069232	0.00010004	mg/L	0.0069232	0.00010004	mg/L	1.45%

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Co 228.616	24308.7	0.741577	0.0001100	mg/L	0.741577	0.0001100	mg/L	0.01%
Cu 324.754	107070.0	0.789859	0.0024704	mg/L	0.789859	0.0024704	mg/L	0.31%
Fe 273.955	3145019.4	192.140	0.5869	mg/L	192.140	0.5869	mg/L	0.31%
Mg 279.079	339612.4	28.9992	0.03031	mg/L	28.9992	0.03031	mg/L	0.10%
Mn 257.610	1029069.8	2.15944	0.003432	mg/L	2.15944	0.003432	mg/L	0.16%
Se 196.026	-172.8	0.0289086	0.00024275	mg/L	0.0289086	0.00024275	mg/L	0.84%
V 292.402	33526.0	0.232055	0.0001639	mg/L	0.232055	0.0001639	mg/L	0.07%
Zn 206.200	77406.7	1.64819	0.000931	mg/L	1.64819	0.000931	mg/L	0.06%
Na 330.237	3543.5	9.44142	0.006944	mg/L	9.44142	0.006944	mg/L	0.07%
Ti 334.941	1625351.3	3.24353	0.001923	mg/L	3.24353	0.001923	mg/L	0.06%
Mo 202.030	268.3	0.0247251	0.00057638	mg/L	0.0247251	0.00057638	mg/L	2.33%
Sn 189.933	1455.9	0.185028	0.0011407	mg/L	0.185028	0.0011407	mg/L	0.62%
Be 234.861	-6701.9	0.0022750	0.00018315	mg/L	0.0022750	0.00018315	mg/L	8.05%
As 188.979	118.3	0.0749291	0.00201959	mg/L	0.0749291	0.00201959	mg/L	2.70%
Sb 206.833	149.2	0.0248460	0.00200948	mg/L	0.0248460	0.00200948	mg/L	8.09%
Cr 206.158	9322.1	0.364799	0.0012729	mg/L	0.364799	0.0012729	mg/L	0.35%
Pb 220.353	10624.4	2.33709	0.005953	mg/L	2.33709	0.005953	mg/L	0.25%
Ni 231.604	17770.5	0.818941	0.0025927	mg/L	0.818941	0.0025927	mg/L	0.32%
Tl 190.800	-109.7	0.0063119	0.00005147	mg/L	0.0063119	0.00005147	mg/L	0.82%

Mean Data

ID: 18802-005 MR Seq. No.: 14 Sample No.: 5 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:35:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1109.0	0.0083180	0.00003002	mg/L	0.0083180	0.00003002	mg/L	0.36%
Al 308.215	790980.2	45.3128	0.00106	mg/L	45.3128	0.00106	mg/L	0.00%
Ba 233.527	58494.0	1.21620	0.003188	mg/L	1.21620	0.003188	mg/L	0.26%
Ca 315.887	2173530.3	54.4281	0.13030	mg/L	54.4281	0.13030	mg/L	0.24%
Cd 226.502	1930.0	0.0055948	0.00010714	mg/L	0.0055948	0.00010714	mg/L	1.91%
Co 228.616	18860.7	0.575378	0.0009533	mg/L	0.575378	0.0009533	mg/L	0.17%
Cu 324.754	105158.0	0.775096	0.0005621	mg/L	0.775096	0.0005621	mg/L	0.07%
Fe 273.955	3253133.4	198.746	0.4216	mg/L	198.746	0.4216	mg/L	0.21%
Mg 279.079	280020.1	23.9107	0.08318	mg/L	23.9107	0.08318	mg/L	0.35%
Mn 257.610	1062601.7	2.22980	0.002975	mg/L	2.22980	0.002975	mg/L	0.13%
Se 196.026	-171.9	0.0313889	0.00105943	mg/L	0.0313889	0.00105943	mg/L	3.38%
V 292.402	28225.9	0.200556	0.0011280	mg/L	0.200556	0.0011280	mg/L	0.56%
Zn 206.200	56929.9	1.20999	0.004812	mg/L	1.20999	0.004812	mg/L	0.40%
Na 330.237	2850.3	7.04419	0.061447	mg/L	7.04419	0.061447	mg/L	0.87%
Ti 334.941	1387807.4	2.76949	0.005232	mg/L	2.76949	0.005232	mg/L	0.19%
Mo 202.030	1583.5	0.108519	0.0004878	mg/L	0.108519	0.0004878	mg/L	0.45%
Sn 189.933	1392.3	0.176206	0.0007473	mg/L	0.176206	0.0007473	mg/L	0.42%
Be 234.861	-6971.5	0.0022766	0.00010876	mg/L	0.0022766	0.00010876	mg/L	4.78%
As 188.979	104.1	0.0690146	0.00109306	mg/L	0.0690146	0.00109306	mg/L	1.58%
Sb 206.833	160.2	0.0223605	0.00153074	mg/L	0.0223605	0.00153074	mg/L	6.85%
Cr 206.158	13070.3	0.507856	0.0020342	mg/L	0.507856	0.0020342	mg/L	0.40%
Pb 220.353	9120.0	2.00062	0.003906	mg/L	2.00062	0.003906	mg/L	0.20%
Ni 231.604	20161.6	0.932791	0.0035101	mg/L	0.932791	0.0035101	mg/L	0.38%
Tl 190.800	-102.5	0.0055345	0.00128709	mg/L	0.0055345	0.00128709	mg/L	23.26%

Mean Data

ID: 18802-005 MS 1 Seq. No.: 15 Sample No.: 6 A/S Pos: 14
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:38:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	56947.8	0.409181	0.0029624	mg/L	0.409181	0.0029624	mg/L	0.72%
Al 308.215	1052671.8	60.4035	0.60977	mg/L	60.4035	0.60977	mg/L	1.01%
Ba 233.527	81576.7	1.69614	0.005751	mg/L	1.69614	0.005751	mg/L	0.34%
Ca 315.887	3672250.5	91.9580	1.05779	mg/L	91.9580	1.05779	mg/L	1.15%
Cd 226.502	44267.9	0.435144	0.0010741	mg/L	0.435144	0.0010741	mg/L	0.25%
Co 228.616	32838.8	1.00180	0.003984	mg/L	1.00180	0.003984	mg/L	0.40%
Cu 324.754	152673.3	1.14768	0.005397	mg/L	1.14768	0.005397	mg/L	0.47%
Fe 273.955	2884685.7	176.232	1.8615	mg/L	176.232	1.8615	mg/L	1.06%
Mg 279.079	835782.6	71.3668	0.80386	mg/L	71.3668	0.80386	mg/L	1.13%
Mn 257.610	1239743.6	2.60152	0.026354	mg/L	2.60152	0.026354	mg/L	1.01%
Se 196.026	2223.0	0.430624	0.0008998	mg/L	0.430624	0.0008998	mg/L	0.21%
V 292.402	101606.1	0.636666	0.0026154	mg/L	0.636666	0.0026154	mg/L	0.41%
Zn 206.200	82495.0	1.75707	0.007122	mg/L	1.75707	0.007122	mg/L	0.41%

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Na 330.237	32536.6	49.8090	0.09848	mg/L	49.8090	0.09848	mg/L	0.20%
Ti 334.941	1730771.3	3.45390	0.034789	mg/L	3.45390	0.034789	mg/L	1.01%
Mo 202.030	6643.1	0.428953	0.0011165	mg/L	0.428953	0.0011165	mg/L	0.26%
Sn 189.933	5100.9	0.613486	0.0016239	mg/L	0.613486	0.0016239	mg/L	0.26%
Be 234.861	207665.0	0.420039	0.0040241	mg/L	0.420039	0.0040241	mg/L	0.96%
As 188.979	1227.8	0.494821	0.0007765	mg/L	0.494821	0.0007765	mg/L	0.16%
Sb 206.833	1128.5	0.275868	0.0003429	mg/L	0.275868	0.0003429	mg/L	0.12%
Cr 206.158	21165.2	0.826598	0.0035894	mg/L	0.826598	0.0035894	mg/L	0.43%
Pb 220.353	11537.5	2.53823	0.006107	mg/L	2.53823	0.006107	mg/L	0.24%
Ni 231.604	26545.6	1.24389	0.005543	mg/L	1.24389	0.005543	mg/L	0.45%
Tl 190.800	577.7	0.426355	0.0049161	mg/L	0.426355	0.0049161	mg/L	1.15%

Mean Data

ID: 18802-005 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 15
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:44:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	56805.6	0.409626	0.0015089	mg/L	0.409626	0.0015089	mg/L	0.37%
Al 308.215	961450.1	55.1431	0.11765	mg/L	55.1431	0.11765	mg/L	0.21%
Ba 233.527	75354.8	1.56677	0.008836	mg/L	1.56677	0.008836	mg/L	0.56%
Ca 315.887	4165581.3	104.312	0.4628	mg/L	104.312	0.4628	mg/L	0.44%
Cd 226.502	43119.5	0.425516	0.0019305	mg/L	0.425516	0.0019305	mg/L	0.45%
Co 228.616	35279.2	1.07625	0.005789	mg/L	1.07625	0.005789	mg/L	0.54%
Cu 324.754	154437.6	1.16041	0.001450	mg/L	1.16041	0.001450	mg/L	0.12%
Fe 273.955	2421774.3	147.946	0.6026	mg/L	147.946	0.6026	mg/L	0.41%
Mg 279.079	771489.8	65.8769	0.29909	mg/L	65.8769	0.29909	mg/L	0.45%
Mn 257.610	1144169.3	2.40097	0.009492	mg/L	2.40097	0.009492	mg/L	0.40%
Se 196.026	2250.9	0.425477	0.0015243	mg/L	0.425477	0.0015243	mg/L	0.36%
V 292.402	98661.0	0.615425	0.0027615	mg/L	0.615425	0.0027615	mg/L	0.45%
Zn 206.200	87245.3	1.85873	0.010846	mg/L	1.85873	0.010846	mg/L	0.58%
Na 330.237	32395.5	50.2273	0.28507	mg/L	50.2273	0.28507	mg/L	0.57%
Ti 334.941	1854378.0	3.70057	0.008153	mg/L	3.70057	0.008153	mg/L	0.22%
Mo 202.030	6550.8	0.421959	0.0016053	mg/L	0.421959	0.0016053	mg/L	0.38%
Sn 189.933	5191.3	0.624800	0.0024420	mg/L	0.624800	0.0024420	mg/L	0.39%
Be 234.861	208541.8	0.419490	0.0017247	mg/L	0.419490	0.0017247	mg/L	0.41%
As 188.979	1203.2	0.484300	0.0032300	mg/L	0.484300	0.0032300	mg/L	0.67%
Sb 206.833	1192.8	0.293880	0.0000992	mg/L	0.293880	0.0000992	mg/L	0.03%
Cr 206.158	18770.2	0.734018	0.0043325	mg/L	0.734018	0.0043325	mg/L	0.59%
Pb 220.353	11795.0	2.59496	0.013583	mg/L	2.59496	0.013583	mg/L	0.52%
Ni 231.604	23852.4	1.11935	0.006435	mg/L	1.11935	0.006435	mg/L	0.57%
Tl 190.800	573.7	0.426170	0.0004493	mg/L	0.426170	0.0004493	mg/L	0.11%

Mean Data

ID: 18802-005 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 16
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 1:49:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	69430.4	0.495880	0.0022720	mg/L	0.495880	0.0022720	mg/L	0.46%
Al 308.215	970655.2	55.6739	0.44287	mg/L	55.6739	0.44287	mg/L	0.80%
Ba 233.527	90165.2	1.87471	0.007424	mg/L	1.87471	0.007424	mg/L	0.40%
Ca 315.887	4225559.5	105.814	0.8287	mg/L	105.814	0.8287	mg/L	0.78%
Cd 226.502	53385.4	0.526188	0.0010621	mg/L	0.526188	0.0010621	mg/L	0.20%
Co 228.616	40596.3	1.23846	0.001687	mg/L	1.23846	0.001687	mg/L	0.14%
Cu 324.754	173287.8	1.31036	0.007635	mg/L	1.31036	0.007635	mg/L	0.58%
Fe 273.955	3146692.9	192.242	1.4778	mg/L	192.242	1.4778	mg/L	0.77%
Mg 279.079	960879.9	82.0488	0.65061	mg/L	82.0488	0.65061	mg/L	0.79%
Mn 257.610	1244891.5	2.61233	0.018557	mg/L	2.61233	0.018557	mg/L	0.71%
Se 196.026	2750.6	0.525927	0.0013508	mg/L	0.525927	0.0013508	mg/L	0.26%
V 292.402	115599.9	0.723077	0.0022486	mg/L	0.723077	0.0022486	mg/L	0.31%
Zn 206.200	97372.6	2.07545	0.001100	mg/L	2.07545	0.001100	mg/L	0.05%
Na 330.237	40058.1	60.9800	0.21784	mg/L	60.9800	0.21784	mg/L	0.36%
Ti 334.941	1849065.9	3.68997	0.025218	mg/L	3.68997	0.025218	mg/L	0.68%
Mo 202.030	8353.0	0.538189	0.0031318	mg/L	0.538189	0.0031318	mg/L	0.58%
Sn 189.933	5953.3	0.714224	0.0007595	mg/L	0.714224	0.0007595	mg/L	0.11%
Be 234.861	256350.8	0.516490	0.0038851	mg/L	0.516490	0.0038851	mg/L	0.75%
As 188.979	1527.7	0.609874	0.0001048	mg/L	0.609874	0.0001048	mg/L	0.02%
Sb 206.833	2003.2	0.505377	0.0016642	mg/L	0.505377	0.0016642	mg/L	0.33%
Cr 206.158	22510.3	0.881053	0.0005323	mg/L	0.881053	0.0005323	mg/L	0.06%

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Pb 220.353	12658.2	2.78511	0.001977 mg/L	2.78511	0.001977 mg/L	0.07%
Ni 231.604	28359.5	1.32830	0.005756 mg/L	1.32830	0.005756 mg/L	0.43%
Tl 190.800	744.9	0.529187	0.0003731 mg/L	0.529187	0.0003731 mg/L	0.07%

Mean Data

ID: CCV V-4510 Seq. No.: 18 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:54:08 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	70255.3	0.480335	0.0004849	mg/L				0.10%
Al 308.215	94810.8	5.16741	0.011824	mg/L				0.23%
Ba 233.527	25359.1	0.527265	0.0005051	mg/L				0.10%
Ca 315.887	1998570.1	50.0468	0.12111	mg/L				0.24%
Cd 226.502	49848.0	0.503889	0.0010395	mg/L				0.21%
Co 228.616	16463.4	0.502243	0.0011261	mg/L				0.22%
Cu 324.754	72315.7	0.508969	0.0017442	mg/L				0.34%
Fe 273.955	83953.9	5.09348	0.013585	mg/L				0.27%
Mg 279.079	589504.8	50.3374	0.14935	mg/L				0.30%
Mn 257.610	244072.0	0.512170	0.0014171	mg/L				0.28%
Se 196.026	2991.8	0.499644	0.0017540	mg/L				0.35%
V 292.402	83107.4	0.501627	0.0014496	mg/L				0.29%
Zn 206.200	24459.6	0.515139	0.0022720	mg/L				0.44%
Na 330.237	35274.5	49.8223	0.24583	mg/L				0.49%
Ti 334.941	249853.4	0.498604	0.0014306	mg/L				0.29%
Mo 202.030	7769.0	0.493409	0.0002565	mg/L				0.05%
Sn 189.933	4282.7	0.507591	0.0014269	mg/L				0.28%
Be 234.861	256592.1	0.501577	0.0015347	mg/L				0.31%
As 188.979	1333.0	0.517212	0.0027538	mg/L				0.53%
Sb 206.833	2008.1	0.507189	0.0001762	mg/L				0.03%
Cr 206.158	13502.2	0.516737	0.0013766	mg/L				0.27%
Pb 220.353	2311.4	0.505863	0.0010425	mg/L				0.21%
Ni 231.604	10609.0	0.508529	0.0008579	mg/L				0.17%
Tl 190.800	764.4	0.501004	0.0028477	mg/L				0.57%

Mean Data

ID: CCB Seq. No.: 19 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 1:57:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-101.8	-0.0006957	0.00008001	mg/L				11.50%
Al 308.215	5739.5	0.0310213	0.00043150	mg/L				1.39%
Ba 233.527	34.7	0.0007223	0.00002420	mg/L				3.35%
Ca 315.887	-16211.8	-0.405966	0.0017820	mg/L				0.44%
Cd 226.502	-196.6	-0.0019873	0.00000772	mg/L				0.39%
Co 228.616	-92.9	-0.0028331	0.00011522	mg/L				4.07%
Cu 324.754	7904.3	0.0026722	0.00020195	mg/L				7.56%
Fe 273.955	385.4	-0.0129785	0.00041743	mg/L				3.22%
Mg 279.079	109.2	0.0093263	0.00203696	mg/L				21.84%
Mn 257.610	473.8	0.0009943	0.00000696	mg/L				0.70%
Se 196.026	48.5	-0.0007166	0.00023453	mg/L				32.73%
V 292.402	-208.9	-0.0012779	0.00002750	mg/L				2.15%
Zn 206.200	191.9	-0.0041820	0.00018856	mg/L				4.51%
Na 330.237	805.1	1.10658	0.031053	mg/L				2.81%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-76.9	-0.0001534	0.00001106	mg/L				7.21%
Mo 202.030	-103.5	-0.0065737	0.00004278	mg/L				0.65%
Sn 189.933	-33.0	0.0009965	0.00078246	mg/L				78.52%
Be 234.861	-348.7	-0.0006815	0.00000256	mg/L				0.38%
As 188.979	-36.7	-0.0018217	0.00111478	mg/L				61.19%
Sb 206.833	76.5	0.0003987	0.00091208	mg/L				228.76%
Cr 206.158	148.2	-0.0031675	0.00003514	mg/L				1.11%
Pb 220.353	12.7	-0.0005118	0.00102866	mg/L				200.99%
Ni 231.604	-3.3	-0.0019746	0.00005155	mg/L				2.61%
Tl 190.800	-61.3	0.0004620	0.00050754	mg/L				109.87%

Mean Data

ID: 18802-006 Seq. No.: 20 Sample No.: 9 A/S Pos: 17
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original

Date: 7/29/05

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Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1058.7	-0.0007206	0.00010372	mg/L	-0.0007206	0.00010372	mg/L	14.39%
Al 308.215	113041.8	6.21872	0.088283	mg/L	6.21872	0.088283	mg/L	1.42%
Ba 233.527	14746.6	0.306610	0.0041024	mg/L	0.306610	0.0041024	mg/L	1.34%
Ca 315.887	114508.1	2.86743	0.042030	mg/L	2.86743	0.042030	mg/L	1.47%
Cd 226.502	409.0	-0.0014804	0.00001878	mg/L	-0.0014804	0.00001878	mg/L	1.27%
Co 228.616	1299.5	0.0396446	0.00039790	mg/L	0.0396446	0.00039790	mg/L	1.00%
Cu 324.754	19453.4	0.0934522	0.00064035	mg/L	0.0934522	0.00064035	mg/L	0.69%
Fe 273.955	1312950.7	80.1914	0.77408	mg/L	80.1914	0.77408	mg/L	0.97%
Mg 279.079	7076.1	0.604221	0.0064624	mg/L	0.604221	0.0064624	mg/L	1.07%
Mn 257.610	63275.6	0.132780	0.0012820	mg/L	0.132780	0.0012820	mg/L	0.97%
Se 196.026	1.7	0.0194005	0.00004430	mg/L	0.0194005	0.00004430	mg/L	0.23%
V 292.402	8675.0	0.0643187	0.00113044	mg/L	0.0643187	0.00113044	mg/L	1.76%
Zn 206.200	3473.8	0.0660501	0.00016624	mg/L	0.0660501	0.00016624	mg/L	0.25%
Na 330.237	1200.4	1.65250	0.074615	mg/L	1.65250	0.074615	mg/L	4.52%
Ti 334.941	568870.9	1.13523	0.004053	mg/L	1.13523	0.004053	mg/L	0.36%
Mo 202.030	413.5	0.0262642	0.00025842	mg/L	0.0262642	0.00025842	mg/L	0.98%
Sn 189.933	277.9	0.0374853	0.00012149	mg/L	0.0374853	0.00012149	mg/L	0.32%
Be 234.861	-3123.0	0.0003124	0.00000866	mg/L	0.0003124	0.00000866	mg/L	2.77%
As 188.979	125.1	0.0594958	0.00000076	mg/L	0.0594958	0.00000076	mg/L	0.00%
Sb 206.833	89.9	0.0039075	0.00011125	mg/L	0.0039075	0.00011125	mg/L	2.85%
Cr 206.158	1336.9	0.0431087	0.00017100	mg/L	0.0431087	0.00017100	mg/L	0.40%
Pb 220.353	371.1	0.0784268	0.00150037	mg/L	0.0784268	0.00150037	mg/L	1.91%
Ni 231.604	1965.1	0.0784875	0.00033112	mg/L	0.0784875	0.00033112	mg/L	0.42%
Tl 190.800	-87.0	-0.0027752	0.00051430	mg/L	-0.0027752	0.00051430	mg/L	18.53%

Mean Data ID: 18802-006 SD

Seq. No.: 21
Prep. Vol.:
Data: Original

Sample No.: 10
1.0 mL

A/S Pos: 18
Dilution: 1.0: 1.0
Date: 7/29/05 2:03:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-253.0	-0.0017297	0.00006399	mg/L	-0.0017297	0.00006399	mg/L	3.70%
Al 308.215	26341.5	1.21906	0.004238	mg/L	1.21906	0.004238	mg/L	0.35%
Ba 233.527	2791.1	0.0580321	0.00017851	mg/L	0.0580321	0.00017851	mg/L	0.31%
Ca 315.887	7733.4	0.193653	0.0004392	mg/L	0.193653	0.0004392	mg/L	0.23%
Cd 226.502	-92.3	-0.0009335	0.00003062	mg/L	-0.0009335	0.00003062	mg/L	3.28%
Co 228.616	174.3	0.0053183	0.00007858	mg/L	0.0053183	0.00007858	mg/L	1.48%
Cu 324.754	9858.5	0.0180327	0.00021865	mg/L	0.0180327	0.00021865	mg/L	1.21%
Fe 273.955	253330.8	15.4433	0.03009	mg/L	15.4433	0.03009	mg/L	0.19%
Mg 279.079	1297.4	0.110782	0.0000673	mg/L	0.110782	0.0000673	mg/L	0.06%
Mn 257.610	12317.2	0.0258468	0.00000497	mg/L	0.0258468	0.00000497	mg/L	0.02%
Se 196.026	42.9	0.0037322	0.00039367	mg/L	0.0037322	0.00039367	mg/L	10.55%
V 292.402	1477.5	0.0090394	0.00005162	mg/L	0.0090394	0.00005162	mg/L	0.57%
Zn 206.200	837.1	0.0096247	0.00001618	mg/L	0.0096247	0.00001618	mg/L	0.17%
Na 330.237	973.4	1.33792	0.033601	mg/L	1.33792	0.033601	mg/L	2.51%
Ti 334.941	108748.9	0.217018	0.0015895	mg/L	0.217018	0.0015895	mg/L	0.73%
Mo 202.030	-15.1	-0.0009575	0.00012157	mg/L	-0.0009575	0.00012157	mg/L	12.70%
Sn 189.933	12.0	0.0062760	0.00001751	mg/L	0.0062760	0.00001751	mg/L	0.28%
Be 234.861	-921.6	-0.0018016	0.00004475	mg/L	-0.0018016	0.00004475	mg/L	2.48%
As 188.979	-9.0	0.0086860	0.00101092	mg/L	0.0086860	0.00101092	mg/L	11.64%
Sb 206.833	71.2	-0.0010029	0.00067828	mg/L	-0.0010029	0.00067828	mg/L	67.63%
Cr 206.158	368.8	0.0054192	0.00000494	mg/L	0.0054192	0.00000494	mg/L	0.09%
Pb 220.353	80.2	0.0143523	0.00099393	mg/L	0.0143523	0.00099393	mg/L	6.93%
Ni 231.604	369.2	0.0159455	0.00000908	mg/L	0.0159455	0.00000908	mg/L	0.06%
Tl 190.800	-68.8	-0.0040409	0.00043675	mg/L	-0.0040409	0.00043675	mg/L	10.81%

Mean Data ID: ICSA V-4505

Seq. No.: 22
Prep. Vol.:
Data: Original

Sample No.: 3
1.0 L

A/S Pos: 5
Dilution: 1.0: 1.0
Date: 7/29/05 2:07:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	52.3	0.0003576	0.00020401	mg/L				57.06%
Al 308.215	7977744.9	459.687	0.9101	mg/L				0.20%
Ba 233.527	8.7	0.0001799	0.00015679	mg/L				87.14%
Ca 315.887	17703223.4	443.312	0.0045	mg/L				0.00%

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Cd 226.502	1326.1	0.0009864	0.00004172	mg/L	4.23%
Co 228.616	176.7	0.0053902	0.00013687	mg/L	2.54%
Cu 324.754	6771.0	0.0008815	0.00021233	mg/L	24.09%
Fe 273.955	2903366.1	177.374	0.1675	mg/L	0.09%
Mg 279.079	5735997.1	489.792	0.5605	mg/L	0.11%
Mn 257.610	2030.2	0.0042603	0.00000205	mg/L	0.05%
Se 196.026	-213.2	0.0097359	0.00287841	mg/L	29.56%
V 292.402	6538.4	-0.0014808	0.00031134	mg/L	21.03%
Zn 206.200	657.4	0.0057808	0.00013842	mg/L	2.39%
Na 330.237	775.5	-4.96176	0.022786	mg/L	0.46%
*QC exceeds lower limit for Na 330.237 Action = Continue					
Ti 334.941	-1623.2	-0.0032393	0.00012614	mg/L	3.89%
Mo 202.030	-225.7	-0.0072345	0.00032048	mg/L	4.43%
Sn 189.933	-132.5	-0.0106815	0.00156351	mg/L	14.64%
Be 234.861	-7250.8	0.0000204	0.00009193	mg/L	451.56%
As 188.979	-61.6	-0.0006063	0.00048188	mg/L	79.48%
Sb 206.833	127.6	0.0003375	0.00003110	mg/L	9.22%
Cr 206.158	212.6	-0.0006626	0.00001556	mg/L	2.35%
Pb 220.353	-152.2	0.0046753	0.00265900	mg/L	56.87%
Ni 231.604	961.5	0.0058141	0.00045779	mg/L	7.87%
Tl 190.800	-65.6	-0.0021291	0.00469437	mg/L	220.49%

Mean Data

ID: ICSAB V-4506 Seq. No.: 23 Sample No.: 4 A/S Pos: 6
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 2:10:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	146912.8	1.00444	0.000485	mg/L				0.05%
Al 308.215	8024212.3	462.366	2.4660	mg/L				0.53%
Ba 233.527	23065.2	0.479571	0.0016521	mg/L				0.34%
Ca 315.887	17754003.0	444.584	2.4248	mg/L				0.55%
Cd 226.502	91435.7	0.911972	0.0012241	mg/L				0.13%
Co 228.616	15132.3	0.461637	0.0022588	mg/L				0.49%
Cu 324.754	71947.3	0.513126	0.0011047	mg/L				0.22%
Fe 273.955	2877264.8	175.779	0.2412	mg/L				0.14%
Mg 279.079	5755398.8	491.449	2.7789	mg/L				0.57%
Mn 257.610	224831.5	0.471795	0.0002987	mg/L				0.06%
Se 196.026	5309.0	0.947902	0.0022527	mg/L				0.24%
V 292.402	80888.7	0.452942	0.0002180	mg/L				0.05%
Zn 206.200	41750.0	0.885145	0.0035687	mg/L				0.40%
Na 330.237	2165.0	-0.758869	0.0306073	mg/L				4.03%
Ti 334.941	-1515.5	-0.0030243	0.00002140	mg/L				0.71%
Mo 202.030	-217.2	-0.0067616	0.00045768	mg/L				6.77%
Sn 189.933	-136.2	-0.0111237	0.00074442	mg/L				6.69%
Be 234.861	237668.4	0.478652	0.0001657	mg/L				0.03%
As 188.979	2612.0	1.01239	0.009936	mg/L				0.98%
Sb 206.833	3850.3	0.976972	0.0059453	mg/L				0.61%
Cr 206.158	12179.9	0.471060	0.0023506	mg/L				0.50%
Pb 220.353	4148.0	0.952177	0.0018654	mg/L				0.20%
Ni 231.604	20174.1	0.930278	0.0033791	mg/L				0.36%
Tl 190.800	1510.4	0.943034	0.0072242	mg/L				0.77%

Mean Data

ID: CCV V-4510 Seq. No.: 24 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 2:13:45 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	70066.5	0.479044	0.0017719	mg/L				0.37%
Al 308.215	95068.1	5.18225	0.016393	mg/L				0.32%
Ba 233.527	25279.3	0.525606	0.0023974	mg/L				0.46%
Ca 315.887	1986543.6	49.7457	0.26468	mg/L				0.53%
Cd 226.502	49697.5	0.502368	0.0025438	mg/L				0.51%
Co 228.616	16395.7	0.500177	0.0000217	mg/L				0.00%
Cu 324.754	72225.5	0.508260	0.0028984	mg/L				0.57%
Fe 273.955	83829.4	5.08587	0.020484	mg/L				0.40%
Mg 279.079	586884.3	50.1136	0.27490	mg/L				0.55%
Mn 257.610	242830.3	0.509564	0.0030180	mg/L				0.59%
Se 196.026	3001.4	0.501278	0.0003346	mg/L				0.07%

Element	Conc.	Std.Dev.	Units	RSD
V 292.402	82742.4	0.499424	0.0027834 mg/L	0.56%
Zn 206.200	24355.9	0.512918	0.0017275 mg/L	0.34%
Na 330.237	35176.4	49.6818	0.29647 mg/L	0.60%
Ti 334.941	247945.2	0.494796	0.0029810 mg/L	0.60%
Mo 202.030	7740.8	0.491616	0.0009415 mg/L	0.19%
Sn 189.933	4290.2	0.508462	0.0013303 mg/L	0.26%
Be 234.861	256146.2	0.500706	0.0029952 mg/L	0.60%
As 188.979	1336.1	0.518381	0.0009074 mg/L	0.18%
Sb 206.833	2008.4	0.507263	0.0010752 mg/L	0.21%
Cr 206.158	13468.4	0.515424	0.0041328 mg/L	0.80%
Pb 220.353	2309.2	0.505365	0.0013788 mg/L	0.27%
Ni 231.604	10605.9	0.508382	0.0011626 mg/L	0.23%
Tl 190.800	762.8	0.499995	0.0028270 mg/L	0.57%

001570

 Mean Data
 ID: CCB
 Sample Qty: 1.0000 g
 Seq. No.: 25
 Prep. Vol.: 1.0 L
 Data: Original
 Sample No.: 6
 Dilution: 1.0: 1.0
 A/S Pos: 1
 Date: 7/29/05 2:16:49 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-141.1	-0.0009649	0.00016198	mg/L				16.79%
Al 308.215	5861.3	0.0380401	0.00038586	mg/L				1.01%
Ba 233.527	36.5	0.0007594	0.00000348	mg/L				0.46%
Ca 315.887	-16034.0	-0.401513	0.0085574	mg/L				2.13%
Cd 226.502	-191.4	-0.0019351	0.00000656	mg/L				0.34%
Co 228.616	-95.1	-0.0029016	0.00011877	mg/L				4.09%
Cu 324.754	7873.4	0.0024297	0.00014063	mg/L				5.79%
Fe 273.955	393.4	-0.0124887	0.00088923	mg/L				7.12%
Mg 279.079	143.8	0.0122816	0.00202083	mg/L				16.45%
Mn 257.610	420.0	0.0008813	0.00002344	mg/L				2.66%
Se 196.026	50.5	-0.0003672	0.00074694	mg/L				203.39%
V 292.402	-196.3	-0.0012008	0.00027734	mg/L				23.10%
Zn 206.200	190.5	-0.0042109	0.00016340	mg/L				3.88%
Na 330.237	856.9	1.17778	0.038267	mg/L				3.25%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-124.8	-0.0002491	0.00004289	mg/L				17.22%
Mo 202.030	-106.5	-0.0067653	0.00004905	mg/L				0.72%
Sn 189.933	-35.6	0.0006876	0.00027621	mg/L				40.17%
Be 234.861	-347.5	-0.0006792	0.00001378	mg/L				2.03%
As 188.979	-36.8	-0.0018476	0.00101669	mg/L				55.03%
Sb 206.833	76.3	0.0003412	0.00060537	mg/L				177.40%
Cr 206.158	149.9	-0.0031031	0.00014240	mg/L				4.59%
Pb 220.353	18.9	0.0008524	0.00072125	mg/L				84.62%
Ni 231.604	-3.1	-0.0019667	0.00014143	mg/L				7.19%
Tl 190.800	-59.0	0.0018362	0.00128540	mg/L				70.00%

 Mean Data
 ID: 18778-021
 Sample Qty: 1.0000 mL
 Seq. No.: 26
 Prep. Vol.: 1.0 mL
 Data: Original
 Sample No.: 11
 Dilution: 1.0: 1.0
 A/S Pos: 19
 Date: 7/29/05 2:19:58 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2171.0	-0.0013384	0.00033777	mg/L	-0.0013384	0.00033777	mg/L	25.24%
Al 308.215	992341.9	56.9245	0.15123	mg/L	56.9245	0.15123	mg/L	0.27%
Ba 233.527	24592.4	0.511323	0.0011431	mg/L	0.511323	0.0011431	mg/L	0.22%
Ca 315.887	298208.2	7.46753	0.034642	mg/L	7.46753	0.034642	mg/L	0.46%
Cd 226.502	527.7	-0.0009010	0.00006346	mg/L	-0.0009010	0.00006346	mg/L	7.04%
Co 228.616	1658.2	0.0505855	0.00022490	mg/L	0.0505855	0.00022490	mg/L	0.44%
Cu 324.754	17245.3	0.0760962	0.00041631	mg/L	0.0760962	0.00041631	mg/L	0.55%
Fe 273.955	1458030.1	89.0564	0.36377	mg/L	89.0564	0.36377	mg/L	0.41%
Mg 279.079	236757.9	20.2166	0.09968	mg/L	20.2166	0.09968	mg/L	0.49%
Mn 257.610	551178.3	1.15661	0.003453	mg/L	1.15661	0.003453	mg/L	0.30%
Se 196.026	-52.0	0.0133669	0.00135877	mg/L	0.0133669	0.00135877	mg/L	10.17%
V 292.402	23206.3	0.154464	0.0011476	mg/L	0.154464	0.0011476	mg/L	0.74%
Zn 206.200	27133.0	0.572348	0.0035865	mg/L	0.572348	0.0035865	mg/L	0.63%
Na 330.237	738.1	3.09325	0.011134	mg/L	3.09325	0.011134	mg/L	0.36%
Ti 334.941	1178728.6	2.35226	0.005805	mg/L	2.35226	0.005805	mg/L	0.25%
Mo 202.030	-106.3	-0.0067505	0.00033705	mg/L	-0.0067505	0.00033705	mg/L	4.99%
Sn 189.933	243.7	0.0401931	0.00013192	mg/L	0.0401931	0.00013192	mg/L	0.33%
Be 234.861	-2115.9	0.0029904	0.00001441	mg/L	0.0029904	0.00001441	mg/L	0.48%

Dak K121 S6207B
S6207B

Bakh 6207 (Soil)

Method: PE1 Axial

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Date: 7/29/05

4:12:04 PM

Analysis of K-Std 7/29/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6207B

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6207b

User: User1

Date: 7/29/05

4:04:33 PM

Method Description: 200.7/SW846

2nd Rev: CDR styles

Mean Data

ID: Calib Blank 1

Seq. No.: 1

A/S Pos: 1

Data: Original

Date: 7/29/05

4:05:57 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-77.3	17.06	22.08%	0	0 mg/L
Al 308.215	5939.6	73.09	1.23%	0	0 mg/L
Ba 233.527	17.8	0.06	0.36%	0	0 mg/L
Ca 315.887	-16399.7	106.20	0.65%	0	0 mg/L
Cd 226.502	-210.7	7.85	3.73%	0	0 mg/L
Co 228.616	-98.6	3.29	3.34%	0	0 mg/L
Cu 324.754	7703.7	74.98	0.97%	0	0 mg/L
Fe 273.955	278.3	12.27	4.41%	0	0 mg/L
Mg 279.079	36.0	38.75	107.61%	0	0 mg/L
Mn 257.610	412.2	10.79	2.62%	0	0 mg/L
Se 196.026	56.7	6.19	10.92%	0	0 mg/L
V 292.402	-217.3	15.61	7.18%	0	0 mg/L
Zn 206.200	130.9	7.64	5.83%	0	0 mg/L
Na 330.237	848.8	41.68	4.91%	0	0 mg/L
Ti 334.941	-130.9	9.41	7.19%	0	0 mg/L
Mo 202.030	-113.8	1.27	1.11%	0	0 mg/L
Sn 189.933	-31.0	0.44	1.41%	0	0 mg/L
Be 234.861	-367.9	9.54	2.59%	0	0 mg/L
As 188.979	-36.1	2.89	7.99%	0	0 mg/L
Sb 206.833	75.4	2.63	3.49%	0	0 mg/L
Cr 206.158	147.6	3.51	2.38%	0	0 mg/L
Pb 220.353	14.6	2.15	14.69%	0	0 mg/L
Ni 231.604	-2.5	1.38	56.14%	0	0 mg/L
Tl 190.800	-67.0	0.48	0.71%	0	0 mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

A/S Pos: 160

Data: Original

Date: 7/29/05

4:08:42 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1271.1	18.57	1.46%	0.010	mg/L
Al 308.215	7544.6	58.82	0.78%	0.10	mg/L
Ba 233.527	523.9	5.28	1.01%	0.010	mg/L
Ca 315.887	21473.3	340.69	1.59%	1.0	mg/L
Cd 226.502	791.2	6.83	0.86%	0.010	mg/L
Co 228.616	242.8	0.09	0.04%	0.010	mg/L
Cu 324.754	8685.6	52.42	0.60%	0.010	mg/L
Fe 273.955	1926.1	8.86	0.46%	0.10	mg/L
Mg 279.079	11159.6	78.57	0.70%	1.0	mg/L
Mn 257.610	5923.5	59.34	1.00%	0.010	mg/L
Se 196.026	106.0	12.86	12.13%	0.010	mg/L
V 292.402	1442.5	36.94	2.56%	0.010	mg/L
Zn 206.200	647.9	2.91	0.45%	0.010	mg/L
Na 330.237	1414.7	62.27	4.40%	1.0	mg/L
Ti 334.941	4789.1	98.32	2.05%	0.010	mg/L
Mo 202.030	49.4	3.04	6.16%	0.010	mg/L
Sn 189.933	45.2	9.24	20.43%	0.010	mg/L
Be 234.861	4636.8	1.24	0.03%	0.010	mg/L
As 188.979	-8.5	2.67	31.53%	0.010	mg/L
Sb 206.833	118.6	1.01	0.85%	0.010	mg/L
Cr 206.158	412.3	1.16	0.28%	0.010	mg/L
Pb 220.353	54.9	8.76	15.95%	0.010	mg/L
Ni 231.604	219.2	3.82	1.74%	0.010	mg/L
Tl 190.800	-49.6	2.92	5.89%	0.010	mg/L

6207
 18778-021
 ↓
 18718-024
 18716-001
 18797-001
 18810-001
 ↓
 18810-003
 18802-001
 ↓
 18802-004
 MS CB
 LOW

were run.
 all elements
 were reprod.

Mean Data

ID: Calib Std 2

Seq. No.: 3

A/S Pos: 3

Data: Original

Date: 7/29/05

4:11:33 PM

001005

Element	Mean Corr.			Calib	
	Intensity	Std.Dev.	RSD	Conc.	Units
Ag 328.068	71278.0	488.79	0.69%	0.50	mg/L
Al 308.215	89075.7	726.71	0.82%	5.0	mg/L
Ba 233.527	24751.8	192.25	0.78%	0.50	mg/L
Ca 315.887	1925571.9	13933.44	0.72%	50	mg/L
Cd 226.502	49117.0	390.01	0.79%	0.50	mg/L
Co 228.616	16192.5	8.91	0.06%	0.50	mg/L
Cu 324.754	71362.2	532.64	0.75%	0.50	mg/L
Fe 273.955	81913.3	672.26	0.82%	5.0	mg/L
Mg 279.079	563817.4	4404.64	0.78%	50	mg/L
Mn 257.610	233816.1	1609.87	0.69%	0.50	mg/L
Se 196.026	2968.9	7.86	0.26%	0.50	mg/L
V 292.402	81096.8	615.58	0.76%	0.50	mg/L
Zn 206.200	23809.7	177.02	0.74%	0.50	mg/L
Na 330.237	33865.0	177.07	0.52%	50	mg/L
Ti 334.941	242212.2	1968.24	0.81%	0.50	mg/L
Mo 202.030	7765.3	9.63	0.12%	0.50	mg/L
Sn 189.933	4139.7	28.70	0.69%	0.50	mg/L
Be 234.861	251664.1	1968.33	0.78%	0.50	mg/L
As 188.979	1304.4	4.98	0.38%	0.50	mg/L
Sb 206.833	1973.0	3.93	0.20%	0.50	mg/L
Cr 206.158	13318.3	106.15	0.80%	0.50	mg/L
Pb 220.353	2258.1	6.49	0.29%	0.50	mg/L
Ni 231.604	10578.0	17.03	0.16%	0.50	mg/L
Tl 190.800	726.2	0.24	0.03%	0.50	mg/L

Mean Data

ID: Calib-Std 3

Seq. No.: 4

A/S Pos: 2

Data: Original

Date: 7/29/05

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Element	Mean Corr.			Calib	
	Intensity	Std.Dev.	RSD	Conc.	Units
Ag 328.068	142587.7	212.44	0.15%	1.0	mg/L
Al 308.215	176443.6	71.07	0.04%	10	mg/L
Ba 233.527	48108.2	89.61	0.19%	1.0	mg/L
Ca 315.887	3790487.2	8779.04	0.23%	100	mg/L
Cd 226.502	95906.7	212.70	0.22%	1.0	mg/L
Co 228.616	31926.6	133.23	0.42%	1.0	mg/L
Cu 324.754	135693.3	149.42	0.11%	1.0	mg/L
Fe 273.955	160229.3	284.10	0.18%	10	mg/L
Mg 279.079	1129897.1	2645.25	0.23%	100	mg/L
Mn 257.610	457204.6	641.02	0.14%	1.0	mg/L
Se 196.026	5874.8	33.29	0.57%	1.0	mg/L
V 292.402	158739.4	196.90	0.12%	1.0	mg/L
Zn 206.200	45529.7	172.54	0.38%	1.0	mg/L
Na 330.237	72408.5	209.00	0.29%	100	mg/L
Ti 334.941	477210.8	747.06	0.16%	1.0	mg/L
Mo 202.030	15429.1	38.04	0.25%	1.0	mg/L
Sn 189.933	8316.0	66.22	0.80%	1.0	mg/L
Be 234.861	495823.1	1051.16	0.21%	1.0	mg/L
As 188.979	2608.2	10.79	0.41%	1.0	mg/L
Sb 206.833	3853.2	10.91	0.28%	1.0	mg/L
Cr 206.158	25689.1	61.13	0.24%	1.0	mg/L
Pb 220.353	4480.4	12.95	0.29%	1.0	mg/L
Ni 231.604	20843.2	81.10	0.39%	1.0	mg/L
Tl 190.800	1530.3	10.47	0.68%	1.0	mg/L

Calibration Summary

Method: PE1 Axial

Date: 7/29/05

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Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	142580.1	0.00000	0.999999
Al 308.215	3	Linear	5509.1	17017.7	0.00000	0.999919
Ba 233.527	3	Linear-thru-Zero	0.0	48387.6	0.00000	0.999877
Ca 315.887	3	Linear-thru-Zero	0.0	38024.9	0.00000	0.999949
Cd 226.502	3	Linear-thru-Zero	0.0	96370.8	0.00000	0.999912
Co 228.616	3	Linear-thru-Zero	0.0	32017.7	0.00000	0.999966
Cu 324.754	3	Linear	7507.2	128090.1	0.00000	0.999996

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Element	Conc.	Method	Mean	Std. Dev.	Calib	Mean Conc.	RSD
Fe 273.955	3	Linear	602.3	16022.4	0.00000	0.999943	
Mg 279.079	3	Linear-thru-Zero	0.0	11294.4	0.00000	0.999999	
Mn 257.610	3	Linear-thru-Zero	0.0	459300.8	0.00000	0.999918	
Se 196.026	3	Linear	53.2	5823.5	0.00000	0.999999	
V 292.402	3	Linear-thru-Zero	0.0	159429.1	0.00000	0.999930	
Zn 206.200	3	Linear	337.8	45541.1	0.00000	0.999760	
Na 330.237	3	Linear-thru-Zero	0.0	714.8	0.00000	0.999299	
Ti 334.941	3	Linear-thru-Zero	0.0	478653.5	0.00000	0.999967	
Mo 202.030	3	Linear-thru-Zero	0.0	15448.6	0.00000	0.999960	
Sn 189.933	3	Linear	-34.8	8350.4	0.00000	1.000000	
Be 234.861	3	Linear-thru-Zero	0.0	497321.4	0.00000	0.999966	
As 188.979	3	Linear	-32.2	2647.0	0.00000	0.999975	
Sb 206.833	3	Linear	79.4	3776.5	0.00000	0.999997	
Cr 206.158	3	Linear	224.6	25608.6	0.00000	0.999871	
Pb 220.353	3	Linear	14.6	4470.1	0.00000	0.999996	
Ni 231.604	3	Linear	32.2	20866.9	0.00000	0.999971	
Tl 190.800	3	Linear	-67.4	1595.5	0.00000	0.999993	

Mean Data

ID: ICS V-4509 Seq. No.: 5 Sample No.: 7 A/S Pos: 2
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:16:46 PM

Element	Mean Corr. Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Sample Std. Dev. Units	RSD
Ag 328.068	142557.8	1.00505	0.001804	mg/L			0.18%
Al 308.215	176254.7	10.0334	0.01987	mg/L			0.20%
Ba 233.527	47797.7	0.987809	0.0048266	mg/L			0.49%
Ca 315.887	3793509.8	99.7639	0.15709	mg/L			0.16%
Cd 226.502	95883.1	0.994940	0.0010812	mg/L			0.11%
Co 228.616	31750.3	0.991650	0.0028550	mg/L			0.29%
Cu 324.754	135492.7	0.999183	0.0032657	mg/L			0.33%
Fe 273.955	160125.2	9.95625	0.014741	mg/L			0.15%
Mg 279.079	1130476.6	100.091	0.2216	mg/L			0.22%
Mn 257.610	457207.0	0.995441	0.0023381	mg/L			0.23%
Se 196.026	5827.1	0.991467	0.0084331	mg/L			0.85%
V 292.402	158789.5	0.987943	0.0027221	mg/L			0.28%
Zn 206.200	45320.6	0.987741	0.0038642	mg/L			0.39%
Na 330.237	72325.0	104.289	0.0440	mg/L			0.04%
Ti 334.941	477296.4	0.997165	0.0021095	mg/L			0.21%
Mo 202.030	15339.7	0.992952	0.0027232	mg/L			0.27%
Sn 189.933	8295.5	0.997592	0.0020737	mg/L			0.21%
Be 234.861	496079.7	0.997503	0.0022067	mg/L			0.22%
As 188.979	2599.0	0.994077	0.0006958	mg/L			0.07%
Sb 206.833	3833.2	0.993808	0.0029917	mg/L			0.30%
Cr 206.158	25574.3	0.996366	0.0037555	mg/L			0.38%
Pb 220.353	4449.1	0.992042	0.0053060	mg/L			0.53%
Ni 231.604	20684.6	0.989717	0.0031769	mg/L			0.32%
Tl 190.800	1542.4	1.01219	0.001956	mg/L			0.19%

Mean Data

ID: ICV V-4847 (2) Seq. No.: 6 Sample No.: 1 A/S Pos: 159
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:19:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Sample Std. Dev. Units	RSD
Ag 328.068	142764.3	1.00655	0.002150	mg/L			0.21%
Al 308.215	182351.3	10.3917	0.05430	mg/L			0.52%
Ba 233.527	49322.4	1.01932	0.004390	mg/L			0.43%
Ca 315.887	3835934.2	100.880	0.4614	mg/L			0.46%
Cd 226.502	96794.3	1.00439	0.004152	mg/L			0.41%
Co 228.616	31779.6	0.992564	0.0056918	mg/L			0.57%
Cu 324.754	137271.2	1.01307	0.002948	mg/L			0.29%
Fe 273.955	162305.3	10.0923	0.04134	mg/L			0.41%
Mg 279.079	1152788.1	102.067	0.4303	mg/L			0.42%
Mn 257.610	465796.0	1.01414	0.004773	mg/L			0.47%
Se 196.026	5835.1	0.992851	0.0069624	mg/L			0.70%
V 292.402	161041.7	1.00180	0.004609	mg/L			0.46%
Zn 206.200	45854.9	0.999473	0.0020841	mg/L			0.21%
Na 330.237	74263.5	107.037	0.3930	mg/L			0.37%
Ti 334.941	482368.8	1.00776	0.004221	mg/L			0.42%

Mo 202.030	15333.7	0.992566	0.0044147	mg/L	0.44%
Sn 189.933	8379.7	1.00768	0.003720	mg/L	0.37%
Be 234.861	500710.0	1.00681	0.004015	mg/L	0.40%
As 188.979	2632.7	1.00681	0.010484	mg/L	1.04%
Sb 206.833	3842.8	0.996296	0.0044600	mg/L	0.45%
Cr 206.158	25750.5	1.00333	0.004141	mg/L	0.41%
Pb 220.353	4516.6	1.00715	0.003051	mg/L	0.30%
Ni 231.604	20815.9	0.996012	0.0047775	mg/L	0.48%
Pb 190.800	1538.7	1.00991	0.005260	mg/L	0.52%

Mean Data

ID: ICB V-5157 Seq. No.: 7 Sample No.: 2 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:21:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-77.0	-0.0005398	0.00008065	mg/L				14.94%
Al 308.215	5934.1	0.0249737	0.00022930	mg/L				0.92%
Ba 233.527	25.9	0.0005347	0.00001750	mg/L				3.27%
Ca 315.887	-16228.8	-0.426795	0.0071093	mg/L				1.67%
Cd 226.502	-209.1	-0.0021695	0.00007047	mg/L				3.25%
Co 228.616	-95.8	-0.0029915	0.00009676	mg/L				3.23%
Cu 324.754	7840.1	0.0025993	0.00010750	mg/L				4.14%
Fe 273.955	267.5	-0.0208960	0.00010554	mg/L				0.51%
Mg 279.079	44.5	0.0039397	0.00092734	mg/L				23.54%
Mn 257.610	418.1	0.0009103	0.00001057	mg/L				1.16%
Se 196.026	54.4	0.0002024	0.00055087	mg/L				272.15%
V 292.402	-201.6	-0.0012647	0.00000352	mg/L				0.28%
Zn 206.200	163.5	-0.0038278	0.00016016	mg/L				4.18%
Na 330.237	891.9	1.24778	0.056506	mg/L				4.53%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-158.0	-0.0003302	0.00008848	mg/L				26.80%
Mo 202.030	-102.0	-0.0066012	0.00002503	mg/L				0.38%
Sn 189.933	-11.4	0.0028008	0.00018380	mg/L				6.56%
Be 234.861	-344.9	-0.0006935	0.00000520	mg/L				0.75%
As 188.979	-35.5	-0.0012382	0.00183045	mg/L				147.83%
Sb 206.833	75.9	-0.0009165	0.00058243	mg/L				63.55%
Cr 206.158	150.5	-0.0028937	0.00014489	mg/L				5.01%
Pb 220.353	14.8	0.0000448	0.00074356	mg/L				>999.9%
Ni 231.604	-0.9	-0.0015874	0.00007020	mg/L				4.42%
Tl 190.800	-62.4	0.0030880	0.00138357	mg/L				44.81%

Mean Data

ID: ICSA V-4505 Seq. No.: 8 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:25:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-41.9	-0.0002939	0.00006947	mg/L				23.64%
Al 308.215	7896463.0	463.606	1.2776	mg/L				0.28%
Ba 233.527	-7.4	-0.0001522	0.00006533	mg/L				42.93%
Ca 315.887	17312030.7	455.282	1.5318	mg/L				0.34%
Cd 226.502	1242.0	0.0004179	0.00013484	mg/L				32.26%
Co 228.616	157.4	0.0049161	0.00040462	mg/L				8.23%
Cu 324.754	6783.6	0.0014978	0.00008755	mg/L				5.85%
Fe 273.955	2854266.1	178.105	0.1896	mg/L				0.11%
Mg 279.079	5634775.0	498.898	1.6752	mg/L				0.34%
Mn 257.610	1883.8	0.0041016	0.00003659	mg/L				0.89%
Se 196.026	-207.8	0.0103010	0.00039949	mg/L				3.88%
V 292.402	6721.1	-0.0004560	0.00047927	mg/L				105.11%
Zn 206.200	631.8	0.0064550	0.00001803	mg/L				0.28%
Na 330.237	810.1	-4.98394	0.040059	mg/L				0.80%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1617.4	-0.0033790	0.00004217	mg/L				1.25%
Mo 202.030	-224.8	-0.0074260	0.00000264	mg/L				0.04%
Sn 189.933	-121.1	-0.0103290	0.00229975	mg/L				22.26%
Be 234.861	-7788.4	-0.0014082	0.00001691	mg/L				1.20%
As 188.979	-64.2	-0.0013832	0.00293411	mg/L				212.13%
Sb 206.833	128.7	-0.0005327	0.00097643	mg/L				183.29%
Cr 206.158	207.3	-0.0006753	0.00053909	mg/L				79.83%

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Pb 220.353	-162.4	0.0024393	0.00095030 mg/L	38.96%
Ni 231.604	953.1	0.0053179	0.00006180 mg/L	1.16%
Tl 190.800	-67.8	-0.0002677	0.00516930 mg/L	>999.9%

Mean Data

ID: ICSAB V-4506 Seq. No.: 9 Sample No.: 4 A/S Pos: 6
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:28:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	144213.7	1.01146	0.004274	mg/L				0.42%
Al 308.215	7848243.3	460.798	1.6106	mg/L				0.35%
Ba 233.527	23017.2	0.475684	0.0014918	mg/L				0.31%
Ca 315.887	17173420.3	451.637	0.9413	mg/L				0.21%
Cd 226.502	90132.3	0.922825	0.0056295	mg/L				0.61%
Co 228.616	14834.6	0.463324	0.0001422	mg/L				0.03%
Cu 324.754	71752.7	0.508695	0.0006063	mg/L				0.12%
Fe 273.955	2847766.3	177.699	0.8320	mg/L				0.47%
Mg 279.079	5595151.8	495.390	1.3198	mg/L				0.27%
Mn 257.610	219759.5	0.478465	0.0021626	mg/L				0.45%
Se 196.026	5253.4	0.947998	0.0038672	mg/L				0.41%
V 292.402	80046.0	0.459884	0.0038406	mg/L				0.84%
Zn 206.200	40933.5	0.891408	0.0004882	mg/L				0.05%
Na 330.237	2066.9	-0.872938	0.1802831	mg/L				20.65%
Ti 334.941	-1507.1	-0.0031486	0.00011739	mg/L				3.73%
Mo 202.030	-221.2	-0.0072107	0.00007395	mg/L				1.03%
Sn 189.933	-139.6	-0.0125513	0.00035256	mg/L				2.81%
Be 234.861	232782.7	0.482293	0.0018243	mg/L				0.38%
As 188.979	2591.0	1.00172	0.007583	mg/L				0.76%
Sb 206.833	3826.3	0.978655	0.0007038	mg/L				0.07%
Cr 206.158	12076.3	0.468646	0.0012974	mg/L				0.28%
Pb 220.353	4061.4	0.947065	0.0021457	mg/L				0.23%
Ni 231.604	20165.5	0.926142	0.0018369	mg/L				0.20%
Tl 190.800	1474.4	0.966278	0.0090010	mg/L				0.93%

Mean Data

ID: 18797-001 Seq. No.: 10 Sample No.: 1 A/S Pos: 24
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:31:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2056.0	-0.0021403	0.00015810	mg/L	-0.0021403	0.00015810	mg/L	7.39%
Al 308.215	1435042.9	84.0028	0.10388	mg/L	84.0028	0.10388	mg/L	0.12%
Ba 233.527	33791.1	0.698343	0.0007638	mg/L	0.698343	0.0007638	mg/L	0.11%
Ca 315.887	2095654.0	55.1127	0.15308	mg/L	55.1127	0.15308	mg/L	0.28%
Cd 226.502	1603.8	0.0028006	0.00027527	mg/L	0.0028006	0.00027527	mg/L	9.83%
Co 228.616	3919.0	0.122400	0.0006343	mg/L	0.122400	0.0006343	mg/L	0.52%
Cu 324.754	109533.3	0.804451	0.0013490	mg/L	0.804451	0.0013490	mg/L	0.17%
Fe 273.955	3168110.8	197.693	0.6316	mg/L	197.693	0.6316	mg/L	0.32%
Mg 279.079	412653.3	36.5360	0.06023	mg/L	36.5360	0.06023	mg/L	0.16%
Mn 257.610	1728590.6	3.76353	0.008055	mg/L	3.76353	0.008055	mg/L	0.21%
Se 196.026	-180.2	0.0291022	0.00099221	mg/L	0.0291022	0.00099221	mg/L	3.41%
V 292.402	43097.4	0.298047	0.0001299	mg/L	0.298047	0.0001299	mg/L	0.04%
Zn 206.200	114425.4	2.50515	0.003508	mg/L	2.50515	0.003508	mg/L	0.14%
Na 330.237	5958.0	14.6096	0.26647	mg/L	14.6096	0.26647	mg/L	1.82%
Ti 334.941	1125653.5	2.35171	0.002138	mg/L	2.35171	0.002138	mg/L	0.09%
Mo 202.030	60.5	0.0118234	0.00034089	mg/L	0.0118234	0.00034089	mg/L	2.88%
Sn 189.933	1284.1	0.164654	0.0001776	mg/L	0.164654	0.0001776	mg/L	0.11%
Be 234.861	-5399.8	0.0049622	0.00009040	mg/L	0.0049622	0.00009040	mg/L	1.82%
As 188.979	-8.8	0.0207107	0.00100653	mg/L	0.0207107	0.00100653	mg/L	4.86%
Sb 206.833	182.1	0.0271958	0.00009302	mg/L	0.0271958	0.00009302	mg/L	0.34%
Cr 206.158	13513.7	0.535351	0.0020841	mg/L	0.535351	0.0020841	mg/L	0.39%
Pb 220.353	4156.1	0.927506	0.0029981	mg/L	0.927506	0.0029981	mg/L	0.32%
Ni 231.604	8813.3	0.385731	0.0017804	mg/L	0.385731	0.0017804	mg/L	0.46%
Tl 190.800	-101.9	0.0000685	0.00403906	mg/L	0.0000685	0.00403906	mg/L	>999.9%

Mean Data

ID: 18810-001 Seq. No.: 11 Sample No.: 2 A/S Pos: 25
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:34:27 PM

001500

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-991.0	-0.0011762	0.00013593	mg/L	-0.0011762	0.00013593	mg/L	11.56%
Al 308.215	513354.7	29.8422	0.24972	mg/L	29.8422	0.24972	mg/L	0.84%
Ba 233.527	11398.9	0.235575	0.0022918	mg/L	0.235575	0.0022918	mg/L	0.97%
Ca 315.887	251678.2	6.61878	0.048755	mg/L	6.61878	0.048755	mg/L	0.74%
Cd 226.502	196.5	-0.0019173	0.00002485	mg/L	-0.0019173	0.00002485	mg/L	1.30%
Co 228.616	587.8	0.0183579	0.00002196	mg/L	0.0183579	0.00002196	mg/L	0.12%
Cu 324.754	15372.8	0.0614068	0.00019172	mg/L	0.0614068	0.00019172	mg/L	0.31%
Fe 273.955	905973.6	56.5067	0.45636	mg/L	56.5067	0.45636	mg/L	0.81%
Mg 279.079	92372.1	8.17855	0.045989	mg/L	8.17855	0.045989	mg/L	0.56%
Mn 257.610	417411.4	0.908797	0.0067778	mg/L	0.908797	0.0067778	mg/L	0.75%
Se 196.026	4.2	0.0113535	0.00203645	mg/L	0.0113535	0.00203645	mg/L	17.94%
V 292.402	12991.1	0.0894095	0.00066788	mg/L	0.0894095	0.00066788	mg/L	0.75%
Zn 206.200	5334.3	0.109715	0.0001214	mg/L	0.109715	0.0001214	mg/L	0.11%
Na 330.237	1377.5	2.52371	0.038811	mg/L	2.52371	0.038811	mg/L	1.54%
Ti 334.941	529340.2	1.10589	0.023722	mg/L	1.10589	0.023722	mg/L	2.15%
Mo 202.030	-120.2	-0.0077805	0.00019916	mg/L	-0.0077805	0.00019916	mg/L	2.56%
Sn 189.933	174.3	0.0250415	0.00050938	mg/L	0.0250415	0.00050938	mg/L	2.03%
Be 234.861	-1927.5	0.0006461	0.00000851	mg/L	0.0006461	0.00000851	mg/L	1.32%
As 188.979	-37.7	-0.0020704	0.00014145	mg/L	-0.0020704	0.00014145	mg/L	6.83%
Sb 206.833	88.5	0.0024198	0.00166954	mg/L	0.0024198	0.00166954	mg/L	68.99%
Cr 206.158	1577.4	0.0528266	0.00017275	mg/L	0.0528266	0.00017275	mg/L	0.33%
Pb 220.353	166.2	0.0339319	0.00121991	mg/L	0.0339319	0.00121991	mg/L	3.60%
Ni 231.604	1189.3	0.0454252	0.00052987	mg/L	0.0454252	0.00052987	mg/L	1.17%
Tl 190.800	-87.5	-0.0023995	0.00031490	mg/L	-0.0023995	0.00031490	mg/L	13.12%

Mean Data

ID: 18810-002	Seq. No.: 12	Sample No.: 3	A/S Pos: 26
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0: 1.0	Date: 7/29/05 4:37:20 PM
	Data: Original		

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2022.8	-0.0031708	0.00020262	mg/L	-0.0031708	0.00020262	mg/L	6.39%
Al 308.215	1112628.5	65.0570	0.50210	mg/L	65.0570	0.50210	mg/L	0.77%
Ba 233.527	16174.4	0.334268	0.0001693	mg/L	0.334268	0.0001693	mg/L	0.05%
Ca 315.887	300502.4	7.90279	0.062258	mg/L	7.90279	0.062258	mg/L	0.79%
Cd 226.502	720.8	-0.0016592	0.00006508	mg/L	-0.0016592	0.00006508	mg/L	3.92%
Co 228.616	1562.9	0.0488149	0.00005311	mg/L	0.0488149	0.00005311	mg/L	0.11%
Cu 324.754	18513.5	0.0911642	0.00017729	mg/L	0.0911642	0.00017729	mg/L	0.19%
Fe 273.955	2092040.0	130.532	0.9407	mg/L	130.532	0.9407	mg/L	0.72%
Mg 279.079	272170.9	24.0978	0.18874	mg/L	24.0978	0.18874	mg/L	0.78%
Mn 257.610	681329.2	1.48341	0.010747	mg/L	1.48341	0.010747	mg/L	0.72%
Se 196.026	-94.8	0.0202666	0.00024369	mg/L	0.0202666	0.00024369	mg/L	1.20%
V 292.402	25031.4	0.175312	0.0012921	mg/L	0.175312	0.0012921	mg/L	0.74%
Zn 206.200	11924.1	0.254414	0.0004913	mg/L	0.254414	0.0004913	mg/L	0.19%
Na 330.237	1213.4	2.50406	0.018529	mg/L	2.50406	0.018529	mg/L	0.74%
Ti 334.941	1009890.1	2.10986	0.010765	mg/L	2.10986	0.010765	mg/L	0.51%
Mo 202.030	-123.4	-0.0027627	0.00021717	mg/L	-0.0027627	0.00021717	mg/L	7.86%
Sn 189.933	284.6	0.0442706	0.00027967	mg/L	0.0442706	0.00027967	mg/L	0.63%
Be 234.861	-4400.1	0.0015980	0.00004580	mg/L	0.0015980	0.00004580	mg/L	2.87%
As 188.979	-38.9	0.0052968	0.00104456	mg/L	0.0052968	0.00104456	mg/L	19.72%
Sb 206.833	92.2	0.0033958	0.00092866	mg/L	0.0033958	0.00092866	mg/L	27.35%
Cr 206.158	3313.9	0.120634	0.0001201	mg/L	0.120634	0.0001201	mg/L	0.10%
Pb 220.353	259.6	0.0548146	0.00052421	mg/L	0.0548146	0.00052421	mg/L	0.96%
Ni 231.604	3014.6	0.119762	0.0005889	mg/L	0.119762	0.0005889	mg/L	0.49%
Tl 190.800	-107.0	-0.0053515	0.00090836	mg/L	-0.0053515	0.00090836	mg/L	16.97%

Mean Data

ID: 18810-003	Seq. No.: 13	Sample No.: 4	A/S Pos: 27
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0: 1.0	Date: 7/29/05 4:40:06 PM
	Data: Original		

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-67.4	-0.0004731	0.00018356	mg/L	-0.0004731	0.00018356	mg/L	38.80%
Al 308.215	12607.8	0.417136	0.0012218	mg/L	0.417136	0.0012218	mg/L	0.29%
Ba 233.527	85.8	0.0017740	0.00023061	mg/L	0.0017740	0.00023061	mg/L	13.00%
Ca 315.887	-3051.2	-0.0802414	0.01488984	mg/L	-0.0802414	0.01488984	mg/L	18.56%
Cd 226.502	-233.3	-0.0024213	0.00000911	mg/L	-0.0024213	0.00000911	mg/L	0.38%

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Co 228.616	-94.8	-0.0029623	0.00003016	mg/L	-0.0029623	0.00003016	mg/L	1.02%
Cu 324.754	11354.5	0.0300359	0.00035965	mg/L	0.0300359	0.00035965	mg/L	1.20%
Fe 273.955	7106.4	0.405939	0.0033542	mg/L	0.405939	0.0033542	mg/L	0.83%
Mg 279.079	446.2	0.0395105	0.00020956	mg/L	0.0395105	0.00020956	mg/L	0.53%
Mn 257.610	2537.2	0.0055241	0.00004109	mg/L	0.0055241	0.00004109	mg/L	0.74%
Se 196.026	66.4	0.0022664	0.00028526	mg/L	0.0022664	0.00028526	mg/L	12.59%
V 292.402	-198.3	-0.0012439	0.00003607	mg/L	-0.0012439	0.00003607	mg/L	2.90%
Zn 206.200	979.8	0.0140967	0.00026036	mg/L	0.0140967	0.00026036	mg/L	1.85%
Na 330.237	1285.1	1.79784	0.075700	mg/L	1.79784	0.075700	mg/L	4.21%
Ti 334.941	696.3	0.0014547	0.00005871	mg/L	0.0014547	0.00005871	mg/L	4.04%
Mo 202.030	-112.3	-0.0072687	0.00031457	mg/L	-0.0072687	0.00031457	mg/L	4.33%
Sn 189.933	303.3	0.0404856	0.00091935	mg/L	0.0404856	0.00091935	mg/L	2.27%
Be 234.861	-447.2	-0.0008993	0.00000181	mg/L	-0.0008993	0.00000181	mg/L	0.20%
As 188.979	-38.8	-0.0024742	0.00038649	mg/L	-0.0024742	0.00038649	mg/L	15.62%
Sb 206.833	81.9	0.0006517	0.00084271	mg/L	0.0006517	0.00084271	mg/L	129.32%
Cr 206.158	823.1	0.0233720	0.00011898	mg/L	0.0233720	0.00011898	mg/L	0.51%
Pb 220.353	15.4	0.0001949	0.00042884	mg/L	0.0001949	0.00042884	mg/L	219.98%
Ni 231.604	466.7	0.0208221	0.00035267	mg/L	0.0208221	0.00035267	mg/L	1.69%
Tl 190.800	-76.0	-0.0054013	0.00133171	mg/L	-0.0054013	0.00133171	mg/L	24.66%

Mean Data
 ID: MB FB (1) Seq. No.: 14 Sample No.: 5 A/S Pos: 32
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:42:51 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-102.8	-0.0007208	0.00001256	mg/L	-0.0007208	0.00001256	mg/L	1.74%
Al 308.215	7068.3	0.0916185	0.00072261	mg/L	0.0916185	0.00072261	mg/L	0.79%
Ba 233.527	35.3	0.0007289	0.00004671	mg/L	0.0007289	0.00004671	mg/L	6.41%
Ca 315.887	-13372.7	-0.351683	0.0020730	mg/L	-0.351683	0.0020730	mg/L	0.59%
Cd 226.502	-225.1	-0.0023359	0.00010781	mg/L	-0.0023359	0.00010781	mg/L	4.62%
Co 228.616	-101.4	-0.0031670	0.00005047	mg/L	-0.0031670	0.00005047	mg/L	1.59%
Cu 324.754	7812.9	0.0023864	0.00028638	mg/L	0.0023864	0.00028638	mg/L	12.00%
Fe 273.955	520.6	-0.0050949	0.00068251	mg/L	-0.0050949	0.00068251	mg/L	13.40%
Mg 279.079	268.8	0.0238037	0.00122392	mg/L	0.0238037	0.00122392	mg/L	5.14%
Mn 257.610	1021.3	0.0022236	0.00000697	mg/L	0.0022236	0.00000697	mg/L	0.31%
Se 196.026	72.5	0.0033025	0.00118950	mg/L	0.0033025	0.00118950	mg/L	36.02%
V 292.402	-189.4	-0.0011878	0.00013790	mg/L	-0.0011878	0.00013790	mg/L	11.61%
Zn 206.200	568.4	0.0050646	0.00011111	mg/L	0.0050646	0.00011111	mg/L	2.19%
Na 330.237	1146.3	1.60367	0.092118	mg/L	1.60367	0.092118	mg/L	5.74%
Ti 334.941	-2.9	-0.0000060	0.00002597	mg/L	-0.0000060	0.00002597	mg/L	431.56%
Mo 202.030	-125.7	-0.0081361	0.00032147	mg/L	-0.0081361	0.00032147	mg/L	3.95%
Sn 189.933	312.9	0.0416398	0.00071482	mg/L	0.0416398	0.00071482	mg/L	1.72%
Be 234.861	-398.2	-0.0008008	0.00000709	mg/L	-0.0008008	0.00000709	mg/L	0.89%
As 188.979	-36.9	-0.0017581	0.00035355	mg/L	-0.0017581	0.00035355	mg/L	20.11%
Sb 206.833	80.5	0.0002851	0.00019032	mg/L	0.0002851	0.00019032	mg/L	66.75%
Cr 206.158	171.8	-0.0020604	0.00020331	mg/L	-0.0020604	0.00020331	mg/L	9.87%
Pb 220.353	10.3	-0.0009467	0.00058969	mg/L	-0.0009467	0.00058969	mg/L	62.29%
Ni 231.604	89.9	0.0027624	0.00017353	mg/L	0.0027624	0.00017353	mg/L	6.28%
Tl 190.800	-71.5	-0.0026139	0.00146049	mg/L	-0.0026139	0.00146049	mg/L	55.87%

Mean Data
 ID: LCSW Seq. No.: 15 Sample No.: 6 A/S Pos: 33
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:45:44 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68037.6	0.477189	0.0038851	mg/L	0.477189	0.0038851	mg/L	0.81%
Al 308.215	88750.2	4.89145	0.060589	mg/L	4.89145	0.060589	mg/L	1.24%
Ba 233.527	25091.5	0.518553	0.0065856	mg/L	0.518553	0.0065856	mg/L	1.27%
Ca 315.887	1900606.7	49.9833	0.66677	mg/L	49.9833	0.66677	mg/L	1.33%
Cd 226.502	48264.3	0.500819	0.0057876	mg/L	0.500819	0.0057876	mg/L	1.16%
Co 228.616	15973.0	0.498881	0.0005391	mg/L	0.498881	0.0005391	mg/L	0.11%
Cu 324.754	71354.4	0.498456	0.0063590	mg/L	0.498456	0.0063590	mg/L	1.28%
Fe 273.955	81486.3	5.04819	0.057808	mg/L	5.04819	0.057808	mg/L	1.15%
Mg 279.079	563613.6	49.9019	0.65356	mg/L	49.9019	0.65356	mg/L	1.31%
Mn 257.610	234380.4	0.510298	0.0067274	mg/L	0.510298	0.0067274	mg/L	1.32%
Se 196.026	2779.6	0.468161	0.0002907	mg/L	0.468161	0.0002907	mg/L	0.06%
V 292.402	80687.1	0.499340	0.0065848	mg/L	0.499340	0.0065848	mg/L	1.32%
Zn 206.200	23799.6	0.515179	0.0060116	mg/L	0.515179	0.0060116	mg/L	1.17%

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Na	330.237	33854.1	48.7013	0.41204	mg/L	48.7013	0.41204	mg/L	0.85%
Pi	334.941	237795.4	0.496801	0.0059136	mg/L	0.496801	0.0059136	mg/L	1.19%
Mo	202.030	7604.5	0.492245	0.0010376	mg/L	0.492245	0.0010376	mg/L	0.21%
Sn	189.933	4425.6	0.534154	0.0009311	mg/L	0.534154	0.0009311	mg/L	0.17%
Be	234.861	244277.2	0.491186	0.0058227	mg/L	0.491186	0.0058227	mg/L	1.19%
As	188.979	1286.9	0.498345	0.0002709	mg/L	0.498345	0.0002709	mg/L	0.05%
Sb	206.833	1916.2	0.486368	0.0000161	mg/L	0.486368	0.0000161	mg/L	0.00%
Cr	206.158	13365.0	0.513124	0.0055269	mg/L	0.513124	0.0055269	mg/L	1.08%
Pb	220.353	2255.4	0.501292	0.0012912	mg/L	0.501292	0.0012912	mg/L	0.26%
Ni	231.604	10534.8	0.503312	0.0002204	mg/L	0.503312	0.0002204	mg/L	0.04%
Tl	190.800	716.5	0.491280	0.0032302	mg/L	0.491280	0.0032302	mg/L	0.66%

Mean Data

ID: ICSA V-4505	Seq. No.: 16	Sample No.: 3	A/S Pos: 5
Sample Qty: 1.0000 g	Prep. Vol.: 1.0 L	Dilution: 1.0: 1.0	Date: 7/29/05 4:50:41 PM
Data: Original			

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-2.9	-0.0000205	0.00017731	mg/L			863.26%
Al	308.215	7928123.8	465.467	0.6750	mg/L			0.15%
Ba	233.527	-9.3	-0.0001925	0.00015507	mg/L			80.58%
Ca	315.887	17257130.9	453.838	0.1723	mg/L			0.04%
Cd	226.502	1222.1	0.0001175	0.00010772	mg/L			91.68%
Co	228.616	161.3	0.0050365	0.00008420	mg/L			1.67%
Cu	324.754	6648.5	0.0004968	0.00002225	mg/L			4.48%
Fe	273.955	2875712.6	179.443	0.0048	mg/L			0.00%
Mg	279.079	5635302.1	498.945	0.6407	mg/L			0.13%
Mn	257.610	1880.6	0.0040944	0.00005320	mg/L			1.30%
Se	196.026	-211.1	0.0101721	0.00285532	mg/L			28.07%
V	292.402	6617.7	-0.0009236	0.00021540	mg/L			23.32%
Zn	206.200	636.2	0.0065528	0.00000071	mg/L			0.01%
Na	330.237	815.2	-4.98849	0.040529	mg/L			0.81%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti	334.941	-1640.3	-0.0034270	0.00007736	mg/L			2.26%
Mo	202.030	-235.2	-0.0080426	0.00033185	mg/L			4.13%
Sn	189.933	-142.2	-0.0128623	0.00067411	mg/L			5.24%
Be	234.861	-8083.0	-0.0018934	0.00019569	mg/L			10.34%
As	188.979	-66.8	-0.0022946	0.00332329	mg/L			144.83%
Sb	206.833	125.8	-0.0013474	0.00028992	mg/L			21.52%
Cr	206.158	204.8	-0.0007733	0.00053158	mg/L			68.74%
Pb	220.353	-170.9	0.0006448	0.00140646	mg/L			218.13%
Ni	231.604	967.8	0.0057572	0.00011780	mg/L			2.05%
Tl	190.800	-66.3	0.0006545	0.00435240	mg/L			664.98%

Mean Data

ID: ICSAB V-4506	Seq. No.: 17	Sample No.: 4	A/S Pos: 6
Sample Qty: 1.0000 g	Prep. Vol.: 1.0 L	Dilution: 1.0: 1.0	Date: 7/29/05 4:53:59 PM
Data: Original			

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	144995.5	1.01694	0.003483	mg/L			0.34%
Al	308.215	7850742.3	460.945	1.0134	mg/L			0.22%
Ba	233.527	23114.5	0.477695	0.0025485	mg/L			0.53%
Ca	315.887	17061646.6	448.697	0.7529	mg/L			0.17%
Cd	226.502	90263.9	0.924161	0.0026439	mg/L			0.29%
Co	228.616	14856.5	0.464008	0.0013193	mg/L			0.28%
Cu	324.754	72304.8	0.513023	0.0005752	mg/L			0.11%
Fe	273.955	2854542.2	178.122	0.5170	mg/L			0.29%
Mg	279.079	5573287.5	493.454	1.0608	mg/L			0.21%
Mn	257.610	219882.0	0.478732	0.0016247	mg/L			0.34%
Se	196.026	5211.1	0.940865	0.0033767	mg/L			0.36%
V	292.402	80409.3	0.462484	0.0004107	mg/L			0.09%
Zn	206.200	40908.2	0.890851	0.0033126	mg/L			0.37%
Na	330.237	2054.7	-0.878726	0.0008860	mg/L			0.10%
Ti	334.941	-1566.3	-0.0032723	0.00000942	mg/L			0.29%
Mo	202.030	-230.9	-0.0078182	0.00049448	mg/L			6.32%
Sn	189.933	-117.0	-0.0098454	0.00179965	mg/L			18.28%
Be	234.861	233005.3	0.482774	0.0016274	mg/L			0.34%
As	188.979	2585.6	0.999674	0.0036723	mg/L			0.37%
Sb	206.833	3836.8	0.981430	0.0010919	mg/L			0.11%

60910

Cr 206.158	12123.7	0.470492	0.0024646 mg/L	0.52%
Pb 220.353	4095.8	0.954724	0.0027167 mg/L	0.28%
Ni 231.604	20259.9	0.930589	0.0033586 mg/L	0.36%
Tl 190.800	1463.5	0.959439	0.0140957 mg/L	1.47%

Mean Data

ID: CCV V-4510 Seq. No.: 18 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:56:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	69084.3	0.484530	0.0022388	mg/L				0.46%
Al 308.215	95052.8	5.26180	0.021354	mg/L				0.41%
Ba 233.527	25438.5	0.525724	0.0029270	mg/L				0.56%
Ca 315.887	1925102.7	50.6275	0.27020	mg/L				0.53%
Cd 226.502	48817.6	0.506560	0.0022074	mg/L				0.44%
Co 228.616	16091.7	0.502587	0.0008471	mg/L				0.17%
Cu 324.754	72605.7	0.508225	0.0013181	mg/L				0.26%
Fe 273.955	83076.8	5.14745	0.027433	mg/L				0.53%
Mg 279.079	573597.3	50.7858	0.26013	mg/L				0.51%
Mn 257.610	236833.0	0.515638	0.0024273	mg/L				0.47%
Se 196.026	2975.2	0.501745	0.0020432	mg/L				0.41%
V 292.402	81755.0	0.505918	0.0030076	mg/L				0.59%
Zn 206.200	23895.5	0.517284	0.0023323	mg/L				0.45%
Na 330.237	34956.5	50.2490	0.08902	mg/L				0.18%
Ti 334.941	240712.8	0.502896	0.0021034	mg/L				0.42%
Mo 202.030	7651.8	0.495305	0.0020005	mg/L				0.40%
Sn 189.933	4219.6	0.509483	0.0022113	mg/L				0.43%
Be 234.861	251322.0	0.505351	0.0022424	mg/L				0.44%
As 188.979	1335.0	0.516514	0.0016535	mg/L				0.32%
Sb 206.833	1987.2	0.505183	0.0013876	mg/L				0.27%
Cr 206.158	13467.4	0.517126	0.0041452	mg/L				0.80%
Pb 220.353	2290.0	0.509044	0.0012736	mg/L				0.25%
Ni 231.604	10622.0	0.507489	0.0011684	mg/L				0.23%
Tl 190.800	734.7	0.502672	0.0015811	mg/L				0.31%

Mean Data

ID: CCB Seq. No.: 19 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 4:59:44 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-95.7	-0.0006713	0.00007444	mg/L				11.09%
Al 308.215	6208.0	0.0410701	0.00206411	mg/L				5.03%
Ba 233.527	16.2	0.0003351	0.00001078	mg/L				3.22%
Ca 315.887	-16227.4	-0.426758	0.0048010	mg/L				1.12%
Cd 226.502	-197.7	-0.0020512	0.00002363	mg/L				1.15%
Co 228.616	-93.4	-0.0029162	0.00024697	mg/L				8.47%
Cu 324.754	7796.4	0.0022581	0.00004825	mg/L				2.14%
Fe 273.955	401.4	-0.0125348	0.00068443	mg/L				5.46%
Mg 279.079	144.7	0.0128095	0.00203826	mg/L				15.91%
Mn 257.610	397.9	0.0008662	0.00001029	mg/L				1.19%
Se 196.026	49.5	-0.0006366	0.00010101	mg/L				15.87%
V 292.402	-206.0	-0.0012921	0.00003782	mg/L				2.93%
Zn 206.200	162.9	-0.0038395	0.00017778	mg/L				4.63%
Na 330.237	842.0	1.17802	0.027531	mg/L				2.34%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-164.8	-0.0003443	0.00001216	mg/L				3.53%
Mo 202.030	-114.7	-0.0074229	0.00015760	mg/L				2.12%
Sn 189.933	-31.0	0.0004595	0.00022028	mg/L				47.94%
Be 234.861	-355.2	-0.0007142	0.00001295	mg/L				1.81%
As 188.979	-35.3	-0.0011404	0.00088749	mg/L				77.82%
Sb 206.833	75.5	-0.0010433	0.00022794	mg/L				21.85%
Cr 206.158	147.2	-0.0030223	0.00009156	mg/L				3.03%
Pb 220.353	17.5	0.0006643	0.00038173	mg/L				57.46%
Ni 231.604	-2.6	-0.0016690	0.00060099	mg/L				36.01%
Tl 190.800	-64.9	0.0015760	0.00075874	mg/L				48.14%

Mean Data

ID: 18778-021 Seq. No.: 20 Sample No.: 7 A/S Pos: 19

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 5:02:38 PM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements from Ag to Tl with their respective values.

Mean Data

ID: 18778-022 Seq. No.: 21 Sample No.: 8 A/S Pos: 20
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 5:05:33 PM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements from Ag to Tl with their respective values.

Mean Data

ID: 18778-023 Seq. No.: 22 Sample No.: 9 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 7/29/05 5:08:26 PM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements from Ag to Ba with their respective values.

01600

Element	Mean Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Std. Dev.	Sample Units	RSD
Ca	315.887	45800.1	1.20448	0.010158 mg/L	1.20448	0.010158 mg/L	0.84%	
Cd	226.502	223.0	-0.0022633	0.00005459 mg/L	-0.0022633	0.00005459 mg/L	2.41%	
Co	228.616	642.3	0.0200614	0.00014185 mg/L	0.0200614	0.00014185 mg/L	0.71%	
Cu	324.754	13558.9	0.0472461	0.00015816 mg/L	0.0472461	0.00015816 mg/L	0.33%	
Fe	273.955	1048111.3	65.3779	0.64435 mg/L	65.3779	0.64435 mg/L	0.99%	
Mg	279.079	133999.6	11.8642	0.10687 mg/L	11.8642	0.10687 mg/L	0.90%	
Mn	257.610	121488.5	0.264507	0.0022286 mg/L	0.264507	0.0022286 mg/L	0.84%	
Se	196.026	-19.3	0.0104267	0.00207513 mg/L	0.0104267	0.00207513 mg/L	19.90%	
V	292.402	15532.1	0.106591	0.0002909 mg/L	0.106591	0.0002909 mg/L	0.27%	
Zn	206.200	7736.4	0.162460	0.0001966 mg/L	0.162460	0.0001966 mg/L	0.12%	
Na	330.237	925.9	1.04507	0.358108 mg/L	1.04507	0.358108 mg/L	34.27%	
Ti	334.941	296018.1	0.618439	0.0056709 mg/L	0.618439	0.0056709 mg/L	0.92%	
Mo	202.030	-95.9	-0.0062091	0.00020991 mg/L	-0.0062091	0.00020991 mg/L	3.38%	
Sn	189.933	227.8	0.0314524	0.00042656 mg/L	0.0314524	0.00042656 mg/L	1.36%	
Be	234.861	-2884.8	-0.0005688	0.00006298 mg/L	-0.0005688	0.00006298 mg/L	11.07%	
As	188.979	-34.0	-0.0006822	0.00017122 mg/L	-0.0006822	0.00017122 mg/L	25.10%	
Sb	206.833	93.3	0.0036696	0.00103825 mg/L	0.0036696	0.00103825 mg/L	28.29%	
Cr	206.158	2660.6	0.0951239	0.00031048 mg/L	0.0951239	0.00031048 mg/L	0.33%	
Pb	220.353	228.5	0.0478689	0.0000975 mg/L	0.0478689	0.0000975 mg/L	0.02%	
Ni	231.604	1591.2	0.0631086	0.00025610 mg/L	0.0631086	0.00025610 mg/L	0.41%	
Tl	190.800	-81.4	-0.0030810	0.00055194 mg/L	-0.0030810	0.00055194 mg/L	17.91%	

Mean Data

ID: 18778-024	Seq. No.: 23	Sample No.: 10	A/S Pos: 22
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 7/29/05	5:11:25 PM

Element	Mean Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Std. Dev.	Sample Units	RSD
Ag	328.068	-1959.1	-0.0019954	0.00028378 mg/L	-0.0019954	0.00028378 mg/L	14.22%	
Al	308.215	1425424.9	83.4377	0.95098 mg/L	83.4377	0.95098 mg/L	1.14%	
Ba	233.527	45600.2	0.942395	0.0082465 mg/L	0.942395	0.0082465 mg/L	0.88%	
Ca	315.887	447905.4	11.7793	0.08360 mg/L	11.7793	0.08360 mg/L	0.71%	
Cd	226.502	783.5	-0.0002377	0.00024639 mg/L	-0.0002377	0.00024639 mg/L	103.65%	
Co	228.616	2059.9	0.0643354	0.00028453 mg/L	0.0643354	0.00028453 mg/L	0.44%	
Cu	324.754	32692.9	0.196625	0.0026359 mg/L	0.196625	0.0026359 mg/L	1.34%	
Fe	273.955	1915489.7	119.513	1.0078 mg/L	119.513	1.0078 mg/L	0.84%	
Mg	279.079	249151.3	22.0596	0.17146 mg/L	22.0596	0.17146 mg/L	0.78%	
Mn	257.610	752724.6	1.63885	0.013857 mg/L	1.63885	0.013857 mg/L	0.85%	
Se	196.026	-59.3	0.0225085	0.00160571 mg/L	0.0225085	0.00160571 mg/L	7.13%	
V	292.402	29341.4	0.200800	0.0013646 mg/L	0.200800	0.0013646 mg/L	0.68%	
Zn	206.200	25739.1	0.557765	0.0031101 mg/L	0.557765	0.0031101 mg/L	0.56%	
Na	330.237	963.7	3.10190	0.014090 mg/L	3.10190	0.014090 mg/L	0.45%	
Ti	334.941	1076637.5	2.24930	0.021761 mg/L	2.24930	0.021761 mg/L	0.97%	
Mo	202.030	-94.1	-0.0060893	0.00018519 mg/L	-0.0060893	0.00018519 mg/L	3.04%	
Sn	189.933	363.5	0.0541204	0.00067754 mg/L	0.0541204	0.00067754 mg/L	1.25%	
Be	234.861	-2799.9	0.0039338	0.00010556 mg/L	0.0039338	0.00010556 mg/L	2.68%	
As	188.979	136.0	0.0707141	0.00088745 mg/L	0.0707141	0.00088745 mg/L	1.25%	
Sb	206.833	117.0	0.0099537	0.00133676 mg/L	0.0099537	0.00133676 mg/L	13.43%	
Cr	206.158	13327.7	0.511671	0.0059501 mg/L	0.511671	0.0059501 mg/L	1.16%	
Pb	220.353	2547.7	0.572716	0.0010086 mg/L	0.572716	0.0010086 mg/L	0.18%	
Ni	231.604	3442.0	0.142201	0.0003587 mg/L	0.142201	0.0003587 mg/L	0.25%	
Tl	190.800	-105.7	-0.0033083	0.00058789 mg/L	-0.0033083	0.00058789 mg/L	17.77%	

Mean Data

ID: 18776-001	Seq. No.: 24	Sample No.: 11	A/S Pos: 23
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 7/29/05	5:14:25 PM

Element	Mean Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Std. Dev.	Sample Units	RSD
Ag	328.068	-675.1	0.0012247	0.00008551 mg/L	0.0012247	0.00008551 mg/L	6.98%	
Al	308.215	760682.1	44.3758	0.22663 mg/L	44.3758	0.22663 mg/L	0.51%	
Ba	233.527	17909.8	0.370132	0.0011647 mg/L	0.370132	0.0011647 mg/L	0.31%	
Ca	315.887	1951278.6	51.3159	0.24330 mg/L	51.3159	0.24330 mg/L	0.47%	
Cd	226.502	294.2	-0.0003034	0.00002718 mg/L	-0.0003034	0.00002718 mg/L	8.96%	
Co	228.616	540.2	0.0168714	0.00011994 mg/L	0.0168714	0.00011994 mg/L	0.71%	
Cu	324.754	40616.4	0.258484	0.0017713 mg/L	0.258484	0.0017713 mg/L	0.69%	
Fe	273.955	768672.6	47.9373	0.23871 mg/L	47.9373	0.23871 mg/L	0.50%	
Mg	279.079	167255.5	14.8087	0.07378 mg/L	14.8087	0.07378 mg/L	0.50%	
Mn	257.610	322149.6	0.701391	0.0030677 mg/L	0.701391	0.0030677 mg/L	0.44%	
Se	196.026	11.6	0.0096218	0.00008467 mg/L	0.0096218	0.00008467 mg/L	0.88%	

001502

V 292.402	12357.7	0.0842345	0.00026458	mg/L	0.0842345	0.00026458	mg/L	0.31%
Zn 206.200	25525.4	0.553074	0.0031100	mg/L	0.553074	0.0031100	mg/L	0.56%
Na 330.237	4625.0	8.52311	0.022071	mg/L	8.52311	0.022071	mg/L	0.26%
Ti 334.941	546314.1	1.14136	0.006036	mg/L	1.14136	0.006036	mg/L	0.53%
Mo 202.030	-4.0	-0.0002607	0.00067475	mg/L	-0.0002607	0.00067475	mg/L	258.80%
Sn 189.933	519.0	0.0663166	0.00080418	mg/L	0.0663166	0.00080418	mg/L	1.21%
Be 234.861	-2013.5	-0.0002125	0.00001471	mg/L	-0.0002125	0.00001471	mg/L	6.92%
As 188.979	-15.2	0.0064213	0.00045118	mg/L	0.0064213	0.00045118	mg/L	7.03%
Sb 206.833	96.8	0.0046196	0.00003462	mg/L	0.0046196	0.00003462	mg/L	0.75%
Cr 206.158	2730.2	0.0978437	0.00042303	mg/L	0.0978437	0.00042303	mg/L	0.43%
Pb 220.353	1535.7	0.340304	0.0025843	mg/L	0.340304	0.0025843	mg/L	0.76%
Ni 231.604	1798.5	0.0761367	0.00014416	mg/L	0.0761367	0.00014416	mg/L	0.19%
Tl 190.800	-87.5	-0.0021176	0.00003217	mg/L	-0.0021176	0.00003217	mg/L	1.52%

Mean Data

ID: CCV V-4510 Seq. No.: 25 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 5:17:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68554.0	0.480810	0.0039570	mg/L				0.82%
Al 308.215	93941.2	5.19648	0.045952	mg/L				0.88%
Ba 233.527	25271.1	0.522264	0.0024239	mg/L				0.46%
Ca 315.887	1891156.6	49.7347	0.28264	mg/L				0.57%
Cd 226.502	48227.3	0.500435	0.0023744	mg/L				0.47%
Co 228.616	15888.2	0.496233	0.0008555	mg/L				0.17%
Cu 324.754	72224.0	0.505244	0.0051065	mg/L				1.01%
Fe 273.955	82207.0	5.09317	0.028810	mg/L				0.57%
Mg 279.079	565192.1	50.0416	0.33880	mg/L				0.68%
Mn 257.610	233609.1	0.508619	0.0035459	mg/L				0.70%
Se 196.026	2948.4	0.497150	0.0014977	mg/L				0.30%
V 292.402	80787.6	0.499951	0.0031667	mg/L				0.63%
Zn 206.200	23570.5	0.510148	0.0030933	mg/L				0.61%
Na 330.237	34707.5	49.8821	0.38008	mg/L				0.76%
Ti 334.941	236950.3	0.495035	0.0041590	mg/L				0.84%
Mo 202.030	7553.5	0.488943	0.0013188	mg/L				0.27%
Sn 189.933	4157.0	0.501991	0.0025539	mg/L				0.51%
Be 234.861	248588.5	0.499855	0.0040035	mg/L				0.80%
As 188.979	1321.5	0.511418	0.0015551	mg/L				0.30%
Sb 206.833	1973.2	0.501480	0.0021607	mg/L				0.43%
Cr 206.158	13311.8	0.511047	0.0037835	mg/L				0.74%
Pb 220.353	2263.1	0.503014	0.0015872	mg/L				0.32%
Ni 231.604	10520.7	0.502637	0.0015744	mg/L				0.31%
Tl 190.800	716.6	0.491373	0.0027839	mg/L				0.57%

Mean Data

ID: CCB Seq. No.: 26 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 5:20:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-76.0	-0.0005329	0.00019206	mg/L				36.04%
Al 308.215	6117.6	0.0357565	0.00561162	mg/L				15.69%
Ba 233.527	14.1	0.0002912	0.00003421	mg/L				11.75%
Ca 315.887	-16399.1	-0.431273	0.0026485	mg/L				0.61%
Cd 226.502	-207.6	-0.0021546	0.00001893	mg/L				0.88%
Co 228.616	-99.5	-0.0031074	0.00025542	mg/L				8.22%
Cu 324.754	7595.0	0.0006852	0.00002161	mg/L				3.15%
Fe 273.955	391.6	-0.0131490	0.00141363	mg/L				10.75%
Mg 279.079	68.1	0.0060310	0.00211274	mg/L				35.03%
Mn 257.610	426.3	0.0009281	0.00003489	mg/L				3.76%
Se 196.026	50.5	-0.0004654	0.00031484	mg/L				67.64%
V 292.402	-219.5	-0.0013769	0.00025737	mg/L				18.69%
Zn 206.200	153.2	-0.0040539	0.00015126	mg/L				3.73%
Na 330.237	878.4	1.22896	0.062838	mg/L				5.11%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-144.2	-0.0003013	0.00003879	mg/L				12.87%
Mo 202.030	-112.5	-0.0072803	0.00018110	mg/L				2.49%
Sn 189.933	-40.9	-0.0007278	0.00041644	mg/L				57.22%
Be 234.861	-368.4	-0.0007409	0.00000350	mg/L				0.47%

001503

As 188.979	-36.6	-0.0016519	0.00303970	mg/L		184.01%
Sb 206.833	77.1	-0.0006210	0.00009398	mg/L		15.13%
Cr 206.158	146.7	-0.0030407	0.00010633	mg/L		3.50%
Pb 220.353	11.0	-0.0008031	0.00044846	mg/L		55.84%
Ni 231.604	-7.6	-0.0019104	0.00010403	mg/L		5.45%
Tl 190.800	-61.6	0.0036459	0.00139168	mg/L		38.17%

Mean Data

ID: 18802-001 Seq. No.: 27 Sample No.: 12 A/S Pos: 28
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 5:23:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1463.7	0.0001155	0.00009812	mg/L	0.0001155	0.00009812	mg/L	84.95%
Al 308.215	743100.3	43.3426	0.09392	mg/L	43.3426	0.09392	mg/L	0.22%
Ba 233.527	19683.0	0.406778	0.0010283	mg/L	0.406778	0.0010283	mg/L	0.25%
Ca 315.887	7692991.3	202.315	1.3294	mg/L	202.315	1.3294	mg/L	0.66%
Cd 226.502	587.6	-0.0003884	0.00006064	mg/L	-0.0003884	0.00006064	mg/L	15.61%
Co 228.616	20840.9	0.650919	0.0020744	mg/L	0.650919	0.0020744	mg/L	0.32%
Cu 324.754	89727.3	0.641893	0.0008328	mg/L	0.641893	0.0008328	mg/L	0.13%
Fe 273.955	1484798.8	92.6327	0.02321	mg/L	92.6327	0.02321	mg/L	0.03%
Mg 279.079	350940.3	31.0720	0.01023	mg/L	31.0720	0.01023	mg/L	0.03%
Mn 257.610	696667.3	1.51680	0.000709	mg/L	1.51680	0.000709	mg/L	0.05%
Se 196.026	-65.1	0.0121086	0.00095029	mg/L	0.0121086	0.00095029	mg/L	7.85%
V 292.402	23869.8	0.162711	0.0001126	mg/L	0.162711	0.0001126	mg/L	0.07%
Zn 206.200	21054.4	0.454900	0.0008431	mg/L	0.454900	0.0008431	mg/L	0.19%
Na 330.237	2490.8	4.31743	0.011407	mg/L	4.31743	0.011407	mg/L	0.26%
Ti 334.941	951669.5	1.98822	0.003012	mg/L	1.98822	0.003012	mg/L	0.15%
Mo 202.030	198.9	0.0128749	0.00042583	mg/L	0.0128749	0.00042583	mg/L	3.31%
Sn 189.933	463.3	0.0653218	0.00164661	mg/L	0.0653218	0.00164661	mg/L	2.52%
Be 234.861	-3535.2	0.0003043	0.00001205	mg/L	0.0003043	0.00001205	mg/L	3.96%
As 188.979	3.8	0.0191820	0.00107051	mg/L	0.0191820	0.00107051	mg/L	5.58%
Sb 206.833	100.0	0.0054491	0.00127091	mg/L	0.0054491	0.00127091	mg/L	23.32%
Cr 206.158	12495.9	0.479189	0.0002329	mg/L	0.479189	0.0002329	mg/L	0.05%
Pb 220.353	3702.0	0.824927	0.0018561	mg/L	0.824927	0.0018561	mg/L	0.23%
Ni 231.604	20716.5	0.974808	0.0043948	mg/L	0.974808	0.0043948	mg/L	0.45%
Tl 190.800	-87.9	0.0054837	0.00192461	mg/L	0.0054837	0.00192461	mg/L	35.10%

Mean Data

ID: 18802-002 Seq. No.: 28 Sample No.: 13 A/S Pos: 29
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 7/29/05 5:26:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2431.8	0.0006582	0.00062500	mg/L	0.0006582	0.00062500	mg/L	94.95%
Al 308.215	851067.5	49.6870	0.47570	mg/L	49.6870	0.47570	mg/L	0.96%
Ba 233.527	101139.1	2.09019	0.008235	mg/L	2.09019	0.008235	mg/L	0.39%
Ca 315.887	3387661.8	89.0907	0.76944	mg/L	89.0907	0.76944	mg/L	0.86%
Cd 226.502	1506.4	0.0035757	0.00000141	mg/L	0.0035757	0.00000141	mg/L	0.04%
Co 228.616	13445.0	0.419924	0.0001787	mg/L	0.419924	0.0001787	mg/L	0.04%
Cu 324.754	184134.1	1.38584	0.006174	mg/L	1.38584	0.006174	mg/L	0.45%
Fe 273.955	2759451.3	172.187	1.4242	mg/L	172.187	1.4242	mg/L	0.83%
Mg 279.079	321524.0	28.4675	0.17517	mg/L	28.4675	0.17517	mg/L	0.62%
Mn 257.610	1139833.4	2.48167	0.021906	mg/L	2.48167	0.021906	mg/L	0.88%
Se 196.026	-140.1	0.0270679	0.00122410	mg/L	0.0270679	0.00122410	mg/L	4.52%
V 292.402	28476.7	0.202764	0.0008355	mg/L	0.202764	0.0008355	mg/L	0.41%
Zn 206.200	59560.5	1.30042	0.009703	mg/L	1.30042	0.009703	mg/L	0.75%
Na 330.237	2391.4	7.24500	0.010169	mg/L	7.24500	0.010169	mg/L	0.14%
Ti 334.941	1623871.1	3.39258	0.031386	mg/L	3.39258	0.031386	mg/L	0.93%
Mo 202.030	625.7	0.0473921	0.00003293	mg/L	0.0473921	0.00003293	mg/L	0.07%
Sn 189.933	2352.1	0.295533	0.0031549	mg/L	0.295533	0.0031549	mg/L	1.07%
Be 234.861	-6709.6	0.0002876	0.00022038	mg/L	0.0002876	0.00022038	mg/L	76.62%
As 188.979	120.0	0.0746362	0.00172214	mg/L	0.0746362	0.00172214	mg/L	2.31%
Sb 206.833	193.0	0.0302174	0.00064113	mg/L	0.0302174	0.00064113	mg/L	2.12%
Cr 206.158	18509.0	0.722519	0.0037834	mg/L	0.722519	0.0037834	mg/L	0.52%
Pb 220.353	9158.2	2.04552	0.005340	mg/L	2.04552	0.005340	mg/L	0.26%
Ni 231.604	18505.6	0.854739	0.0012828	mg/L	0.854739	0.0012828	mg/L	0.15%
Tl 190.800	-120.2	-0.0018022	0.00036711	mg/L	-0.0018022	0.00036711	mg/L	20.37%

Mean Data

001504

ID: 18802-003 Seq. No.: 29 Sample No.: 14 A/S Pos: 30
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Date: 7/29/05 5:29:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-392.5	-0.0027527	0.00004695	mg/L	-0.0027527	0.00004695	mg/L	1.71%
Al 308.215	183822.0	10.4781	0.02146	mg/L	10.4781	0.02146	mg/L	0.20%
Ba 233.527	35369.2	0.730956	0.0024250	mg/L	0.730956	0.0024250	mg/L	0.33%
Ca 315.887	337054.1	8.86405	0.001963	mg/L	8.86405	0.001963	mg/L	0.02%
Cd 226.502	314.2	-0.0013552	0.00015654	mg/L	-0.0013552	0.00015654	mg/L	11.55%
Co 228.616	129569.3	4.04680	0.008440	mg/L	4.04680	0.008440	mg/L	0.21%
Cu 324.754	78216.1	0.552025	0.0033742	mg/L	0.552025	0.0033742	mg/L	0.61%
Fe 273.955	1056951.5	65.9296	0.07309	mg/L	65.9296	0.07309	mg/L	0.11%
Mg 279.079	95772.1	8.47958	0.013026	mg/L	8.47958	0.013026	mg/L	0.15%
Mn 257.610	266048.2	0.579246	0.0007257	mg/L	0.579246	0.0007257	mg/L	0.13%
Se 196.026	-20.7	0.0103820	0.00137654	mg/L	0.0103820	0.00137654	mg/L	13.26%
V 292.402	24849.4	0.165111	0.0006201	mg/L	0.165111	0.0006201	mg/L	0.38%
Zn 206.200	11186.6	0.238221	0.0004898	mg/L	0.238221	0.0004898	mg/L	0.21%
Na 330.237	1473.5	2.17907	0.068705	mg/L	2.17907	0.068705	mg/L	3.15%
Ti 334.941	187087.5	0.390862	0.0007360	mg/L	0.390862	0.0007360	mg/L	0.19%
Mo 202.030	636.1	0.0411774	0.00000968	mg/L	0.0411774	0.00000968	mg/L	0.02%
Sn 189.933	437.1	0.0565132	0.00032935	mg/L	0.0565132	0.00032935	mg/L	0.58%
Be 234.861	-3196.2	-0.0011509	0.00000484	mg/L	-0.0011509	0.00000484	mg/L	0.42%
As 188.979	-18.3	0.0052513	0.00123704	mg/L	0.0052513	0.00123704	mg/L	23.56%
Sb 206.833	105.2	0.0068196	0.00040722	mg/L	0.0068196	0.00040722	mg/L	5.97%
Cr 206.158	6504.3	0.240149	0.0010463	mg/L	0.240149	0.0010463	mg/L	0.44%
Pb 220.353	1366.7	0.302496	0.0004971	mg/L	0.302496	0.0004971	mg/L	0.16%
Ni 231.604	58757.2	2.80256	0.002811	mg/L	2.80256	0.002811	mg/L	0.10%
Tl 190.800	-33.3	-0.0029563	0.00067324	mg/L	-0.0029563	0.00067324	mg/L	22.77%

Mean Data
 ID: 18802-004 Seq. No.: 30 Sample No.: 15 A/S Pos: 31
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Date: 7/29/05 5:32:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-73.8	-0.0005175	0.00028274	mg/L	-0.0005175	0.00028274	mg/L	54.63%
Al 308.215	13370.1	0.461929	0.0025176	mg/L	0.461929	0.0025176	mg/L	0.55%
Ba 233.527	846.9	0.0175034	0.00003708	mg/L	0.0175034	0.00003708	mg/L	0.21%
Ca 315.887	42607.7	1.12052	0.009796	mg/L	1.12052	0.009796	mg/L	0.87%
Cd 226.502	-195.3	-0.0020269	0.00002420	mg/L	-0.0020269	0.00002420	mg/L	1.19%
Co 228.616	4940.0	0.154289	0.0006414	mg/L	0.154289	0.0006414	mg/L	0.42%
Cu 324.754	10846.8	0.0260726	0.00007582	mg/L	0.0260726	0.00007582	mg/L	0.29%
Fe 273.955	59257.8	3.66085	0.025614	mg/L	3.66085	0.025614	mg/L	0.70%
Mg 279.079	2317.3	0.205171	0.0061196	mg/L	0.205171	0.0061196	mg/L	2.98%
Mn 257.610	7793.1	0.0169672	0.00010068	mg/L	0.0169672	0.00010068	mg/L	0.59%
Se 196.026	60.3	0.0012171	0.00141646	mg/L	0.0012171	0.00141646	mg/L	116.38%
V 292.402	517.4	0.0032454	0.00007712	mg/L	0.0032454	0.00007712	mg/L	2.38%
Zn 206.200	1719.8	0.0303462	0.00003978	mg/L	0.0303462	0.00003978	mg/L	0.13%
Na 330.237	1277.5	1.78725	0.042424	mg/L	1.78725	0.042424	mg/L	2.37%
Ti 334.941	13579.2	0.0283696	0.00017427	mg/L	0.0283696	0.00017427	mg/L	0.61%
Mo 202.030	-45.3	-0.0029326	0.00023881	mg/L	-0.0029326	0.00023881	mg/L	8.14%
Sn 189.933	226.9	0.0313373	0.00031790	mg/L	0.0313373	0.00031790	mg/L	1.01%
Be 234.861	-589.9	-0.0011861	0.00000253	mg/L	-0.0011861	0.00000253	mg/L	0.21%
As 188.979	-9.3	0.0086619	0.00058462	mg/L	0.0086619	0.00058462	mg/L	6.75%
Sb 206.833	85.0	0.0014820	0.00061327	mg/L	0.0014820	0.00061327	mg/L	41.38%
Cr 206.158	322.4	0.0038197	0.00021400	mg/L	0.0038197	0.00021400	mg/L	5.60%
Pb 220.353	70.9	0.0126097	0.00011907	mg/L	0.0126097	0.00011907	mg/L	0.94%
Ni 231.604	1287.5	0.0601570	0.00031218	mg/L	0.0601570	0.00031218	mg/L	0.52%
Tl 190.800	-67.1	0.0001784	0.00067161	mg/L	0.0001784	0.00067161	mg/L	376.49%

Mean Data
 ID: IC5A V-4505 Seq. No.: 31 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Date: 7/29/05 5:35:30 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-66.2	-0.0004640	0.00021494	mg/L				46.33%
Al 308.215	7827085.0	459.556	1.0622	mg/L				0.23%

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Ba	233.527	-11.2	-0.0002321	0.00009240	mg/L	39.81%
Ca	315.887	16794887.7	441.682	1.1435	mg/L	0.26%
Cd	226.502	1199.3	0.0000808	0.00008102	mg/L	100.24%
Co	228.616	168.2	0.0052521	0.00016640	mg/L	3.17%
Cu	324.754	6709.8	0.0008607	0.00027606	mg/L	32.07%
Fe	273.955	2830180.0	176.602	0.5198	mg/L	0.29%
Mg	279.079	5508873.9	487.751	1.1761	mg/L	0.24%
Mn	257.610	1834.3	0.0039937	0.00006173	mg/L	1.55%
Se	196.026	-205.7	0.0102055	0.00198410	mg/L	19.44%
V	292.402	6575.8	-0.0000683	0.00059774	mg/L	875.78%
Zn	206.200	625.1	0.0063096	0.00008032	mg/L	1.27%
Na	330.237	804.4	-4.88392	0.005964	mg/L	0.12%
*QC exceeds lower limit for Na 330.237 Action = Continue						
Ti	334.941	-1574.2	-0.0032888	0.00002286	mg/L	0.70%
Mo	202.030	-217.2	-0.0069901	0.00050400	mg/L	7.21%
Sn	189.933	-147.1	-0.0134511	0.00059784	mg/L	4.44%
Be	234.861	-8115.1	-0.0021853	0.00006454	mg/L	2.95%
As	188.979	-60.9	-0.0002481	0.00136840	mg/L	551.63%
Sb	206.833	131.4	0.0002868	0.00186818	mg/L	651.33%
Cr	206.158	199.8	-0.0009686	0.00011418	mg/L	11.79%
Pb	220.353	-154.1	0.0037543	0.00172718	mg/L	46.01%
Ni	231.604	956.1	0.0057903	0.00003293	mg/L	0.57%
Tl	190.800	-70.2	-0.0017442	0.00124339	mg/L	71.29%

Mean Data

ID: ICSAB V-4506	Seq. No.: 32	Sample No.: 4	A/S Pos: 6
Sample Qty: 1.0000 g	Prep. Vol.: 1.0 L	Dilution: 1.0:	1.0
	Data: Original	Date: 7/29/05	5:38:48 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	143840.3	1.00884	0.005966	mg/L			0.59%
Al	308.215	7814604.6	458.823	3.6689	mg/L			0.80%
Ba	233.527	22933.6	0.473956	0.0015582	mg/L			0.33%
Ca	315.887	16700355.2	439.196	2.0711	mg/L			0.47%
Cd	226.502	88477.6	0.905845	0.0050220	mg/L			0.55%
Co	228.616	14673.9	0.458307	0.0006518	mg/L			0.14%
Cu	324.754	72635.6	0.515479	0.0047624	mg/L			0.92%
Fe	273.955	2804271.5	174.985	1.0427	mg/L			0.60%
Mg	279.079	5477423.1	484.967	2.7016	mg/L			0.56%
Mn	257.610	215785.8	0.469814	0.0032385	mg/L			0.69%
Se	196.026	5195.4	0.937112	0.0056034	mg/L			0.60%
V	292.402	79029.5	0.454540	0.0018539	mg/L			0.41%
Zn	206.200	39953.9	0.869897	0.0002217	mg/L			0.03%
Na	330.237	2079.8	-0.807214	0.0381642	mg/L			4.73%
Ti	334.941	-1490.4	-0.0031138	0.00001493	mg/L			0.48%
Mo	202.030	-212.4	-0.0067454	0.00028326	mg/L			4.20%
Sn	189.933	-134.7	-0.0119575	0.00020481	mg/L			1.71%
Be	234.861	229671.0	0.475819	0.0030180	mg/L			0.63%
As	188.979	2592.7	1.00218	0.000105	mg/L			0.01%
Sb	206.833	3813.4	0.975283	0.0094130	mg/L			0.97%
Cr	206.158	12016.3	0.466163	0.0000653	mg/L			0.01%
Pb	220.353	4040.1	0.941942	0.0002693	mg/L			0.03%
Ni	231.604	20040.2	0.920649	0.0024501	mg/L			0.27%
Tl	190.800	1434.0	0.940981	0.0150000	mg/L			1.59%

Mean Data

ID: CCV V-4510	Seq. No.: 33	Sample No.: 5	A/S Pos: 4
Sample Qty: 1.0000 g	Prep. Vol.: 1.0 L	Dilution: 1.0:	1.0
	Data: Original	Date: 7/29/05	5:41:44 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	68504.1	0.480460	0.0003162	mg/L			0.07%
Al	308.215	94445.0	5.22608	0.014625	mg/L			0.28%
Ba	233.527	25105.3	0.518837	0.0003282	mg/L			0.06%
Ca	315.887	1872443.3	49.2426	0.07207	mg/L			0.15%
Cd	226.502	47800.9	0.496010	0.0008098	mg/L			0.16%
Co	228.616	15771.8	0.492597	0.0002937	mg/L			0.06%
Cu	324.754	72820.6	0.509902	0.0018031	mg/L			0.35%
Fe	273.955	81610.2	5.05592	0.004434	mg/L			0.09%
Mg	279.079	560301.6	49.6086	0.05965	mg/L			0.12%

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Mn 257.610	232180.0	0.505507	0.0005912	mg/L	0.12%
Se 196.026	2934.8	0.494813	0.0024401	mg/L	0.49%
V 292.402	80422.5	0.497720	0.0011410	mg/L	0.23%
Zn 206.200	23276.8	0.503698	0.0013625	mg/L	0.27%
Na 330.237	34916.9	50.1583	0.14723	mg/L	0.29%
Ti 334.941	236223.1	0.493516	0.0004139	mg/L	0.08%
Mo 202.030	7486.3	0.484596	0.0003225	mg/L	0.07%
Sn 189.933	4109.2	0.496262	0.0011924	mg/L	0.24%
Be 234.861	247789.2	0.498248	0.0007800	mg/L	0.16%
As 188.979	1326.4	0.513283	0.0010720	mg/L	0.21%
Sb 206.833	1973.5	0.501541	0.0036375	mg/L	0.73%
Cr 206.158	13186.7	0.506161	0.0031241	mg/L	0.62%
Pb 220.353	2236.1	0.496977	0.0002018	mg/L	0.04%
Ni 231.604	10438.2	0.498683	0.0000691	mg/L	0.01%
Tl 190.800	712.0	0.488488	0.0018513	mg/L	0.38%

Mean Data

ID: CCB
 Sample Qty: 1.0000 g
 Seq. No.: 34
 Prep. Vol.:
 Data: Original
 Sample No.: 6
 1.0 L
 A/S Pos: 1
 Dilution: 1.0: 1.0
 Date: 7/29/05
 5:44:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-4.6	-0.0000324	0.00052634	mg/L				>999.9%
Al 308.215	6334.6	0.0485072	0.00415706	mg/L				8.57%
Ba 233.527	15.3	0.0003156	0.00004941	mg/L				15.66%
Ca 315.887	-16531.7	-0.434760	0.0015034	mg/L				0.35%
Cd 226.502	-210.6	-0.0021858	0.00004249	mg/L				1.94%
Co 228.616	-97.5	-0.0030466	0.00014525	mg/L				4.77%
Cu 324.754	7788.9	0.0021996	0.00020214	mg/L				9.19%
Fe 273.955	448.8	-0.0095783	0.00125374	mg/L				13.09%
Mg 279.079	157.6	0.0139536	0.00322442	mg/L				23.11%
Mn 257.610	398.7	0.0008680	0.00000016	mg/L				0.02%
Se 196.026	59.3	0.0010398	0.00071443	mg/L				68.70%
V 292.402	-197.5	-0.0012387	0.00006128	mg/L				4.95%
Zn 206.200	167.9	-0.0037307	0.00015478	mg/L				4.15%
Na 330.237	914.2	1.27901	0.011200	mg/L				0.88%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-148.9	-0.0003111	0.00000846	mg/L				2.72%
Mo 202.030	-108.2	-0.0070046	0.00023178	mg/L				3.31%
Sn 189.933	-32.7	0.0002511	0.00004341	mg/L				17.29%
Be 234.861	-365.5	-0.0007350	0.00000331	mg/L				0.45%
As 188.979	-33.1	-0.0003253	0.00027710	mg/L				85.19%
Sb 206.833	74.0	-0.0014254	0.00093554	mg/L				65.63%
Cr 206.158	149.5	-0.0029331	0.00021414	mg/L				7.30%
Pb 220.353	15.9	0.0002983	0.00083100	mg/L				278.54%
Ni 231.604	-6.8	-0.0018709	0.00005219	mg/L				2.79%
Tl 190.800	-62.3	0.0032054	0.00152198	mg/L				47.48%

Mean Data

ID: MB 6204 (100)
 Sample Qty: 1.0000 mL
 Seq. No.: 35
 Prep. Vol.:
 Data: Original
 Sample No.: 16
 1.0 mL
 A/S Pos: 40
 Dilution: 1.0: 1.0
 Date: 7/29/05
 5:47:15 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-60.0	-0.0004207	0.00010113	mg/L	-0.0004207	0.00010113	mg/L	24.04%
Al 308.215	7472.2	0.115354	0.0006454	mg/L	0.115354	0.0006454	mg/L	0.56%
Ba 233.527	64.7	0.0013369	0.00001591	mg/L	0.0013369	0.00001591	mg/L	1.19%
Ca 315.887	-10384.3	-0.273092	0.0082964	mg/L	-0.273092	0.0082964	mg/L	3.04%
Cd 226.502	-231.2	-0.0023995	0.00007843	mg/L	-0.0023995	0.00007843	mg/L	3.27%
Co 228.616	-96.6	-0.0030167	0.00018345	mg/L	-0.0030167	0.00018345	mg/L	6.08%
Cu 324.754	9347.8	0.0143700	0.00006418	mg/L	0.0143700	0.00006418	mg/L	0.45%
Fe 273.955	5290.9	0.292628	0.0006504	mg/L	0.292628	0.0006504	mg/L	0.22%
Mg 279.079	192.9	0.0170814	0.00000650	mg/L	0.0170814	0.00000650	mg/L	0.04%
Mn 257.610	5432.8	0.0118285	0.00017224	mg/L	0.0118285	0.00017224	mg/L	1.46%
Se 196.026	63.8	0.0018182	0.00070657	mg/L	0.0018182	0.00070657	mg/L	38.86%
V 292.402	-214.6	-0.0013458	0.00015392	mg/L	-0.0013458	0.00015392	mg/L	11.44%
Zn 206.200	1076.5	0.0162208	0.00006481	mg/L	0.0162208	0.00006481	mg/L	0.40%
Na 330.237	1111.8	1.55548	0.060981	mg/L	1.55548	0.060981	mg/L	3.92%
Ti 334.941	294.8	0.0006158	0.00005942	mg/L	0.0006158	0.00005942	mg/L	9.65%
Mo 202.030	-115.8	-0.0074943	0.00009256	mg/L	-0.0074943	0.00009256	mg/L	1.24%

Date file: S6206A

Batch 6206 (cont)

Method: PE1 Axial

Page 1

Date: 8/8/05

6:31:38 PM

Analyst: Ken Phantaw 8/9/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6206A3

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6206a

User: User1

Date: 8/8/05

6:24:06 PM

Method Description: 200.7/SW846

2nd Rev: AB 8/10/05

Mean Data

ID: Calib Blank 1

Seq. No.: 1

A/S Pos: 1

Data: Original

Date: 8/8/05

6:25:30 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-287.7	55.18	19.18%	0	mg/L
Al 308.215	6155.7	217.11	3.53%	0	mg/L
Ba 233.527	-5.2	5.39	103.04%	0	mg/L
Ca 315.887	-15777.6	493.40	3.13%	0	mg/L
Cd 226.502	-183.3	2.92	1.59%	0	mg/L
Co 228.616	-79.4	2.48	3.13%	0	mg/L
Cu 324.754	8396.5	12.78	0.15%	0	mg/L
Fe 273.955	681.3	22.44	3.29%	0	mg/L
Mg 279.079	1161.7	194.24	16.72%	0	mg/L
Mn 257.610	463.9	4.17	0.90%	0	mg/L
Se 196.026	47.0	4.63	9.84%	0	mg/L
V 292.402	-207.5	35.20	16.96%	0	mg/L
Zn 206.200	144.0	1.11	0.77%	0	mg/L
Na 330.237	838.2	33.16	3.96%	0	mg/L
Pb 220.353	-213.0	12.38	5.81%	0	mg/L
Mo 202.030	-103.9	2.36	2.28%	0	mg/L
Sn 189.933	-20.4	2.41	11.80%	0	mg/L
Be 234.861	-342.3	2.70	0.79%	0	mg/L
As 188.979	-34.8	7.81	22.46%	0	mg/L
Sb 206.833	60.8	2.64	4.34%	0	mg/L
Cr 206.158	157.4	0.17	0.11%	0	mg/L
Pb 220.353	5.7	1.44	25.27%	0	mg/L
Ni 231.604	-7.9	4.60	57.96%	0	mg/L
Tl 190.800	-62.8	5.52	8.79%	0	mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

A/S Pos: 160

Data: Original

Date: 8/8/05

6:28:15 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1213.4	27.10	2.23%	0.010	mg/L
Al 308.215	6960.0	30.96	0.44%	0.10	mg/L
Ba 233.527	470.0	0.38	0.08%	0.010	mg/L
Ca 315.887	22783.7	10.38	0.05%	1.0	mg/L
Cd 226.502	901.8	3.75	0.42%	0.010	mg/L
Co 228.616	240.9	4.01	1.67%	0.010	mg/L
Cu 324.754	9617.9	2.41	0.03%	0.010	mg/L
Fe 273.955	1916.1	45.35	2.37%	0.10	mg/L
Mg 279.079	13616.9	80.91	0.59%	1.0	mg/L
Mn 257.610	6036.6	23.80	0.39%	0.010	mg/L
Se 196.026	118.1	5.68	4.81%	0.010	mg/L
V 292.402	1500.1	16.42	1.09%	0.010	mg/L
Zn 206.200	853.1	15.06	1.76%	0.010	mg/L
Na 330.237	1490.1	21.42	1.44%	1.0	mg/L
Ti 334.941	5236.8	32.38	0.62%	0.010	mg/L
Mo 202.030	79.7	3.68	4.62%	0.010	mg/L
Sn 189.933	63.1	5.31	8.41%	0.010	mg/L
Be 234.861	5397.2	23.77	0.44%	0.010	mg/L
As 188.979	-4.8	1.25	25.85%	0.010	mg/L
Sb 206.833	98.9	1.49	1.51%	0.010	mg/L
Cr 206.158	411.1	7.76	1.89%	0.010	mg/L
Pb 220.353	47.1	1.35	2.87%	0.010	mg/L
Ni 231.604	208.4	5.48	2.63%	0.010	mg/L
Tl 190.800	-45.6	1.82	4.00%	0.010	mg/L

6206

All elements were reported.

Do not report: 18778-019-(Pb), Zn

Mean Data

ID: Calib Std 2

Seq. No.: 3

A/S Pos: 3

Data: Original

Date: 8/8/05

6:31:08 PM

800100

Element	Mean Corr.			Calib	
	Intensity	Std.Dev.	RSD	Conc.	Units
Ag 328.068	76446.6	248.00	0.32%	0.50	mg/L
Al 308.215	95137.5	339.08	0.36%	5.0	mg/L
Ba 233.527	24154.0	97.09	0.40%	0.50	mg/L
Ca 315.887	2007006.8	98.98	0.00%	50	mg/L
Cd 226.502	54198.9	35.46	0.07%	0.50	mg/L
Co 228.616	15550.9	42.32	0.27%	0.50	mg/L
Cu 324.754	81657.4	589.69	0.72%	0.50	mg/L
Fe 273.955	78499.6	188.97	0.24%	5.0	mg/L
Mg 279.079	680021.5	1245.18	0.18%	50	mg/L
Mn 257.610	281450.6	751.76	0.27%	0.50	mg/L
Se 196.026	3554.0	4.10	0.12%	0.50	mg/L
V 292.402	87521.0	275.87	0.32%	0.50	mg/L
Zn 206.200	23937.5	70.11	0.29%	0.50	mg/L
Na 330.237	39376.1	242.03	0.61%	50	mg/L
Ti 334.941	278800.3	944.41	0.34%	0.50	mg/L
Mo 202.030	8640.0	61.67	0.71%	0.50	mg/L
Sn 189.933	4806.8	28.07	0.58%	0.50	mg/L
Be 234.861	291566.7	781.27	0.27%	0.50	mg/L
As 188.979	1423.5	4.38	0.31%	0.50	mg/L
Sb 206.833	2029.9	7.05	0.35%	0.50	mg/L
Cr 206.158	13063.4	90.84	0.70%	0.50	mg/L
Pb 220.353	2392.0	4.16	0.17%	0.50	mg/L
Ni 231.604	10500.0	43.66	0.42%	0.50	mg/L
Tl 190.800	807.6	4.09	0.51%	0.50	mg/L

Mean Data
ID: Calib Std 3

Seq. No.: 4
Data: Original

A/S Pos: 2
Date: 8/8/05 6:33:52 PM

Element	Mean Corr.			Calib	
	Intensity	Std.Dev.	RSD	Conc.	Units
Ag 328.068	157269.0	142.27	0.09%	1.0	mg/L
Al 308.215	178391.2	126.47	0.07%	10	mg/L
Ba 233.527	45637.1	164.96	0.36%	1.0	mg/L
Ca 315.887	3912845.8	3038.84	0.08%	100	mg/L
Cd 226.502	105756.1	14.27	0.01%	1.0	mg/L
Co 228.616	30707.0	14.81	0.05%	1.0	mg/L
Cu 324.754	155597.0	301.67	0.19%	1.0	mg/L
Fe 273.955	151947.6	355.04	0.23%	10	mg/L
Mg 279.079	1340322.6	276.05	0.02%	100	mg/L
Mn 257.610	541213.0	779.21	0.14%	1.0	mg/L
Se 196.026	6991.0	35.44	0.51%	1.0	mg/L
V 292.402	169357.3	425.63	0.25%	1.0	mg/L
Zn 206.200	45235.2	252.01	0.56%	1.0	mg/L
Na 330.237	82518.5	26.42	0.03%	100	mg/L
Ti 334.941	542793.3	41.18	0.01%	1.0	mg/L
Mo 202.030	17249.8	0.40	0.00%	1.0	mg/L
Sn 189.933	9444.1	11.03	0.12%	1.0	mg/L
Be 234.861	573811.8	556.64	0.10%	1.0	mg/L
As 188.979	2797.2	3.93	0.14%	1.0	mg/L
Sb 206.833	3938.7	0.73	0.02%	1.0	mg/L
Cr 206.158	24942.3	113.76	0.46%	1.0	mg/L
Pb 220.353	4715.5	16.51	0.35%	1.0	mg/L
Ni 231.604	20613.1	143.21	0.69%	1.0	mg/L
Tl 190.800	1676.6	9.96	0.59%	1.0	mg/L

Calibration Summary
Method: PE1 Axial

Date: 8/8/05 6:34:19 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	156391.1	0.00000	0.999881
Al 308.215	3	Linear	6260.2	17324.7	0.00000	0.999819
Ba 233.527	3	Linear-thru-Zero	0.0	46171.3	0.00000	0.999508
Ca 315.887	3	Linear-thru-Zero	0.0	39329.5	0.00000	0.999890
Cd 226.502	3	Linear-thru-Zero	0.0	106283.1	0.00000	0.999907
Co 228.616	3	Linear-thru-Zero	0.0	30785.4	0.00000	0.999972
Cu 324.754	3	Linear	8220.9	147274.8	0.00000	0.999997

001509

Element	Conc.	Linear	952.8	15181.0	0.00000	0.999881
Fe 273.955	3	Linear	952.8	15181.0	0.00000	0.999881
Mg 279.079	3	Linear-thru-Zero	0.0	13442.7	0.00000	0.999968
Mn 257.610	3	Linear-thru-Zero	0.0	545555.3	0.00000	0.999767
Se 196.026	3	Linear	54.1	6949.5	0.00000	0.999987
V 292.402	3	Linear-thru-Zero	0.0	170492.6	0.00000	0.999835
Zn 206.200	3	Linear	488.4	45176.4	0.00000	0.999621
Na 330.237	3	Linear-thru-Zero	0.0	817.7	0.00000	0.999638
Ti 334.941	3	Linear-thru-Zero	0.0	545753.0	0.00000	0.999892
Mo 202.030	3	Linear-thru-Zero	0.0	17255.1	0.00000	0.999978
Sn 189.933	3	Linear	-8.2	9487.6	0.00000	0.999943
Be 234.861	3	Linear-thru-Zero	0.0	575673.3	0.00000	0.999961
As 188.979	3	Linear	-26.3	2838.7	0.00000	0.999883
Sb 206.833	3	Linear	66.0	3883.7	0.00000	0.999967
Cr 206.158	3	Linear	253.5	24874.2	0.00000	0.999773
Pb 220.353	3	Linear	8.8	4718.6	0.00000	0.999974
Ni 231.604	3	Linear	32.6	20651.1	0.00000	0.999952
Tl 190.800	3	Linear	-62.7	1739.6	0.00000	1.000000

Mean Data

ID: ICS V-4509 Seq. No.: 5 Sample No.: 7 A/S Pos: 2
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:36:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	157611.3	1.01312	0.005752	mg/L				0.57%
Al 308.215	178677.6	9.95209	0.084287	mg/L				0.85%
Ba 233.527	45520.6	0.985905	0.0059730	mg/L				0.61%
Ca 315.887	3931336.4	99.9590	0.82326	mg/L				0.82%
Cd 226.502	106167.3	0.998910	0.0080072	mg/L				0.80%
Co 228.616	30674.3	0.996391	0.0046043	mg/L				0.46%
Cu 324.754	155249.4	0.998327	0.0079451	mg/L				0.80%
Fe 273.955	152239.6	9.96553	0.088007	mg/L				0.88%
Mg 279.079	1345849.3	100.118	0.7556	mg/L				0.75%
Mn 257.610	542651.6	0.994678	0.0078249	mg/L				0.79%
Se 196.026	7005.9	1.00033	0.007024	mg/L				0.70%
V 292.402	169859.2	0.988260	0.0074074	mg/L				0.75%
Zn 206.200	45252.1	0.990865	0.0045503	mg/L				0.46%
Na 330.237	82621.2	104.153	0.4993	mg/L				0.48%
Ti 334.941	544799.3	0.998253	0.0076870	mg/L				0.77%
Mo 202.030	17210.5	0.997411	0.0031154	mg/L				0.31%
Sn 189.933	9455.5	0.997475	0.0069736	mg/L				0.70%
Be 234.861	574565.4	0.998075	0.0065278	mg/L				0.65%
As 188.979	2779.8	0.988521	0.0025872	mg/L				0.26%
Sb 206.833	3916.9	0.991438	0.0079916	mg/L				0.81%
Cr 206.158	24845.1	0.995133	0.0050506	mg/L				0.51%
Pb 220.353	4710.7	0.996460	0.0069372	mg/L				0.70%
Ni 231.604	20563.5	0.994178	0.0039283	mg/L				0.40%
Tl 190.800	1678.5	1.00294	0.000356	mg/L				0.04%

Mean Data

ID: ICV V-4847 (2) Seq. No.: 6 Sample No.: 1 A/S Pos: 159
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:38:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	158297.9	1.01753	0.001052	mg/L				0.10%
Al 308.215	179948.7	10.0255	0.02778	mg/L				0.28%
Ba 233.527	45671.5	0.989175	0.0006525	mg/L				0.07%
Ca 315.887	3938908.5	100.152	0.6078	mg/L				0.61%
Cd 226.502	106468.2	1.00174	0.005338	mg/L				0.53%
Co 228.616	30763.3	0.999281	0.0014193	mg/L				0.14%
Cu 324.754	156735.9	1.00842	0.001966	mg/L				0.19%
Fe 273.955	152808.3	10.0030	0.05374	mg/L				0.54%
Mg 279.079	1349483.8	100.388	0.4772	mg/L				0.48%
Mn 257.610	545161.3	0.999278	0.0053870	mg/L				0.54%
Se 196.026	7030.2	1.00383	0.004175	mg/L				0.42%
V 292.402	170611.2	0.992644	0.0045140	mg/L				0.45%
Zn 206.200	45539.1	0.997218	0.0015361	mg/L				0.15%
Na 330.237	83372.0	105.090	0.0566	mg/L				0.05%
Ti 334.941	546887.8	1.00208	0.004376	mg/L				0.44%

001570

Mo 202.030	17241.3	0.999197	0.0000338	mg/L	0.00%
Sn 189.933	9482.9	1.00037	0.002856	mg/L	0.29%
Be 234.861	577367.0	1.00294	0.005227	mg/L	0.52%
As 188.979	2788.3	0.991526	0.0075636	mg/L	0.76%
Sb 206.833	3939.4	0.997217	0.0027284	mg/L	0.27%
Cr 206.158	24898.8	0.997332	0.0062810	mg/L	0.63%
Pb 220.353	4737.9	1.00223	0.004286	mg/L	0.43%
Ni 231.604	20615.8	0.996710	0.0029079	mg/L	0.29%
Tl 190.800	1676.2	1.00163	0.008132	mg/L	0.81%

Mean Data

ID: ICB V-5157 Seq. No.: 7 Sample No.: 2 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:41:31 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-308.2	-0.0019705	0.00003759	mg/L				1.91%
Al 308.215	5993.5	-0.0153943	0.00013495	mg/L				0.88%
Ba 233.527	-0.3	-0.0000073	0.00003654	mg/L				501.44%
Ca 315.887	-16440.9	-0.418029	0.0065683	mg/L				1.57%
Cd 226.502	-172.4	-0.0016217	0.00002184	mg/L				1.35%
Co 228.616	-84.8	-0.0027536	0.00008638	mg/L				3.14%
Cu 324.754	8645.5	0.0028825	0.00036553	mg/L				12.68%
Fe 273.955	489.1	-0.0305448	0.00092780	mg/L				3.04%
Mg 279.079	632.7	0.0470658	0.00141229	mg/L				3.00%
Mn 257.610	533.9	0.0009786	0.00002346	mg/L				2.40%
Se 196.026	52.9	-0.0001721	0.00160536	mg/L				932.67%
V 292.402	-215.5	-0.0012637	0.00010605	mg/L				8.39%
Zn 206.200	195.1	-0.0064923	0.00010502	mg/L				1.62%
Na 330.237	909.6	1.11238	0.060027	mg/L				5.40%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-179.3	-0.0003286	0.00002486	mg/L				7.56%
Mo 202.030	-88.3	-0.0051166	0.00029605	mg/L				5.79%
Sn 189.933	14.7	0.0024141	0.00036891	mg/L				15.28%
Be 234.861	-281.5	-0.0004890	0.00001863	mg/L				3.81%
As 188.979	-36.1	-0.0034269	0.00129521	mg/L				37.79%
Sb 206.833	59.0	-0.0017847	0.00040094	mg/L				22.47%
Cr 206.158	155.4	-0.0039447	0.00038014	mg/L				9.64%
Pb 220.353	5.3	-0.0007474	0.00007599	mg/L				10.17%
Ni 231.604	-5.4	-0.0018425	0.00005057	mg/L				2.74%
Tl 190.800	-60.3	0.0013683	0.00141279	mg/L				103.25%

Mean Data

ID: ICSA V-4505 Seq. No.: 8 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:44:42 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-220.2	-0.0014081	0.00001520	mg/L				1.08%
Al 308.215	7782542.4	448.771	1.6241	mg/L				0.36%
Ba 233.527	-89.7	-0.0019432	0.00009315	mg/L				4.79%
Ca 315.887	17333361.1	440.722	2.1566	mg/L				0.49%
Cd 226.502	1578.8	0.0008541	0.00041137	mg/L				48.17%
Co 228.616	78.4	0.0025478	0.00025296	mg/L				9.93%
Cu 324.754	7902.1	0.0048559	0.00003561	mg/L				0.73%
Fe 273.955	2657278.3	174.977	0.9285	mg/L				0.53%
Mg 279.079	6707605.5	498.978	2.8397	mg/L				0.57%
Mn 257.610	-2467.9	-0.0045237	0.00000660	mg/L				0.15%
Se 196.026	-272.8	-0.0015080	0.00128503	mg/L				85.22%
V 292.402	6592.0	-0.0026491	0.00068530	mg/L				25.87%
Zn 206.200	271.6	-0.0047997	0.00003491	mg/L				0.73%
Na 330.237	703.5	-5.12980	0.065832	mg/L				1.28%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1790.6	-0.0032809	0.00000022	mg/L				0.01%
Mo 202.030	-200.3	-0.0046053	0.00042924	mg/L				9.32%
Sn 189.933	37.2	0.0047857	0.00190422	mg/L				39.79%
Be 234.861	-5669.0	0.0016236	0.00025687	mg/L				15.82%
As 188.979	-54.3	0.0006408	0.00083677	mg/L				130.58%
Sb 206.833	104.8	-0.0029803	0.00097133	mg/L				32.59%
Cr 206.158	858.2	0.0018492	0.00018396	mg/L				9.95%

Pb 220.353	-180.5	0.0005536	0.00072498	mg/L	130.95%
Ni 231.604	1021.0	0.0053434	0.00087070	mg/L	16.29%
Tl 190.800	-71.4	-0.0049670	0.00100887	mg/L	20.31%

Mean Data

ID: ICSAB V-4506 Seq. No.: 9 Sample No.: 4 A/S Pos: 6
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:48:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	159881.7	1.02232	0.002089	mg/L				0.20%
Al 308.215	7843318.8	452.253	2.5237	mg/L				0.56%
Ba 233.527	21878.3	0.473849	0.0011260	mg/L				0.24%
Ca 315.887	17435596.0	443.321	1.1040	mg/L				0.25%
Cd 226.502	99434.1	0.921489	0.0015482	mg/L				0.17%
Co 228.616	14341.4	0.465852	0.0018129	mg/L				0.39%
Cu 324.754	82314.1	0.510151	0.0028997	mg/L				0.57%
Fe 273.955	2670458.6	175.845	0.3027	mg/L				0.17%
Mg 279.079	6755675.3	502.554	1.5915	mg/L				0.32%
Mn 257.610	255854.8	0.468980	0.0009078	mg/L				0.19%
Se 196.026	6290.7	0.943170	0.0041877	mg/L				0.44%
V 292.402	84192.3	0.452151	0.0005261	mg/L				0.12%
Zn 206.200	40044.7	0.875598	0.0067013	mg/L				0.77%
Na 330.237	2417.6	-0.797589	0.0071827	mg/L				0.90%
Ti 334.941	-1749.5	-0.0032057	0.00008651	mg/L				2.70%
Mo 202.030	-199.1	-0.0044997	0.00046145	mg/L				10.26%
Sn 189.933	-0.4	0.0008203	0.00329246	mg/L				401.37%
Be 234.861	271187.3	0.482607	0.0005791	mg/L				0.12%
As 188.979	2772.6	0.996537	0.0028311	mg/L				0.28%
Sb 206.833	3890.6	0.971723	0.0017539	mg/L				0.18%
Cr 206.158	12371.2	0.470265	0.0032127	mg/L				0.68%
Pb 220.353	4299.5	0.950299	0.0077150	mg/L				0.81%
Ni 231.604	20133.9	0.930617	0.0061069	mg/L				0.66%
Tl 190.800	1604.1	0.958200	0.0003319	mg/L				0.03%

Mean Data

ID: MB 6206 (100) Seq. No.: 10 Sample No.: 1 A/S Pos: 27
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:50:51 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-285.4	-0.0018248	0.00024068	mg/L	-0.0018248	0.00024068	mg/L	13.19%
Al 308.215	6922.1	0.0382028	0.01445560	mg/L	0.0382028	0.01445560	mg/L	37.84%
Ba 233.527	0.8	0.0000173	0.00004950	mg/L	0.0000173	0.00004950	mg/L	285.87%
Ca 315.887	-11824.9	-0.300664	0.0107456	mg/L	-0.300664	0.0107456	mg/L	3.57%
Cd 226.502	-170.8	-0.0016070	0.00004625	mg/L	-0.0016070	0.00004625	mg/L	2.88%
Co 228.616	-78.2	-0.0025418	0.00000669	mg/L	-0.0025418	0.00000669	mg/L	0.26%
Cu 324.754	10645.0	0.0164596	0.00026716	mg/L	0.0164596	0.00026716	mg/L	1.62%
Fe 273.955	3936.6	0.196546	0.0040297	mg/L	0.196546	0.0040297	mg/L	2.05%
Mg 279.079	1797.6	0.133723	0.0121690	mg/L	0.133723	0.0121690	mg/L	9.10%
Mn 257.610	1359.3	0.0024916	0.00000423	mg/L	0.0024916	0.00000423	mg/L	0.17%
Se 196.026	61.5	0.0010572	0.00062715	mg/L	0.0010572	0.00062715	mg/L	59.32%
V 292.402	-219.6	-0.0012881	0.00004764	mg/L	-0.0012881	0.00004764	mg/L	3.70%
Zn 206.200	570.0	0.0018076	0.00039012	mg/L	0.0018076	0.00039012	mg/L	21.58%
Na 330.237	1135.2	1.38829	0.019444	mg/L	1.38829	0.019444	mg/L	1.40%
Ti 334.941	80.5	0.0001474	0.00004932	mg/L	0.0001474	0.00004932	mg/L	33.46%
Mo 202.030	-98.4	-0.0057003	0.00040618	mg/L	-0.0057003	0.00040618	mg/L	7.13%
Sn 189.933	173.0	0.0190991	0.00042106	mg/L	0.0190991	0.00042106	mg/L	2.20%
Be 234.861	-372.9	-0.0006477	0.00001100	mg/L	-0.0006477	0.00001100	mg/L	1.70%
As 188.979	-39.1	-0.0044836	0.00022477	mg/L	-0.0044836	0.00022477	mg/L	5.01%
Sb 206.833	63.7	-0.0005983	0.00021701	mg/L	-0.0005983	0.00021701	mg/L	36.27%
Cr 206.158	479.2	0.0090706	0.0002277	mg/L	0.0090706	0.0002277	mg/L	2.46%
Pb 220.353	9.7	0.0001867	0.00040121	mg/L	0.0001867	0.00040121	mg/L	214.87%
Ni 231.604	237.6	0.0099269	0.00023808	mg/L	0.0099269	0.00023808	mg/L	2.40%
Tl 190.800	-69.0	-0.0035847	0.00229593	mg/L	-0.0035847	0.00229593	mg/L	64.05%

Mean Data

ID: LCS 100 Seq. No.: 11 Sample No.: 2 A/S Pos: 28
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:53:41 PM

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Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	77635.0	0.496416	0.0037181	mg/L	0.496416	0.0037181	mg/L	0.75%
Al 308.215	90490.3	4.86184	0.048772	mg/L	4.86184	0.048772	mg/L	1.00%
Ba 233.527	23698.6	0.513274	0.0057115	mg/L	0.513274	0.0057115	mg/L	1.11%
Ca 315.887	1967125.0	50.0166	0.51403	mg/L	50.0166	0.51403	mg/L	1.03%
Cd 226.502	53330.4	0.501777	0.0046142	mg/L	0.501777	0.0046142	mg/L	0.92%
Co 228.616	15408.2	0.500503	0.0027082	mg/L	0.500503	0.0027082	mg/L	0.54%
Cu 324.754	82083.9	0.501532	0.0056953	mg/L	0.501532	0.0056953	mg/L	1.14%
Fe 273.955	77808.6	5.06262	0.055707	mg/L	5.06262	0.055707	mg/L	1.10%
Mg 279.079	666430.3	49.5757	0.50453	mg/L	49.5757	0.50453	mg/L	1.02%
Mn 257.610	278479.6	0.510452	0.0050665	mg/L	0.510452	0.0050665	mg/L	0.99%
Se 196.026	3387.9	0.479719	0.0013122	mg/L	0.479719	0.0013122	mg/L	0.27%
V 292.402	86537.8	0.500859	0.0035894	mg/L	0.500859	0.0035894	mg/L	0.72%
Zn 206.200	23443.0	0.508111	0.0031292	mg/L	0.508111	0.0031292	mg/L	0.62%
Na 330.237	38553.2	48.4681	0.73022	mg/L	48.4681	0.73022	mg/L	1.51%
Ti 334.941	273682.8	0.501477	0.0045802	mg/L	0.501477	0.0045802	mg/L	0.91%
Mo 202.030	8559.1	0.496029	0.0033105	mg/L	0.496029	0.0033105	mg/L	0.67%
Sn 189.933	4922.8	0.519728	0.0046807	mg/L	0.519728	0.0046807	mg/L	0.90%
Be 234.861	283626.4	0.492686	0.0054197	mg/L	0.492686	0.0054197	mg/L	1.10%
As 188.979	1384.3	0.496930	0.0019685	mg/L	0.496930	0.0019685	mg/L	0.40%
Sb 206.833	1977.7	0.492243	0.0029060	mg/L	0.492243	0.0029060	mg/L	0.59%
Cr 206.158	12794.8	0.504185	0.0029652	mg/L	0.504185	0.0029652	mg/L	0.59%
Pb 220.353	2363.0	0.498907	0.0026226	mg/L	0.498907	0.0026226	mg/L	0.53%
Ni 231.604	10399.8	0.502018	0.0034572	mg/L	0.502018	0.0034572	mg/L	0.69%
Tl 190.800	787.8	0.488930	0.0015398	mg/L	0.488930	0.0015398	mg/L	0.31%

Mean Data

ID: LCS 100 MR Seq. No.: 12 Sample No.: 3 A/S Pos: 29
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 6:57:22 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	78824.6	0.504022	0.0049506	mg/L	0.504022	0.0049506	mg/L	0.98%
Al 308.215	93215.1	5.01912	0.073881	mg/L	5.01912	0.073881	mg/L	1.47%
Ba 233.527	24083.2	0.521605	0.0088722	mg/L	0.521605	0.0088722	mg/L	1.70%
Ca 315.887	1997623.8	50.7920	0.81713	mg/L	50.7920	0.81713	mg/L	1.61%
Cd 226.502	54174.0	0.509714	0.0066217	mg/L	0.509714	0.0066217	mg/L	1.30%
Co 228.616	15648.4	0.508305	0.0017133	mg/L	0.508305	0.0017133	mg/L	0.34%
Cu 324.754	83510.7	0.511220	0.0059905	mg/L	0.511220	0.0059905	mg/L	1.17%
Fe 273.955	78436.3	5.10397	0.076761	mg/L	5.10397	0.076761	mg/L	1.50%
Mg 279.079	676293.3	50.3094	0.75889	mg/L	50.3094	0.75889	mg/L	1.51%
Mn 257.610	282338.7	0.517525	0.0075694	mg/L	0.517525	0.0075694	mg/L	1.46%
Se 196.026	3425.3	0.485107	0.0019582	mg/L	0.485107	0.0019582	mg/L	0.40%
V 292.402	87962.7	0.509117	0.0070904	mg/L	0.509117	0.0070904	mg/L	1.39%
Zn 206.200	24084.8	0.522318	0.0086206	mg/L	0.522318	0.0086206	mg/L	1.65%
Na 330.237	39334.2	49.4602	0.73378	mg/L	49.4602	0.73378	mg/L	1.48%
Ti 334.941	277558.2	0.508578	0.0073840	mg/L	0.508578	0.0073840	mg/L	1.45%
Mo 202.030	8722.3	0.505492	0.0035010	mg/L	0.505492	0.0035010	mg/L	0.69%
Sn 189.933	5000.9	0.527960	0.0037391	mg/L	0.527960	0.0037391	mg/L	0.71%
Be 234.861	287685.2	0.499737	0.0066704	mg/L	0.499737	0.0066704	mg/L	1.33%
As 188.979	1404.6	0.504069	0.0036643	mg/L	0.504069	0.0036643	mg/L	0.73%
Sb 206.833	2019.5	0.503012	0.0029901	mg/L	0.503012	0.0029901	mg/L	0.59%
Cr 206.158	13191.7	0.520143	0.0052545	mg/L	0.520143	0.0052545	mg/L	1.01%
Pb 220.353	2407.0	0.508239	0.0042936	mg/L	0.508239	0.0042936	mg/L	0.84%
Ni 231.604	10634.6	0.513385	0.0052745	mg/L	0.513385	0.0052745	mg/L	1.03%
Tl 190.800	800.8	0.496378	0.0026502	mg/L	0.496378	0.0026502	mg/L	0.53%

Mean Data

ID: 18778-008 Seq. No.: 13 Sample No.: 4 A/S Pos: 30
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:01:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1265.2	-0.0080897	0.00002744	mg/L	-0.0080897	0.00002744	mg/L	0.34%
Al 308.215	297863.2	16.8316	0.23395	mg/L	16.8316	0.23395	mg/L	1.39%
Ba 233.527	8296.9	0.179698	0.0001448	mg/L	0.179698	0.0001448	mg/L	0.08%
Ca 315.887	18284.0	0.464894	0.0085827	mg/L	0.464894	0.0085827	mg/L	1.85%
Cd 226.502	397.5	-0.0016306	0.00004020	mg/L	-0.0016306	0.00004020	mg/L	2.47%

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Co 228.616	390.7	0.0126898	0.00012653	mg/L	0.0126898	0.00012653	mg/L	1.00%
Cu 324.754	14568.2	0.0430977	0.00005706	mg/L	0.0430977	0.00005706	mg/L	0.13%
Fe 273.955	1019950.9	67.1232	1.02250	mg/L	67.1232	1.02250	mg/L	1.52%
Mg 279.079	91768.0	6.82661	0.029509	mg/L	6.82661	0.029509	mg/L	0.43%
Mn 257.610	122208.7	0.224008	0.0011717	mg/L	0.224008	0.0011717	mg/L	0.52%
Se 196.026	-42.6	0.0062265	0.00026680	mg/L	0.0062265	0.00026680	mg/L	4.28%
V 292.402	14483.8	0.0950368	0.00075785	mg/L	0.0950368	0.00075785	mg/L	0.80%
Zn 206.200	9099.2	0.190604	0.0016229	mg/L	0.190604	0.0016229	mg/L	0.85%
Na 330.237	1465.2	1.28143	0.016203	mg/L	1.28143	0.016203	mg/L	1.26%
Ti 334.941	491988.4	0.901485	0.0167760	mg/L	0.901485	0.0167760	mg/L	1.86%
Mo 202.030	-97.8	-0.0056671	0.00031206	mg/L	-0.0056671	0.00031206	mg/L	5.51%
Sn 189.933	229.7	0.0250749	0.00020690	mg/L	0.0250749	0.00020690	mg/L	0.83%
Be 234.861	-2046.8	0.0008451	0.00008130	mg/L	0.0008451	0.00008130	mg/L	9.62%
As 188.979	111.5	0.0485635	0.00100165	mg/L	0.0485635	0.00100165	mg/L	2.06%
Sb 206.833	75.5	0.0024553	0.00014051	mg/L	0.0024553	0.00014051	mg/L	5.72%
Cr 206.158	2035.9	0.0716545	0.00010488	mg/L	0.0716545	0.00010488	mg/L	0.15%
Pb 220.353	549.7	0.114625	0.0009367	mg/L	0.114625	0.0009367	mg/L	0.82%
Ni 231.604	1385.7	0.0536123	0.00056819	mg/L	0.0536123	0.00056819	mg/L	1.06%
Tl 190.800	-82.4	-0.0040869	0.00130249	mg/L	-0.0040869	0.00130249	mg/L	31.87%

Mean Data

ID: 18778-008 MR Seq. No.: 14 Sample No.: 5 A/S Pos: 31
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:04:08 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1156.5	-0.0073950	0.00007391	mg/L	-0.0073950	0.00007391	mg/L	1.00%
Al 308.215	285243.4	16.1032	0.05774	mg/L	16.1032	0.05774	mg/L	0.36%
Ba 233.527	8055.0	0.174458	0.0003646	mg/L	0.174458	0.0003646	mg/L	0.21%
Ca 315.887	17400.6	0.442431	0.0284323	mg/L	0.442431	0.0284323	mg/L	6.43%
Cd 226.502	393.6	-0.0016358	0.00011107	mg/L	-0.0016358	0.00011107	mg/L	6.79%
Co 228.616	374.6	0.0121675	0.00002647	mg/L	0.0121675	0.00002647	mg/L	0.22%
Cu 324.754	14256.8	0.0409835	0.00068281	mg/L	0.0409835	0.00068281	mg/L	1.67%
Fe 273.955	1013960.8	66.7286	1.02672	mg/L	66.7286	1.02672	mg/L	1.54%
Mg 279.079	84675.3	6.29899	0.056668	mg/L	6.29899	0.056668	mg/L	0.90%
Mn 257.610	123322.2	0.226049	0.0014350	mg/L	0.226049	0.0014350	mg/L	0.63%
Se 196.026	-29.3	0.0080195	0.00093759	mg/L	0.0080195	0.00093759	mg/L	11.69%
V 292.402	15318.8	0.0998751	0.00078596	mg/L	0.0998751	0.00078596	mg/L	0.79%
Zn 206.200	8967.5	0.187689	0.0033357	mg/L	0.187689	0.0033357	mg/L	1.78%
Na 330.237	1305.9	1.08964	0.001156	mg/L	1.08964	0.001156	mg/L	0.11%
Ti 334.941	432181.1	0.791899	0.0066551	mg/L	0.791899	0.0066551	mg/L	0.84%
Mo 202.030	-106.5	-0.0061724	0.00021958	mg/L	-0.0061724	0.00021958	mg/L	3.56%
Sn 189.933	235.3	0.0256581	0.00052482	mg/L	0.0256581	0.00052482	mg/L	2.05%
Be 234.861	-2165.9	0.0006122	0.00008075	mg/L	0.0006122	0.00008075	mg/L	13.19%
As 188.979	111.3	0.0485000	0.00141456	mg/L	0.0485000	0.00141456	mg/L	2.92%
Sb 206.833	71.8	0.0015052	0.00003117	mg/L	0.0015052	0.00003117	mg/L	2.07%
Cr 206.158	2097.3	0.0741215	0.00192506	mg/L	0.0741215	0.00192506	mg/L	2.60%
Pb 220.353	518.2	0.107945	0.0004878	mg/L	0.107945	0.0004878	mg/L	0.45%
Ni 231.604	1402.7	0.0545030	0.00036074	mg/L	0.0545030	0.00036074	mg/L	0.66%
Tl 190.800	-81.2	-0.0042512	0.00293967	mg/L	-0.0042512	0.00293967	mg/L	69.15%

Mean Data

ID: 18778-008 MS 1 Seq. No.: 15 Sample No.: 6 A/S Pos: 32
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:07:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71185.4	0.462790	0.0023523	mg/L	0.462790	0.0023523	mg/L	0.51%
Al 308.215	559084.2	31.9095	0.25876	mg/L	31.9095	0.25876	mg/L	0.81%
Ba 233.527	31430.7	0.680740	0.0043131	mg/L	0.680740	0.0043131	mg/L	0.63%
Ca 315.887	1868341.3	47.5049	0.39099	mg/L	47.5049	0.39099	mg/L	0.82%
Cd 226.502	50382.5	0.466862	0.0029798	mg/L	0.466862	0.0029798	mg/L	0.64%
Co 228.616	14866.2	0.482897	0.0006532	mg/L	0.482897	0.0006532	mg/L	0.14%
Cu 324.754	83910.2	0.513932	0.0023256	mg/L	0.513932	0.0023256	mg/L	0.45%
Fe 273.955	1362809.7	89.7079	0.59392	mg/L	89.7079	0.59392	mg/L	0.66%
Mg 279.079	736768.4	54.8081	0.45372	mg/L	54.8081	0.45372	mg/L	0.83%
Mn 257.610	398235.8	0.729964	0.0045713	mg/L	0.729964	0.0045713	mg/L	0.63%
Se 196.026	2957.1	0.444647	0.0015802	mg/L	0.444647	0.0015802	mg/L	0.36%
V 292.402	95655.8	0.567107	0.0026918	mg/L	0.567107	0.0026918	mg/L	0.47%
Zn 206.200	33149.6	0.722970	0.0049140	mg/L	0.722970	0.0049140	mg/L	0.68%

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Na	330.237	35939.1	45.9192	0.38656	mg/L	45.9192	0.38656	mg/L	0.84%
Ti	334.941	780849.7	1.43077	0.009876	mg/L	1.43077	0.009876	mg/L	0.69%
Mo	202.030	7674.1	0.444743	0.0014575	mg/L	0.444743	0.0014575	mg/L	0.33%
Sn	189.933	4742.3	0.500702	0.0002962	mg/L	0.500702	0.0002962	mg/L	0.06%
Se	234.861	259316.0	0.456338	0.0035218	mg/L	0.456338	0.0035218	mg/L	0.77%
As	188.979	1438.1	0.521271	0.0003760	mg/L	0.521271	0.0003760	mg/L	0.07%
Sb	206.833	1577.8	0.389272	0.0002398	mg/L	0.389272	0.0002398	mg/L	0.06%
Cr	206.158	14114.6	0.557246	0.0017657	mg/L	0.557246	0.0017657	mg/L	0.32%
Pb	220.353	2802.6	0.592071	0.0018008	mg/L	0.592071	0.0018008	mg/L	0.30%
Ni	231.604	11401.6	0.534608	0.0004120	mg/L	0.534608	0.0004120	mg/L	0.08%
Tl	190.800	699.4	0.449570	0.0027027	mg/L	0.449570	0.0027027	mg/L	0.60%

Mean Data

ID: 18778-008 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 33
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:10:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	71197.6	0.463859	0.0025426	mg/L	0.463859	0.0025426	mg/L	0.55%
Al	308.215	588729.2	33.6206	0.25797	mg/L	33.6206	0.25797	mg/L	0.77%
Ba	233.527	31850.3	0.689829	0.0035460	mg/L	0.689829	0.0035460	mg/L	0.51%
Ca	315.887	1876050.1	47.7009	0.40743	mg/L	47.7009	0.40743	mg/L	0.85%
Cd	226.502	50512.1	0.468250	0.0033126	mg/L	0.468250	0.0033126	mg/L	0.71%
Co	228.616	14917.2	0.484555	0.0010537	mg/L	0.484555	0.0010537	mg/L	0.22%
Cu	324.754	84186.3	0.515807	0.0035071	mg/L	0.515807	0.0035071	mg/L	0.68%
Fe	273.955	1331046.1	87.6156	0.70203	mg/L	87.6156	0.70203	mg/L	0.80%
Mg	279.079	748491.6	55.6802	0.46972	mg/L	55.6802	0.46972	mg/L	0.84%
Mn	257.610	408729.1	0.749198	0.0062108	mg/L	0.749198	0.0062108	mg/L	0.83%
Se	196.026	2994.6	0.449418	0.0014847	mg/L	0.449418	0.0014847	mg/L	0.33%
V	292.402	96082.1	0.569175	0.0048426	mg/L	0.569175	0.0048426	mg/L	0.85%
Zn	206.200	33381.7	0.728108	0.0070570	mg/L	0.728108	0.0070570	mg/L	0.97%
Na	330.237	36076.6	46.2170	0.29418	mg/L	46.2170	0.29418	mg/L	0.64%
Ti	334.941	882443.3	1.61693	0.013042	mg/L	1.61693	0.013042	mg/L	0.81%
Mo	202.030	7682.4	0.445226	0.0002272	mg/L	0.445226	0.0002272	mg/L	0.05%
Sn	189.933	4808.8	0.507714	0.0013925	mg/L	0.507714	0.0013925	mg/L	0.27%
Be	234.861	260222.4	0.457775	0.0039492	mg/L	0.457775	0.0039492	mg/L	0.86%
As	188.979	1461.1	0.529250	0.0008901	mg/L	0.529250	0.0008901	mg/L	0.17%
Sb	206.833	1549.8	0.382078	0.0007374	mg/L	0.382078	0.0007374	mg/L	0.19%
Cr	206.158	14301.1	0.564742	0.0047034	mg/L	0.564742	0.0047034	mg/L	0.83%
Pb	220.353	2847.7	0.601637	0.0000492	mg/L	0.601637	0.0000492	mg/L	0.01%
Ni	231.604	11437.4	0.536712	0.0001801	mg/L	0.536712	0.0001801	mg/L	0.03%
Tl	190.800	704.2	0.453809	0.0001784	mg/L	0.453809	0.0001784	mg/L	0.04%

Mean Data

ID: 18778-008 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 34
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:14:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	75588.2	0.491266	0.0006567	mg/L	0.491266	0.0006567	mg/L	0.13%
Al	308.215	463279.4	26.3796	0.10849	mg/L	26.3796	0.10849	mg/L	0.41%
Ba	233.527	32482.6	0.703523	0.0029755	mg/L	0.703523	0.0029755	mg/L	0.42%
Ca	315.887	2015336.6	51.2424	0.42851	mg/L	51.2424	0.42851	mg/L	0.84%
Cd	226.502	54672.8	0.508208	0.0031720	mg/L	0.508208	0.0031720	mg/L	0.62%
Co	228.616	16079.9	0.522321	0.0012253	mg/L	0.522321	0.0012253	mg/L	0.23%
Cu	324.754	89405.3	0.551244	0.0002391	mg/L	0.551244	0.0002391	mg/L	0.04%
Fe	273.955	1177207.6	77.4820	0.51054	mg/L	77.4820	0.51054	mg/L	0.66%
Mg	279.079	781338.8	58.1237	0.42198	mg/L	58.1237	0.42198	mg/L	0.73%
Mn	257.610	404073.3	0.740664	0.0046800	mg/L	0.740664	0.0046800	mg/L	0.63%
Se	196.026	3281.0	0.487594	0.0004318	mg/L	0.487594	0.0004318	mg/L	0.09%
V	292.402	100322.8	0.592195	0.0035524	mg/L	0.592195	0.0035524	mg/L	0.60%
Zn	206.200	33488.3	0.730467	0.0079700	mg/L	0.730467	0.0079700	mg/L	1.09%
Na	330.237	39313.0	50.1904	0.12473	mg/L	50.1904	0.12473	mg/L	0.25%
Ti	334.941	813958.7	1.49144	0.009133	mg/L	1.49144	0.009133	mg/L	0.61%
Mo	202.030	8509.8	0.493177	0.0022400	mg/L	0.493177	0.0022400	mg/L	0.45%
Sn	189.933	5138.7	0.542480	0.0003895	mg/L	0.542480	0.0003895	mg/L	0.07%
Be	234.861	282845.8	0.496410	0.0033172	mg/L	0.496410	0.0033172	mg/L	0.67%
As	188.979	1563.5	0.560067	0.0047183	mg/L	0.560067	0.0047183	mg/L	0.84%
Sb	206.833	1906.8	0.473998	0.0025362	mg/L	0.473998	0.0025362	mg/L	0.54%
Cr	206.158	14843.3	0.586543	0.0033676	mg/L	0.586543	0.0033676	mg/L	0.57%

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Pb 220.353	2945.4	0.622339	0.0013029 mg/L	0.622339	0.0013029 mg/L	0.21%
Ni 231.604	11960.8	0.563856	0.0020397 mg/L	0.563856	0.0020397 mg/L	0.36%
Tl 190.800	780.5	0.496665	0.0064713 mg/L	0.496665	0.0064713 mg/L	1.30%

Mean Data

ID: CCV V-4510 Seq. No.: 18 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:18:26 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	75766.2	0.484467	0.0041039	mg/L				0.85%
Al 308.215	94516.8	5.09425	0.065183	mg/L				1.28%
Ba 233.527	24143.3	0.522906	0.0046539	mg/L				0.89%
Ca 315.887	1998388.4	50.8115	0.69451	mg/L				1.37%
Cd 226.502	53925.5	0.507376	0.0067060	mg/L				1.32%
Co 228.616	15507.0	0.503711	0.0000611	mg/L				0.01%
Cu 324.754	81195.9	0.495502	0.0053335	mg/L				1.08%
Fe 273.955	78311.0	5.09572	0.061251	mg/L				1.20%
Mg 279.079	675394.8	50.2426	0.66137	mg/L				1.32%
Mn 257.610	280178.3	0.513565	0.0063080	mg/L				1.23%
Se 196.026	3524.2	0.499337	0.0005497	mg/L				0.11%
V 292.402	87172.9	0.504493	0.0062138	mg/L				1.23%
Zn 206.200	24006.5	0.520583	0.0056952	mg/L				1.09%
Na 330.237	38964.7	49.0039	0.37563	mg/L				0.77%
Ti 334.941	276706.2	0.507017	0.0064996	mg/L				1.28%
Mo 202.030	8637.4	0.500571	0.0011498	mg/L				0.23%
Sn 189.933	4806.0	0.507415	0.0003259	mg/L				0.06%
Be 234.861	288783.0	0.501644	0.0060734	mg/L				1.21%
As 188.979	1426.9	0.511932	0.0001490	mg/L				0.03%
Sb 206.833	2018.6	0.502768	0.0010138	mg/L				0.20%
Cr 206.158	13082.9	0.515771	0.0075480	mg/L				1.46%
Pb 220.353	2398.7	0.506488	0.0007402	mg/L				0.15%
Ni 231.604	10564.5	0.509991	0.0014899	mg/L				0.29%
Tl 190.800	806.0	0.499380	0.0005300	mg/L				0.11%

Mean Data

ID: CCB Seq. No.: 19 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:21:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-326.5	-0.0020877	0.00026261	mg/L				12.58%
Al 308.215	5938.5	-0.0185680	0.00254376	mg/L				13.70%
Ba 233.527	-4.4	-0.0000950	0.00000865	mg/L				9.10%
Ca 315.887	-15994.8	-0.406686	0.0024188	mg/L				0.59%
Cd 226.502	-170.5	-0.0016041	0.00001135	mg/L				0.71%
Co 228.616	-78.8	-0.0025581	0.00005667	mg/L				2.22%
Cu 324.754	8461.5	0.0016337	0.00003974	mg/L				2.43%
Fe 273.955	541.1	-0.0271239	0.00494020	mg/L				18.21%
Mg 279.079	800.7	0.0595638	0.00430930	mg/L				7.23%
Mn 257.610	526.5	0.0009652	0.00004797	mg/L				4.97%
Se 196.026	61.6	0.0010744	0.00025981	mg/L				24.18%
V 292.402	-167.2	-0.0009807	0.00005015	mg/L				5.11%
Zn 206.200	173.6	-0.0069668	0.00002959	mg/L				0.42%
Na 330.237	918.1	1.12272	0.006719	mg/L				0.60%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-217.1	-0.0003978	0.00004336	mg/L				10.90%
Mo 202.030	-93.9	-0.0054392	0.00004769	mg/L				0.88%
Sn 189.933	-16.7	-0.0009014	0.00019514	mg/L				21.65%
Be 234.861	-305.2	-0.0005301	0.00000978	mg/L				1.85%
As 188.979	-34.9	-0.0030137	0.00160595	mg/L				53.29%
Sb 206.833	61.1	-0.0012609	0.00026246	mg/L				20.81%
Cr 206.158	154.9	-0.0039679	0.00007285	mg/L				1.84%
Pb 220.353	7.3	-0.0003261	0.00005209	mg/L				15.97%
Ni 231.604	-8.4	-0.0019852	0.00021987	mg/L				11.08%
Tl 190.800	-61.7	0.0005824	0.00329737	mg/L				566.12%

Mean Data

ID: 18778-001 Seq. No.: 20 Sample No.: 9 A/S Pos: 35
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original

Date: 8/8/05

7:24:28 PM

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Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3524.0	-0.0120741	0.00087795	mg/L	-0.0120741	0.00087795	mg/L	7.27%
Al 308.215	669812.8	38.3009	0.13298	mg/L	38.3009	0.13298	mg/L	0.35%
Ba 233.527	159310.7	3.45042	0.008704	mg/L	3.45042	0.008704	mg/L	0.25%
Ca 315.887	427653.6	10.8736	0.02526	mg/L	10.8736	0.02526	mg/L	0.23%
Cd 226.502	8544.6	0.0230799	0.00001351	mg/L	0.0230799	0.00001351	mg/L	0.06%
Co 228.616	4361.5	0.141676	0.0006670	mg/L	0.141676	0.0006670	mg/L	0.47%
Cu 324.754	264868.5	1.77139	0.003388	mg/L	1.77139	0.003388	mg/L	0.19%
Fe 273.955	10875487.0	716.325	4.9665	mg/L	716.325	4.9665	mg/L	0.69%
Mg 279.079	73783.3	5.48873	0.015785	mg/L	5.48873	0.015785	mg/L	0.29%
Mn 257.610	2975289.4	5.45369	0.007070	mg/L	5.45369	0.007070	mg/L	0.13%
Se 196.026	-1158.2	0.0350805	0.00086068	mg/L	0.0350805	0.00086068	mg/L	2.45%
V 292.402	18915.1	0.218561	0.0018861	mg/L	0.218561	0.0018861	mg/L	0.86%
Zn 206.200	290021.8	6.40895	0.030360	mg/L	6.40895	0.030360	mg/L	0.47%
Na 330.237	10489.8	25.0937	0.08025	mg/L	25.0937	0.08025	mg/L	0.32%
Ti 334.941	1072490.4	1.96516	0.005049	mg/L	1.96516	0.005049	mg/L	0.26%
Mo 202.030	359.8	0.0495161	0.00077205	mg/L	0.0495161	0.00077205	mg/L	1.56%
Sn 189.933	1722.9	0.188062	0.0012926	mg/L	0.188062	0.0012926	mg/L	0.69%
Be 234.861	-19902.2	0.0123893	0.00008323	mg/L	0.0123893	0.00008323	mg/L	0.67%
As 188.979	1447.2	0.562068	0.0021426	mg/L	0.562068	0.0021426	mg/L	0.38%
Sb 206.833	339.1	0.0703248	0.00142917	mg/L	0.0703248	0.00142917	mg/L	2.03%
Cr 206.158	6546.2	0.294991	0.0012702	mg/L	0.294991	0.0012702	mg/L	0.43%
Pb 220.353	125837.8	26.6484	0.05365	mg/L	26.6484	0.05365	mg/L	0.20%
Ni 231.604	10272.2	0.368729	0.0000367	mg/L	0.368729	0.0000367	mg/L	0.01%
Tl 190.800	-130.1	-0.0085459	0.00339349	mg/L	-0.0085459	0.00339349	mg/L	39.71%

Mean Data

ID: 18778-001 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 36
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:28:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1013.4	-0.0064797	0.00016871	mg/L	-0.0064797	0.00016871	mg/L	2.60%
Al 308.215	133596.0	7.34994	0.005982	mg/L	7.34994	0.005982	mg/L	0.08%
Ba 233.527	32833.6	0.711126	0.0007231	mg/L	0.711126	0.0007231	mg/L	0.10%
Ca 315.887	74976.6	1.90637	0.001499	mg/L	1.90637	0.001499	mg/L	0.08%
Cd 226.502	1469.9	0.0001040	0.00020647	mg/L	0.0001040	0.00020647	mg/L	198.56%
Co 228.616	858.1	0.0278731	0.00019591	mg/L	0.0278731	0.00019591	mg/L	0.70%
Cu 324.754	58257.6	0.346634	0.0016032	mg/L	0.346634	0.0016032	mg/L	0.46%
Fe 273.955	2605240.4	171.549	1.2031	mg/L	171.549	1.2031	mg/L	0.70%
Mg 279.079	15079.1	1.12173	0.005256	mg/L	1.12173	0.005256	mg/L	0.47%
Mn 257.610	626325.1	1.14805	0.008083	mg/L	1.14805	0.008083	mg/L	0.70%
Se 196.026	-185.5	0.0170101	0.00090161	mg/L	0.0170101	0.00090161	mg/L	5.30%
V 292.402	3698.8	0.0474674	0.00012666	mg/L	0.0474674	0.00012666	mg/L	0.27%
Zn 206.200	62383.4	1.37007	0.001273	mg/L	1.37007	0.001273	mg/L	0.09%
Na 330.237	2820.3	5.70449	0.017649	mg/L	5.70449	0.017649	mg/L	0.31%
Ti 334.941	214824.8	0.393630	0.0000503	mg/L	0.393630	0.0000503	mg/L	0.01%
Mo 202.030	-9.7	0.0063030	0.00019830	mg/L	0.0063030	0.00019830	mg/L	3.15%
Sn 189.933	325.4	0.0351614	0.00060599	mg/L	0.0351614	0.00060599	mg/L	1.72%
Be 234.861	-4882.5	0.0027651	0.00033391	mg/L	0.0027651	0.00033391	mg/L	12.08%
As 188.979	263.4	0.112364	0.0001832	mg/L	0.112364	0.0001832	mg/L	0.16%
Sb 206.833	121.9	0.0144007	0.00074164	mg/L	0.0144007	0.00074164	mg/L	5.15%
Cr 206.158	1452.6	0.0571836	0.00096252	mg/L	0.0571836	0.00096252	mg/L	1.68%
Pb 220.353	25683.6	5.44121	0.013462	mg/L	5.44121	0.013462	mg/L	0.25%
Ni 231.604	2226.9	0.0758168	0.00056685	mg/L	0.0758168	0.00056685	mg/L	0.75%
Tl 190.800	-73.6	-0.0062603	0.00068255	mg/L	-0.0062603	0.00068255	mg/L	10.90%

Mean Data

ID: 18778-002 Seq. No.: 22 Sample No.: 11 A/S Pos: 37
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:31:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3067.5	-0.0049624	0.00007481	mg/L	-0.0049624	0.00007481	mg/L	1.51%
Al 308.215	1559593.8	89.6598	1.14528	mg/L	89.6598	1.14528	mg/L	1.28%
Ba 233.527	38025.0	0.823563	0.0097923	mg/L	0.823563	0.0097923	mg/L	1.19%
Ca 315.887	617397.5	15.6981	0.17740	mg/L	15.6981	0.17740	mg/L	1.13%

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Cd	226.502	1114.8	-0.0006048	0.00002742	mg/L	-0.0006048	0.00002742	mg/L	4.53%
Co	228.616	2559.2	0.0831315	0.00013777	mg/L	0.0831315	0.00013777	mg/L	0.17%
Cu	324.754	25288.3	0.121451	0.0015022	mg/L	0.121451	0.0015022	mg/L	1.24%
Fe	273.955	2105846.6	138.653	1.6903	mg/L	138.653	1.6903	mg/L	1.22%
Mg	279.079	388837.0	28.9256	0.34761	mg/L	28.9256	0.34761	mg/L	1.20%
Mn	257.610	1177428.7	2.15822	0.024776	mg/L	2.15822	0.024776	mg/L	1.15%
Se	196.026	-129.5	0.0151887	0.00232085	mg/L	0.0151887	0.00232085	mg/L	15.28%
V	292.402	35592.8	0.229595	0.0029263	mg/L	0.229595	0.0029263	mg/L	1.27%
Zn	206.200	21877.4	0.473456	0.0004071	mg/L	0.473456	0.0004071	mg/L	0.09%
Na	330.237	867.8	2.72209	0.025888	mg/L	2.72209	0.025888	mg/L	0.95%
Ti	334.941	1502463.2	2.75301	0.031507	mg/L	2.75301	0.031507	mg/L	1.14%
Mo	202.030	-78.2	0.0010175	0.00000700	mg/L	0.0010175	0.00000700	mg/L	0.69%
Sn	189.933	381.5	0.0489279	0.00201180	mg/L	0.0489279	0.00201180	mg/L	4.11%
Be	234.861	-746.9	0.0077924	0.00017466	mg/L	0.0077924	0.00017466	mg/L	2.24%
As	188.979	36.6	0.0359975	0.00055508	mg/L	0.0359975	0.00055508	mg/L	1.54%
Sb	206.833	90.1	0.0062166	0.00057678	mg/L	0.0062166	0.00057678	mg/L	9.28%
Cr	206.158	7496.3	0.291176	0.0006708	mg/L	0.291176	0.0006708	mg/L	0.23%
Pb	220.353	1637.2	0.351568	0.0003565	mg/L	0.351568	0.0003565	mg/L	0.10%
Ni	231.604	4247.7	0.179506	0.0000008	mg/L	0.179506	0.0000008	mg/L	0.00%
Tl	190.800	-114.4	-0.0076553	0.00255453	mg/L	-0.0076553	0.00255453	mg/L	33.37%

Mean Data

ID: ICSA V-4505 Seq. No.: 23 Sample No.: 3 A/S Pos: 5
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:34:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-189.2	-0.0012101	0.00031120	mg/L			25.72%
Al	308.215	7783616.0	448.833	1.6577	mg/L			0.37%
Ba	233.527	-94.3	-0.0020424	0.00006480	mg/L			3.17%
Ca	315.887	17363915.6	441.499	1.9458	mg/L			0.44%
Cd	226.502	1550.9	0.0005391	0.00004846	mg/L			8.99%
Co	228.616	76.8	0.0024931	0.00041014	mg/L			16.45%
Cu	324.754	7793.3	0.0041438	0.00032645	mg/L			7.88%
Fe	273.955	2667184.6	175.629	0.9833	mg/L			0.56%
Mg	279.079	6710488.3	499.193	1.9586	mg/L			0.39%
Mn	257.610	-2388.3	-0.0043777	0.00001282	mg/L			0.29%
Se	196.026	-284.9	-0.0030500	0.00001118	mg/L			0.37%
V	292.402	6798.5	-0.0013685	0.00066679	mg/L			48.73%
Zn	206.200	394.1	-0.0020872	0.00034112	mg/L			16.34%
Na	330.237	711.3	-5.12882	0.031574	mg/L			0.62%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti	334.941	-1744.6	-0.0031967	0.00008687	mg/L			2.72%
Mo	202.030	-190.8	-0.0040323	0.00001144	mg/L			0.28%
Sn	189.933	-2.9	0.0005613	0.00124470	mg/L			221.75%
Be	234.861	-5730.5	0.0015596	0.00026290	mg/L			16.86%
As	188.979	-55.6	0.0002252	0.00240154	mg/L			>999.9%
Sb	206.833	118.9	0.0006311	0.00044214	mg/L			70.06%
Cr	206.158	851.7	0.0015856	0.00022331	mg/L			14.08%
Pb	220.353	-176.5	0.0014304	0.00043815	mg/L			30.63%
Ni	231.604	1022.6	0.0053058	0.00029682	mg/L			5.59%
Tl	190.800	-69.2	-0.0037013	0.00489650	mg/L			132.29%

Mean Data

ID: ICSAB V-4506 Seq. No.: 24 Sample No.: 4 A/S Pos: 6
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 7:38:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	159760.8	1.02155	0.001088	mg/L			0.11%
Al	308.215	7887711.6	454.815	4.4421	mg/L			0.98%
Ba	233.527	22066.4	0.477924	0.0001562	mg/L			0.03%
Ca	315.887	17518886.3	445.439	2.6387	mg/L			0.59%
Cd	226.502	100273.2	0.929290	0.0010399	mg/L			0.11%
Co	228.616	14459.3	0.469679	0.0022585	mg/L			0.48%
Cu	324.754	82164.0	0.509178	0.0005056	mg/L			0.10%
Fe	273.955	2688336.4	177.023	0.5767	mg/L			0.33%
Mg	279.079	6783579.3	504.630	3.5358	mg/L			0.70%
Mn	257.610	256995.3	0.471071	0.0007165	mg/L			0.15%
Se	196.026	6265.6	0.939868	0.0092601	mg/L			0.99%

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V 292.402	84753.8	0.455340	0.0011485	mg/L	0.25%
Zn 206.200	40666.0	0.889349	0.0032162	mg/L	0.36%
Na 330.237	2442.3	-0.763470	0.0838302	mg/L	10.98%
Ti 334.941	-1708.4	-0.0031304	0.00012882	mg/L	4.12%
Mo 202.030	-194.8	-0.0042043	0.00022119	mg/L	5.26%
Sn 189.933	15.7	0.0025176	0.00221747	mg/L	88.08%
Be 234.861	271737.4	0.483639	0.0000376	mg/L	0.01%
As 188.979	2808.0	1.00907	0.006205	mg/L	0.61%
Sb 206.833	3902.5	0.974705	0.0015197	mg/L	0.16%
Cr 206.158	12516.2	0.476057	0.0040073	mg/L	0.84%
Pb 220.353	4341.6	0.959444	0.0057123	mg/L	0.60%
Ni 231.604	20408.3	0.943630	0.0094739	mg/L	1.00%
Tl 190.800	1595.2	0.953046	0.0055223	mg/L	0.58%

Mean Data

ID: CCV V-4510 Seq. No.: 25 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:41:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	75455.3	0.482478	0.0010855	mg/L				0.22%
Al 308.215	94544.7	5.09586	0.001080	mg/L				0.02%
Ba 233.527	24139.8	0.522830	0.0005262	mg/L				0.10%
Ca 315.887	2002612.9	50.9189	0.13689	mg/L				0.27%
Cd 226.502	54151.3	0.509501	0.0010335	mg/L				0.20%
Co 228.616	15508.0	0.503746	0.0007542	mg/L				0.15%
Cu 324.754	80727.7	0.492323	0.0013457	mg/L				0.27%
Fe 273.955	78570.4	5.11281	0.001193	mg/L				0.02%
Mg 279.079	676640.8	50.3353	0.16098	mg/L				0.32%
Mn 257.610	279937.1	0.513123	0.0003542	mg/L				0.07%
Se 196.026	3519.8	0.498700	0.0009213	mg/L				0.18%
V 292.402	87107.8	0.504099	0.0007397	mg/L				0.15%
Zn 206.200	24224.6	0.525412	0.0000165	mg/L				0.00%
Na 330.237	38753.2	48.7578	0.11708	mg/L				0.24%
Ti 334.941	276158.2	0.506013	0.0014059	mg/L				0.28%
Mo 202.030	8592.9	0.497992	0.0008505	mg/L				0.17%
Sn 189.933	4806.5	0.507470	0.0003849	mg/L				0.08%
Be 234.861	288390.6	0.500962	0.0005965	mg/L				0.12%
As 188.979	1413.4	0.507185	0.0021356	mg/L				0.42%
Sb 206.833	2013.1	0.501370	0.0002607	mg/L				0.05%
Cr 206.158	13077.2	0.515539	0.0037452	mg/L				0.73%
Pb 220.353	2393.2	0.505318	0.0015553	mg/L				0.31%
Ni 231.604	10447.1	0.504305	0.0036468	mg/L				0.72%
Tl 190.800	801.4	0.496734	0.0020042	mg/L				0.40%

Mean Data

ID: CCB Seq. No.: 26 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:44:02 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-295.7	-0.0018906	0.00000600	mg/L				0.32%
Al 308.215	6011.7	-0.0143465	0.00022035	mg/L				1.54%
Ba 233.527	-3.5	-0.0000769	0.00003729	mg/L				48.50%
Ca 315.887	-15818.6	-0.402208	0.0017209	mg/L				0.43%
Cd 226.502	-170.9	-0.0016082	0.00002372	mg/L				1.47%
Co 228.616	-80.6	-0.0026194	0.00004305	mg/L				1.64%
Cu 324.754	8504.1	0.0019226	0.00017117	mg/L				8.90%
Fe 273.955	683.5	-0.0177427	0.00417455	mg/L				23.53%
Mg 279.079	1037.9	0.0772081	0.00195057	mg/L				2.53%
Mn 257.610	551.6	0.0010110	0.00004398	mg/L				4.35%
Se 196.026	54.0	-0.0000133	0.00068255	mg/L				>999.9%
V 292.402	-204.4	-0.0011992	0.00001776	mg/L				1.48%
Zn 206.200	255.5	-0.0051543	0.00002930	mg/L				0.57%
Na 330.237	891.5	1.09024	0.018067	mg/L				1.66%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-202.1	-0.0003704	0.00001473	mg/L				3.98%
Mo 202.030	-100.0	-0.0057963	0.00035926	mg/L				6.20%
Sn 189.933	-19.8	-0.0012288	0.00021760	mg/L				17.71%
Be 234.861	-312.5	-0.0005428	0.00002309	mg/L				4.25%

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As 188.979	-33.2	-0.0024135	0.00083097	mg/L		34.43%
Sb 206.833	61.8	-0.0010806	0.00000208	-mg/L		0.19%
Cr 206.158	159.0	-0.0038010	0.00012937	mg/L		3.40%
Pb 220.353	13.1	0.0009055	0.00134817	mg/L		148.88%
Ni 231.604	-4.9	-0.0018181	0.00004342	mg/L		2.39%
Tl 190.800	-63.4	-0.0003853	0.00008484	mg/L		22.02%

Mean Data

ID: 18778-003 Seq. No.: 27 Sample No.: 12 A/S Pos: 38
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:46:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3392.8	-0.0044599	0.00002208	mg/L	-0.0044599	0.00002208	mg/L	0.50%
Al 308.215	1554574.0	89.3701	1.05304	mg/L	89.3701	1.05304	mg/L	1.18%
Ba 233.527	44310.2	0.959691	0.0121907	mg/L	0.959691	0.0121907	mg/L	1.27%
Ca 315.887	490888.3	12.4814	0.12120	mg/L	12.4814	0.12120	mg/L	0.97%
Cd 226.502	1091.8	-0.0000682	0.00006789	mg/L	-0.0000682	0.00006789	mg/L	99.48%
Co 228.616	2563.7	0.0832750	0.00013390	mg/L	0.0832750	0.00013390	mg/L	0.16%
Cu 324.754	18005.1	0.0716208	0.00074602	mg/L	0.0716208	0.00074602	mg/L	1.04%
Fe 273.955	1962995.1	129.243	1.5175	mg/L	129.243	1.5175	mg/L	1.17%
Mg 279.079	424437.0	31.5738	0.33363	mg/L	31.5738	0.33363	mg/L	1.06%
Mn 257.610	977267.8	1.79133	0.019202	mg/L	1.79133	0.019202	mg/L	1.07%
Se 196.026	-121.5	0.0135163	0.00198580	mg/L	0.0135163	0.00198580	mg/L	14.69%
V 292.402	34023.7	0.218978	0.0021075	mg/L	0.218978	0.0021075	mg/L	0.96%
Zn 206.200	19803.4	0.427547	0.0014573	mg/L	0.427547	0.0014573	mg/L	0.34%
Na 330.237	627.1	2.64168	0.008388	mg/L	2.64168	0.008388	mg/L	0.32%
Ti 334.941	1767282.5	3.23825	0.034898	mg/L	3.23825	0.034898	mg/L	1.08%
Mo 202.030	-113.8	-0.0014254	0.00002458	mg/L	-0.0014254	0.00002458	mg/L	1.72%
Sn 189.933	247.5	0.0361945	0.00012723	mg/L	0.0361945	0.00012723	mg/L	0.35%
Be 234.861	-941.6	0.0068375	0.00005482	mg/L	0.0068375	0.00005482	mg/L	0.80%
As 188.979	-16.3	0.0177570	0.00030164	mg/L	0.0177570	0.00030164	mg/L	1.70%
Sb 206.833	80.1	0.0036280	0.00074450	mg/L	0.0036280	0.00074450	mg/L	20.52%
Cr 206.158	6728.8	0.260319	0.0008061	mg/L	0.260319	0.0008061	mg/L	0.31%
Pb 220.353	331.9	0.0749076	0.00033937	mg/L	0.0749076	0.00033937	mg/L	0.45%
Ni 231.604	4586.9	0.197599	0.0015309	mg/L	0.197599	0.0015309	mg/L	0.77%
Tl 190.800	-115.0	-0.0041310	0.00037648	mg/L	-0.0041310	0.00037648	mg/L	9.11%

Mean Data

ID: 18778-004 Seq. No.: 28 Sample No.: 13 A/S Pos: 39
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 7:49:58 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1252.9	-0.0025171	0.00010586	mg/L	-0.0025171	0.00010586	mg/L	4.21%
Al 308.215	331982.8	18.8010	0.19722	mg/L	18.8010	0.19722	mg/L	1.05%
Ba 233.527	43381.5	0.939577	0.0075816	mg/L	0.939577	0.0075816	mg/L	0.81%
Ca 315.887	523317.5	13.3060	0.10968	mg/L	13.3060	0.10968	mg/L	0.82%
Cd 226.502	908.4	0.0016404	0.00007981	mg/L	0.0016404	0.00007981	mg/L	4.87%
Co 228.616	1332.2	0.0432733	0.00006083	mg/L	0.0432733	0.00006083	mg/L	0.14%
Cu 324.754	112163.0	0.705769	0.0077143	mg/L	0.705769	0.0077143	mg/L	1.09%
Fe 273.955	1311368.8	86.3194	0.70264	mg/L	86.3194	0.70264	mg/L	0.81%
Mg 279.079	36819.1	2.73897	0.026661	mg/L	2.73897	0.026661	mg/L	0.97%
Mn 257.610	304886.3	0.558855	0.0047794	mg/L	0.558855	0.0047794	mg/L	0.86%
Se 196.026	127.6	0.0364873	0.00195907	mg/L	0.0364873	0.00195907	mg/L	5.37%
V 292.402	23025.6	0.148022	0.0009033	mg/L	0.148022	0.0009033	mg/L	0.61%
Zn 206.200	51380.9	1.12653	0.006279	mg/L	1.12653	0.006279	mg/L	0.56%
Na 330.237	2956.7	6.44327	0.051655	mg/L	6.44327	0.051655	mg/L	0.80%
Ti 334.941	563422.9	1.03238	0.010841	mg/L	1.03238	0.010841	mg/L	1.05%
Mo 202.030	323.2	0.0187292	0.00033254	mg/L	0.0187292	0.00033254	mg/L	1.78%
Sn 189.933	989.2	0.105120	0.0000195	mg/L	0.105120	0.0000195	mg/L	0.02%
Be 234.861	733.3	0.0069328	0.00011839	mg/L	0.0069328	0.00011839	mg/L	1.71%
As 188.979	625.9	0.234942	0.0019771	mg/L	0.234942	0.0019771	mg/L	0.84%
Sb 206.833	151.4	0.0219841	0.00046621	mg/L	0.0219841	0.00046621	mg/L	2.12%
Cr 206.158	1924.6	0.0745656	0.00004116	mg/L	0.0745656	0.00004116	mg/L	0.06%
Pb 220.353	17664.9	3.74183	0.016040	mg/L	3.74183	0.016040	mg/L	0.43%
Ni 231.604	2874.3	0.122289	0.0003303	mg/L	0.122289	0.0003303	mg/L	0.27%
Tl 190.800	-84.3	-0.0041048	0.00111483	mg/L	-0.0041048	0.00111483	mg/L	27.16%

Mean Data

001580

ID: 18778-005

Seq. No.: 29

Sample No.: 14

A/S Pos: 40

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Date: 8/8/05 7:52:54 PM

Data: Original

Date: 8/8/05

7:52:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2235.8	-0.0039503	0.00021362	mg/L	-0.0039503	0.00021362	mg/L	5.41%
Al 308.215	842395.1	48.2625	0.15512	mg/L	48.2625	0.15512	mg/L	0.32%
Ba 233.527	15749.3	0.341106	0.0004798	mg/L	0.341106	0.0004798	mg/L	0.14%
Ca 315.887	245983.1	6.25442	0.074596	mg/L	6.25442	0.074596	mg/L	1.19%
Cd 226.502	772.6	-0.0009670	0.00006213	mg/L	-0.0009670	0.00006213	mg/L	6.42%
Co 228.616	1391.1	0.0451866	0.00014163	mg/L	0.0451866	0.00014163	mg/L	0.31%
Cu 324.754	41457.9	0.225680	0.0012362	mg/L	0.225680	0.0012362	mg/L	0.55%
Fe 273.955	1563714.4	102.942	0.7816	mg/L	102.942	0.7816	mg/L	0.76%
Mg 279.079	236874.6	17.6211	0.18384	mg/L	17.6211	0.18384	mg/L	1.04%
Mn 257.610	498691.8	0.914100	0.0058617	mg/L	0.914100	0.0058617	mg/L	0.64%
Se 196.026	-71.7	0.0127891	0.00102172	mg/L	0.0127891	0.00102172	mg/L	7.99%
V 292.402	21469.9	0.141394	0.0004992	mg/L	0.141394	0.0004992	mg/L	0.35%
Zn 206.200	29602.2	0.644448	0.0111959	mg/L	0.644448	0.0111959	mg/L	1.74%
Na 330.237	1377.0	3.62424	0.007618	mg/L	3.62424	0.007618	mg/L	0.21%
Ti 334.941	1060900.7	1.94392	0.010243	mg/L	1.94392	0.010243	mg/L	0.53%
Mo 202.030	-90.6	-0.0052530	0.00004523	mg/L	-0.0052530	0.00004523	mg/L	0.86%
Sn 189.933	303.5	0.0384004	0.00006781	mg/L	0.0384004	0.00006781	mg/L	0.18%
Be 234.861	-2187.1	0.0029495	0.00004358	mg/L	0.0029495	0.00004358	mg/L	1.48%
As 188.979	-3.7	0.0141462	0.00009572	mg/L	0.0141462	0.00009572	mg/L	0.68%
Sb 206.833	89.1	0.0059661	0.00171947	mg/L	0.0059661	0.00171947	mg/L	28.82%
Cr 206.158	4781.6	0.182038	0.0010784	mg/L	0.182038	0.0010784	mg/L	0.59%
Pb 220.353	556.0	0.115959	0.0005631	mg/L	0.115959	0.0005631	mg/L	0.49%
Ni 231.604	3005.6	0.125695	0.0002712	mg/L	0.125695	0.0002712	mg/L	0.22%
Tl 190.800	-92.9	-0.0017475	0.00110088	mg/L	-0.0017475	0.00110088	mg/L	63.00%

Mean Data

ID: 18778-006

Seq. No.: 30

Sample No.: 15

A/S Pos: 41

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Date: 8/8/05 7:55:48 PM

Data: Original

Date: 8/8/05

7:55:48 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2686.5	-0.0033096	0.00002723	mg/L	-0.0033096	0.00002723	mg/L	0.82%
Al 308.215	1309916.6	75.2482	0.87292	mg/L	75.2482	0.87292	mg/L	1.16%
Ba 233.527	26186.5	0.567158	0.0060424	mg/L	0.567158	0.0060424	mg/L	1.07%
Ca 315.887	453280.1	11.5252	0.10196	mg/L	11.5252	0.10196	mg/L	0.88%
Cd 226.502	776.9	0.0000512	0.00007006	mg/L	0.0000512	0.00007006	mg/L	136.89%
Co 228.616	2649.9	0.0860775	0.00001014	mg/L	0.0860775	0.00001014	mg/L	0.01%
Cu 324.754	33631.0	0.172535	0.0020783	mg/L	0.172535	0.0020783	mg/L	1.20%
Fe 273.955	1378172.1	90.7199	0.96889	mg/L	90.7199	0.96889	mg/L	1.07%
Mg 279.079	309623.2	23.0328	0.21131	mg/L	23.0328	0.21131	mg/L	0.92%
Mn 257.610	494484.8	0.906388	0.0089466	mg/L	0.906388	0.0089466	mg/L	0.99%
Se 196.026	-60.8	0.0106954	0.00190745	mg/L	0.0106954	0.00190745	mg/L	17.83%
V 292.402	29429.2	0.186242	0.0018529	mg/L	0.186242	0.0018529	mg/L	0.99%
Zn 206.200	72431.4	1.59249	0.016292	mg/L	1.59249	0.016292	mg/L	1.02%
Na 330.237	2811.2	8.29128	0.046600	mg/L	8.29128	0.046600	mg/L	0.56%
Ti 334.941	1422113.3	2.60578	0.025624	mg/L	2.60578	0.025624	mg/L	0.98%
Mo 202.030	-87.9	-0.0050915	0.00007447	mg/L	-0.0050915	0.00007447	mg/L	1.46%
Sn 189.933	548.2	0.0660788	0.00029691	mg/L	0.0660788	0.00029691	mg/L	0.45%
Be 234.861	143.4	0.0061967	0.00002295	mg/L	0.0061967	0.00002295	mg/L	0.37%
As 188.979	59.8	0.0410022	0.00168470	mg/L	0.0410022	0.00168470	mg/L	4.11%
Sb 206.833	88.4	0.0057623	0.00034674	mg/L	0.0057623	0.00034674	mg/L	6.02%
Cr 206.158	9497.4	0.382061	0.0039381	mg/L	0.382061	0.0039381	mg/L	1.03%
Pb 220.353	1110.4	0.238874	0.0007441	mg/L	0.238874	0.0007441	mg/L	0.31%
Ni 231.604	4422.5	0.196477	0.0000764	mg/L	0.196477	0.0000764	mg/L	0.04%
Tl 190.800	-113.1	-0.0080698	0.00206554	mg/L	-0.0080698	0.00206554	mg/L	25.60%

Mean Data

ID: 18778-007

Seq. No.: 31

Sample No.: 16

A/S Pos: 42

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Date: 8/8/05 7:58:50 PM

Data: Original

Date: 8/8/05

7:58:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1699.0	-0.0034767	0.00033179	mg/L	-0.0034767	0.00033179	mg/L	9.54%
Al 308.215	307087.0	17.3640	0.00047	mg/L	17.3640	0.00047	mg/L	0.00%

001501

Ba	233.527	249419.0	5.40203	0.012314 mg/L	5.40203	0.012314 mg/L	0.23%
Ca	315.887	468492.8	11.9120	0.12892 mg/L	11.9120	0.12892 mg/L	1.08%
Cd	226.502	2350.2	0.0051394	0.00025139 mg/L	0.0051394	0.00025139 mg/L	4.89%
Co	228.616	1549.1	0.0503189	0.00021241 mg/L	0.0503189	0.00021241 mg/L	0.42%
Cu	324.754	326270.4	2.16808	0.008918 mg/L	2.16808	0.008918 mg/L	0.41%
Fe	273.955	3221321.3	212.131	2.3093 mg/L	212.131	2.3093 mg/L	1.09%
Mg	279.079	44788.1	3.33178	0.005960 mg/L	3.33178	0.005960 mg/L	0.18%
Mn	257.610	608785.2	1.11590	0.011717 mg/L	1.11590	0.011717 mg/L	1.05%
Se	196.026	-134.4	0.0365380	0.00246972 mg/L	0.0365380	0.00246972 mg/L	6.76%
V	292.402	26124.9	0.185101	0.0002329 mg/L	0.185101	0.0002329 mg/L	0.13%
Zn	206.200	131036.5	2.88974	0.002717 mg/L	2.88974	0.002717 mg/L	0.09%
Na	330.237	5753.2	13.6797	0.00776 mg/L	13.6797	0.00776 mg/L	0.06%
Ti	334.941	757512.8	1.38801	0.014459 mg/L	1.38801	0.014459 mg/L	1.04%
Mo	202.030	249.7	0.0229604	0.00001587 mg/L	0.0229604	0.00001587 mg/L	0.07%
Sn	189.933	4824.5	0.509364	0.0001445 mg/L	0.509364	0.0001445 mg/L	0.03%
Be	234.861	-2578.7	0.0094276	0.00011831 mg/L	0.0094276	0.00011831 mg/L	1.25%
As	188.979	2299.3	0.832001	0.0010840 mg/L	0.832001	0.0010840 mg/L	0.13%
Sb	206.833	380.1	0.0808963	0.00126888 mg/L	0.0808963	0.00126888 mg/L	1.57%
Cr	206.158	2834.6	0.122707	0.0013837 mg/L	0.122707	0.0013837 mg/L	1.13%
Pb	220.353	128000.1	27.1196	0.09038 mg/L	27.1196	0.09038 mg/L	0.33%
Ni	231.604	4546.7	0.180947	0.0005591 mg/L	0.180947	0.0005591 mg/L	0.31%
Tl	190.800	-97.2	-0.0087081	0.00155284 mg/L	-0.0087081	0.00155284 mg/L	17.83%

Mean Data

ID: 18778-009

Sample Qty: 1.0000 mL

Seq. No.: 32

Sample No.: 17

A/S Pos: 43

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0

Data: Original

Date: 8/8/05

8:02:36 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-3037.5	-0.0049568	0.00021325 mg/L	-0.0049568	0.00021325 mg/L	4.30%	
Al	308.215	1428483.2	82.0920	1.13168 mg/L	82.0920	1.13168 mg/L	1.38%	
Ba	233.527	35790.8	0.775174	0.0120814 mg/L	0.775174	0.0120814 mg/L	1.56%	
Ca	315.887	539857.1	13.7265	0.09654 mg/L	13.7265	0.09654 mg/L	0.70%	
Cd	226.502	862.0	-0.0004636	0.00006473 mg/L	-0.0004636	0.00006473 mg/L	13.96%	
Co	228.616	1780.2	0.0578256	0.00038269 mg/L	0.0578256	0.00038269 mg/L	0.66%	
Cu	324.754	20309.7	0.0820829	0.00159576 mg/L	0.0820829	0.00159576 mg/L	1.94%	
Fe	273.955	1627679.4	107.155	1.4018 mg/L	107.155	1.4018 mg/L	1.31%	
Mg	279.079	342316.6	25.4649	0.18974 mg/L	25.4649	0.18974 mg/L	0.75%	
Mn	257.610	914568.8	1.67640	0.018607 mg/L	1.67640	0.018607 mg/L	1.11%	
Se	196.026	-72.7	0.0139052	0.00085366 mg/L	0.0139052	0.00085366 mg/L	6.14%	
V	292.402	31901.0	0.203209	0.0024147 mg/L	0.203209	0.0024147 mg/L	1.19%	
Zn	206.200	16227.1	0.348384	0.0016518 mg/L	0.348384	0.0016518 mg/L	0.47%	
Na	330.237	582.4	2.26869	0.042222 mg/L	2.26869	0.042222 mg/L	1.86%	
Ti	334.941	1483368.2	2.71802	0.024767 mg/L	2.71802	0.024767 mg/L	0.91%	
Mo	202.030	-91.3	-0.0052925	0.00059126 mg/L	-0.0052925	0.00059126 mg/L	11.17%	
Sn	189.933	250.2	0.0349940	0.00139686 mg/L	0.0349940	0.00139686 mg/L	3.99%	
Be	234.861	-668.8	0.0058632	0.00009579 mg/L	0.0058632	0.00009579 mg/L	1.63%	
As	188.979	13.4	0.0258656	0.00017867 mg/L	0.0258656	0.00017867 mg/L	0.69%	
Sb	206.833	80.4	0.0037192	0.00016724 mg/L	0.0037192	0.00016724 mg/L	4.50%	
Cr	206.158	5906.6	0.227265	0.0012809 mg/L	0.227265	0.0012809 mg/L	0.56%	
Pb	220.353	350.0	0.0782267	0.00112099 mg/L	0.0782267	0.00112099 mg/L	1.43%	
Ni	231.604	3529.4	0.150314	0.0009428 mg/L	0.150314	0.0009428 mg/L	0.63%	
Tl	190.800	-112.8	-0.0070296	0.00149474 mg/L	-0.0070296	0.00149474 mg/L	21.26%	

Mean Data

ID: 18778-010

Sample Qty: 1.0000 mL

Seq. No.: 33

Sample No.: 18

A/S Pos: 44

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0

Data: Original

Date: 8/8/05

8:05:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-581.0	-0.0037149	0.00028697 mg/L	-0.0037149	0.00028697 mg/L	7.72%	
Al	308.215	157484.3	8.72879	0.119221 mg/L	8.72879	0.119221 mg/L	1.37%	
Ba	233.527	8181.1	0.177190	0.0023518 mg/L	0.177190	0.0023518 mg/L	1.33%	
Ca	315.887	218831.0	5.56405	0.089025 mg/L	5.56405	0.089025 mg/L	1.60%	
Cd	226.502	76.9	0.0007238	0.00006437 mg/L	0.0007238	0.00006437 mg/L	8.89%	
Co	228.616	267.6	0.0086939	0.00016500 mg/L	0.0086939	0.00016500 mg/L	1.90%	
Cu	324.754	36857.3	0.194441	0.0032563 mg/L	0.194441	0.0032563 mg/L	1.67%	
Fe	273.955	313683.9	20.6001	0.32098 mg/L	20.6001	0.32098 mg/L	1.56%	
Mg	279.079	19184.4	1.42712	0.021653 mg/L	1.42712	0.021653 mg/L	1.52%	
Mn	257.610	72673.8	0.133211	0.0020336 mg/L	0.133211	0.0020336 mg/L	1.53%	

001582

Se 196.026	63.1	0.0074820	0.00155888	mg/L	0.0074820	0.00155888	mg/L	20.84%
V 292.402	8948.0	0.0524834	0.00061839	mg/L	0.0524834	0.00061839	mg/L	1.18%
Zn 206.200	8283.2	0.172542	0.0013098	mg/L	0.172542	0.0013098	mg/L	0.76%
Na 330.237	1880.2	2.29935	0.000915	mg/L	2.29935	0.000915	mg/L	0.04%
Ti 334.941	169551.1	0.310674	0.0039120	mg/L	0.310674	0.0039120	mg/L	1.26%
Mo 202.030	-16.0	-0.0009253	0.00029155	mg/L	-0.0009253	0.00029155	mg/L	31.51%
Sn 189.933	294.8	0.0319378	0.00019052	mg/L	0.0319378	0.00019052	mg/L	0.60%
Be 234.861	188.1	0.0003268	0.00001796	mg/L	0.0003268	0.00001796	mg/L	5.50%
As 188.979	35.4	0.0217500	0.00211531	mg/L	0.0217500	0.00211531	mg/L	9.73%
Sb 206.833	99.0	0.0084959	0.00047275	mg/L	0.0084959	0.00047275	mg/L	5.56%
Cr 206.158	1150.4	0.0360571	0.00014211	mg/L	0.0360571	0.00014211	mg/L	0.39%
Pb 220.353	1229.4	0.258668	0.0010603	mg/L	0.258668	0.0010603	mg/L	0.41%
Ni 231.604	979.2	0.0458357	0.00013977	mg/L	0.0458357	0.00013977	mg/L	0.30%
Tl 190.800	-73.9	-0.0064274	0.00027791	mg/L	-0.0064274	0.00027791	mg/L	4.32%

Mean Data

ID: 18778-011

Sample Qty: 1.0000 mL

Seq. No.: 34

Sample No.: 19

A/S Pos: 45

Prep. Vol.: 1.0 mL

Dilution:

1.0: 1.0

Data: Original

Date: 8/8/05

8:08:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1616.0	-0.0039835	0.00015872	mg/L	-0.0039835	0.00015872	mg/L	3.98%
Al 308.215	397318.9	22.5723	0.25951	mg/L	22.5723	0.25951	mg/L	1.15%
Ba 233.527	6795.1	0.147172	0.0007931	mg/L	0.147172	0.0007931	mg/L	0.54%
Ca 315.887	37555.7	0.954900	0.0023808	mg/L	0.954900	0.0023808	mg/L	0.25%
Cd 226.502	802.0	-0.0012329	0.00006490	mg/L	-0.0012329	0.00006490	mg/L	5.26%
Co 228.616	756.0	0.0245562	0.00014646	mg/L	0.0245562	0.00014646	mg/L	0.60%
Cu 324.754	19006.5	0.0732342	0.00019457	mg/L	0.0732342	0.00019457	mg/L	0.27%
Fe 273.955	1666603.6	109.719	0.8984	mg/L	109.719	0.8984	mg/L	0.82%
Mg 279.079	107173.0	7.97259	0.036066	mg/L	7.97259	0.036066	mg/L	0.45%
Mn 257.610	230046.9	0.421675	0.0012211	mg/L	0.421675	0.0012211	mg/L	0.29%
Se 196.026	-100.7	0.0106493	0.00074207	mg/L	0.0106493	0.00074207	mg/L	6.97%
V 292.402	28841.8	0.185651	0.0002925	mg/L	0.185651	0.0002925	mg/L	0.16%
Zn 206.200	8508.9	0.177538	0.0003429	mg/L	0.177538	0.0003429	mg/L	0.19%
Na 330.237	753.8	0.731115	0.0399627	mg/L	0.731115	0.0399627	mg/L	5.47%
Ti 334.941	651095.0	1.19302	0.012687	mg/L	1.19302	0.012687	mg/L	1.06%
Mo 202.030	-71.7	-0.0041553	0.00015132	mg/L	-0.0041553	0.00015132	mg/L	3.64%
Sn 189.933	214.5	0.0234656	0.00010949	mg/L	0.0234656	0.00010949	mg/L	0.47%
Be 234.861	-2729.3	0.0024520	0.00010346	mg/L	0.0024520	0.00010346	mg/L	4.22%
As 188.979	-17.1	0.0098218	0.00043969	mg/L	0.0098218	0.00043969	mg/L	4.48%
Sb 206.833	89.9	0.0061682	0.00005931	mg/L	0.0061682	0.00005931	mg/L	0.96%
Cr 206.158	3710.5	0.138978	0.0002045	mg/L	0.138978	0.0002045	mg/L	0.15%
Pb 220.353	989.3	0.207786	0.0011097	mg/L	0.207786	0.0011097	mg/L	0.53%
Ni 231.604	1956.0	0.0736679	0.00035425	mg/L	0.0736679	0.00035425	mg/L	0.48%
Tl 190.800	-93.6	-0.0081764	0.00242390	mg/L	-0.0081764	0.00242390	mg/L	29.65%

Mean Data

ID: 18778-012

Sample Qty: 1.0000 mL

Seq. No.: 35

Sample No.: 20

A/S Pos: 46

Prep. Vol.: 1.0 mL

Dilution:

1.0: 1.0

Data: Original

Date: 8/8/05

8:11:22 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2379.4	-0.0040343	0.00002685	mg/L	-0.0040343	0.00002685	mg/L	0.67%
Al 308.215	1115687.4	64.0371	0.70642	mg/L	64.0371	0.70642	mg/L	1.10%
Ba 233.527	32394.0	0.701604	0.0050363	mg/L	0.701604	0.0050363	mg/L	0.72%
Ca 315.887	709762.8	18.0466	0.13520	mg/L	18.0466	0.13520	mg/L	0.75%
Cd 226.502	738.9	-0.0008781	0.00016204	mg/L	-0.0008781	0.00016204	mg/L	18.45%
Co 228.616	1624.2	0.0527579	0.00015237	mg/L	0.0527579	0.00015237	mg/L	0.29%
Cu 324.754	21868.7	0.0926688	0.00092522	mg/L	0.0926688	0.00092522	mg/L	1.00%
Fe 273.955	1486530.6	97.8576	0.78446	mg/L	97.8576	0.78446	mg/L	0.80%
Mg 279.079	278485.0	20.7165	0.17896	mg/L	20.7165	0.17896	mg/L	0.86%
Mn 257.610	650239.2	1.19188	0.010524	mg/L	1.19188	0.010524	mg/L	0.88%
Se 196.026	-58.8	0.0131154	0.00038758	mg/L	0.0131154	0.00038758	mg/L	2.96%
V 292.402	24612.4	0.159062	0.0015043	mg/L	0.159062	0.0015043	mg/L	0.95%
Zn 206.200	18705.3	0.403240	0.0009265	mg/L	0.403240	0.0009265	mg/L	0.23%
Na 330.237	1536.9	3.31619	0.041978	mg/L	3.31619	0.041978	mg/L	1.27%
Ti 334.941	1146450.2	2.10068	0.022477	mg/L	2.10068	0.022477	mg/L	1.07%
Mo 202.030	-92.9	-0.0053859	0.00014586	mg/L	-0.0053859	0.00014586	mg/L	2.71%
Sn 189.933	251.6	0.0333764	0.00025015	mg/L	0.0333764	0.00025015	mg/L	0.75%
Be 234.861	-782.5	0.0050561	0.00016131	mg/L	0.0050561	0.00016131	mg/L	3.19%

001553

As 188.979	52.2	0.0335533	0.00085004	mg/L	0.0335533	0.00085004	mg/L	2.53%
Sb 206.833	82.7	0.0042994	0.00055968	mg/L	0.0042994	0.00055968	mg/L	13.02%
Cr 206.158	5985.8	0.230448	0.0019657	mg/L	0.230448	0.0019657	mg/L	0.85%
Pb 220.353	817.6	0.171405	0.0017674	mg/L	0.171405	0.0017674	mg/L	1.03%
Ni 231.604	3125.7	0.132413	0.0005366	mg/L	0.132413	0.0005366	mg/L	0.41%
Tl 190.800	-102.2	-0.0058621	0.00204930	mg/L	-0.0058621	0.00204930	mg/L	34.96%

Mean Data

ID: CCV V-4510 Seq. No.: 36 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 8:14:17 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	76026.2	0.486129	0.0031001	mg/L				0.64%
Al 308.215	94253.9	5.07907	0.041005	mg/L				0.81%
Ba 233.527	23715.2	0.513635	0.0000887	mg/L				0.02%
Ca 315.887	2018249.3	51.3165	0.13624	mg/L				0.27%
Cd 226.502	54308.5	0.510979	0.0009430	mg/L				0.18%
Co 228.616	15579.7	0.506074	0.0005496	mg/L				0.11%
Cu 324.754	80319.5	0.489551	0.0060722	mg/L				1.24%
Fe 273.955	78476.3	5.10660	0.026597	mg/L				0.52%
Mg 279.079	680500.2	50.6224	0.18123	mg/L				0.36%
Mn 257.610	281392.4	0.515791	0.0023672	mg/L				0.46%
Se 196.026	3531.7	0.500415	0.0006203	mg/L				0.12%
V 292.402	87207.6	0.504645	0.0026796	mg/L				0.53%
Zn 206.200	24231.3	0.525559	0.0017923	mg/L				0.34%
Na 330.237	39021.2	49.0859	0.39817	mg/L				0.81%
Ti 334.941	278898.6	0.511034	0.0033404	mg/L				0.65%
Mo 202.030	8607.9	0.498859	0.0000713	mg/L				0.01%
Sn 189.933	4822.4	0.509146	0.0019242	mg/L				0.38%
Be 234.861	290321.6	0.504317	0.0026524	mg/L				0.53%
As 188.979	1407.8	0.505211	0.0006628	mg/L				0.13%
Sb 206.833	2007.4	0.499892	0.0016060	mg/L				0.32%
Cr 206.158	13013.4	0.512976	0.0036518	mg/L				0.71%
Pb 220.353	2414.0	0.509716	0.0015317	mg/L				0.30%
Ni 231.604	10452.4	0.504564	0.0006121	mg/L				0.12%
Tl 190.800	807.6	0.500283	0.0041917	mg/L				0.84%

Mean Data

ID: CCB Seq. No.: 37 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 8:17:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-325.1	-0.0020789	0.00025849	mg/L				12.43%
Al 308.215	5649.2	-0.0352668	0.00137104	mg/L				3.89%
Ba 233.527	20.1	0.0004350	0.00003611	mg/L				8.30%
Ca 315.887	-15362.4	-0.390607	0.0080034	mg/L				2.05%
Cd 226.502	-172.8	-0.0016258	0.00008095	mg/L				4.98%
Co 228.616	-79.9	-0.0025963	0.00001575	mg/L				0.61%
Cu 324.754	8383.3	0.0011026	0.00008088	mg/L				7.34%
Fe 273.955	752.8	-0.0131778	0.00705711	mg/L				53.55%
Mg 279.079	746.2	0.0555077	0.00193632	mg/L				3.49%
Mn 257.610	555.6	0.0010185	0.00006789	mg/L				6.67%
Se 196.026	51.6	-0.0003661	0.00007723	mg/L				21.09%
V 292.402	-195.2	-0.0011450	0.00001861	mg/L				1.63%
Zn 206.200	211.8	-0.0061223	0.00021448	mg/L				3.50%
Na 330.237	877.1	1.07259	0.001187	mg/L				0.11%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-170.4	-0.0003122	0.00004188	mg/L				13.41%
Mo 202.030	-90.8	-0.0052595	0.00045306	mg/L				8.61%
Sn 189.933	-23.5	-0.0016188	0.00032945	mg/L				20.35%
Be 234.861	-345.3	-0.0005997	0.00000687	mg/L				1.15%
As 188.979	-34.1	-0.0027406	0.00051463	mg/L				18.78%
Sb 206.833	62.6	-0.0008630	0.00007724	mg/L				8.95%
Cr 206.158	154.5	-0.0039832	0.00009508	mg/L				2.39%
Pb 220.353	21.5	0.0026936	0.00004840	mg/L				1.80%
Ni 231.604	-5.1	-0.0018277	0.00059948	mg/L				32.80%
Tl 190.800	-59.7	0.0017182	0.00258848	mg/L				150.65%

Mean Data

ID: 18778-013

Seq. No.: 38

Sample No.: 21

A/S Pos: 47

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:19:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-878.2	-0.0056153	0.00025637	mg/L	-0.0056153	0.00025637	mg/L	4.57%
Al 308.215	122939.8	6.73486	0.094777	mg/L	6.73486	0.094777	mg/L	1.41%
Ba 233.527	11414.7	0.247224	0.0026872	mg/L	0.247224	0.0026872	mg/L	1.09%
Ca 315.887	215843.7	5.48809	0.050858	mg/L	5.48809	0.050858	mg/L	0.93%
Cd 226.502	321.1	-0.0009023	0.00004271	mg/L	-0.0009023	0.00004271	mg/L	4.73%
Co 228.616	669.3	0.0217394	0.00008094	mg/L	0.0217394	0.00008094	mg/L	0.37%
Cu 324.754	34265.6	0.176844	0.0023349	mg/L	0.176844	0.0023349	mg/L	1.32%
Fe 273.955	745436.2	49.0404	0.57511	mg/L	49.0404	0.57511	mg/L	1.17%
Mg 279.079	25997.4	1.93395	0.023834	mg/L	1.93395	0.023834	mg/L	1.23%
Mn 257.610	118454.9	0.217127	0.0025134	mg/L	0.217127	0.0025134	mg/L	1.16%
Se 196.026	84.3	0.0190585	0.00216965	mg/L	0.0190585	0.00216965	mg/L	11.38%
V 292.402	20328.3	0.126600	0.0018745	mg/L	0.126600	0.0018745	mg/L	1.48%
Zn 206.200	9946.3	0.209355	0.0014901	mg/L	0.209355	0.0014901	mg/L	0.71%
Na 330.237	1350.3	2.19529	0.014251	mg/L	2.19529	0.014251	mg/L	0.65%
Ti 334.941	305166.8	0.559167	0.0066111	mg/L	0.559167	0.0066111	mg/L	1.18%
Mo 202.030	100.5	0.0058226	0.00041455	mg/L	0.0058226	0.00041455	mg/L	7.12%
Sn 189.933	313.9	0.0339524	0.00044123	mg/L	0.0339524	0.00044123	mg/L	1.30%
Be 234.861	2238.3	0.0071031	0.00002562	mg/L	0.0071031	0.00002562	mg/L	0.36%
As 188.979	83.4	0.0386544	0.00011424	mg/L	0.0386544	0.00011424	mg/L	0.30%
Sb 206.833	82.6	0.0042800	0.00032210	mg/L	0.0042800	0.00032210	mg/L	7.53%
Cr 206.158	2640.2	0.0959486	0.00058013	mg/L	0.0959486	0.00058013	mg/L	0.60%
Pb 220.353	907.2	0.190382	0.0005175	mg/L	0.190382	0.0005175	mg/L	0.27%
Ni 231.604	2177.9	0.0951828	0.00086087	mg/L	0.0951828	0.00086087	mg/L	0.90%
Tl 190.800	-75.7	-0.0074672	0.00015007	mg/L	-0.0074672	0.00015007	mg/L	2.01%

Mean Data

ID: 18778-014

Seq. No.: 39

Sample No.: 22

A/S Pos: 48

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:23:00 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	3986.2	0.0397706	0.00034088	mg/L	0.0397706	0.00034088	mg/L	0.86%
Al 308.215	1261138.0	72.4327	0.29049	mg/L	72.4327	0.29049	mg/L	0.40%
Ba 233.527	136918.6	2.96545	0.002135	mg/L	2.96545	0.002135	mg/L	0.07%
Ca 315.887	7131181.8	181.319	1.1061	mg/L	181.319	1.1061	mg/L	0.61%
Cd 226.502	14799.3	0.0973023	0.00071627	mg/L	0.0973023	0.00071627	mg/L	0.74%
Co 228.616	3328.2	0.108110	0.0000825	mg/L	0.108110	0.0000825	mg/L	0.08%
Cu 324.754	435912.5	2.92507	0.011265	mg/L	2.92507	0.011265	mg/L	0.39%
Fe 273.955	7958784.5	524.196	3.9417	mg/L	524.196	3.9417	mg/L	0.75%
Mg 279.079	641675.3	47.7342	0.00263	mg/L	47.7342	0.00263	mg/L	0.01%
Mn 257.610	1898863.6	3.48061	0.001151	mg/L	3.48061	0.001151	mg/L	0.03%
Se 196.026	276.8	0.189369	0.0016209	mg/L	0.189369	0.0016209	mg/L	0.86%
V 292.402	13060.2	0.148888	0.0011770	mg/L	0.148888	0.0011770	mg/L	0.79%
Zn 206.200	1149229.4	25.4279	0.06470	mg/L	25.4279	0.06470	mg/L	0.25%
Na 330.237	50187.8	124.263	0.1811	mg/L	124.263	0.1811	mg/L	0.15%
Ti 334.941	1464536.9	2.68352	0.004065	mg/L	2.68352	0.004065	mg/L	0.15%
Mo 202.030	112.2	0.0274774	0.00189159	mg/L	0.0274774	0.00189159	mg/L	6.88%
Sn 189.933	2706.3	0.300606	0.0009539	mg/L	0.300606	0.0009539	mg/L	0.32%
Be 234.861	-14287.3	0.0095473	0.00024611	mg/L	0.0095473	0.00024611	mg/L	2.58%
As 188.979	2450.5	0.909334	0.0038369	mg/L	0.909334	0.0038369	mg/L	0.42%
Sb 206.833	345.9	0.0720847	0.00167117	mg/L	0.0720847	0.00167117	mg/L	2.32%
Cr 206.158	706.0	0.184866	0.0002086	mg/L	0.184866	0.0002086	mg/L	0.11%
Pb 220.353	66635.3	14.1119	0.02387	mg/L	14.1119	0.02387	mg/L	0.17%
Ni 231.604	8482.8	0.316172	0.0006685	mg/L	0.316172	0.0006685	mg/L	0.21%
Tl 190.800	-120.9	-0.0014053	0.00255050	mg/L	-0.0014053	0.00255050	mg/L	181.50%

Mean Data

ID: 18778-015

Seq. No.: 40

Sample No.: 23

A/S Pos: 49

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:26:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3244.3	-0.0045035	0.00006924	mg/L	-0.0045035	0.00006924	mg/L	1.54%

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Al 308.215	1297261.1	74.5177	0.76359 mg/L	74.5177	0.76359 mg/L	1.02%
Ba 233.527	36155.0	0.783061	0.0075807 mg/L	0.783061	0.0075807 mg/L	0.97%
Ca 315.887	680120.9	17.2929	0.12754 mg/L	17.2929	0.12754 mg/L	0.74%
Cd 226.502	959.9	-0.0003031	0.00008663 mg/L	-0.0003031	0.00008663 mg/L	28.58%
Co 228.616	2039.7	0.0662540	0.00051167 mg/L	0.0662540	0.00051167 mg/L	0.77%
Cu 324.754	21304.1	0.0888347	0.00084074 mg/L	0.0888347	0.00084074 mg/L	0.95%
Fe 273.955	1772065.9	116.666	1.0200 mg/L	116.666	1.0200 mg/L	0.87%
Mg 279.079	370056.5	27.5285	0.22245 mg/L	27.5285	0.22245 mg/L	0.81%
Mn 257.610	900485.3	1.65058	0.013572 mg/L	1.65058	0.013572 mg/L	0.82%
Se 196.026	-94.7	0.0136014	0.00093617 mg/L	0.0136014	0.00093617 mg/L	6.88%
V 292.402	30961.1	0.199125	0.0012190 mg/L	0.199125	0.0012190 mg/L	0.61%
Zn 206.200	21416.1	0.463243	0.0024549 mg/L	0.463243	0.0024549 mg/L	0.53%
Na 330.237	1465.5	3.75470	0.000782 mg/L	3.75470	0.000782 mg/L	0.02%
Ti 334.941	1665432.1	3.05162	0.026301 mg/L	3.05162	0.026301 mg/L	0.86%
Mo 202.030	-94.0	-0.0054488	0.00038711 mg/L	-0.0054488	0.00038711 mg/L	7.10%
Sn 189.933	239.4	0.0348083	0.00201637 mg/L	0.0348083	0.00201637 mg/L	5.79%
Be 234.861	-851.9	0.0061686	0.00012914 mg/L	0.0061686	0.00012914 mg/L	2.09%
As 188.979	24.3	0.0309443	0.00045091 mg/L	0.0309443	0.00045091 mg/L	1.46%
Sb 206.833	73.4	0.0019146	0.00050527 mg/L	0.0019146	0.00050527 mg/L	26.39%
Cr 206.158	6037.2	0.232514	0.0008211 mg/L	0.232514	0.0008211 mg/L	0.35%
Pb 220.353	328.6	0.0731445	0.00194932 mg/L	0.0731445	0.00194932 mg/L	2.67%
Ni 231.604	3782.2	0.160866	0.0002790 mg/L	0.160866	0.0002790 mg/L	0.17%
Tl 190.800	-117.1	-0.0068221	0.00239489 mg/L	-0.0068221	0.00239489 mg/L	35.10%

Mean Data

ID: 18778-016	Seq. No.: 41	Sample No.: 24	A/S Pos: 50
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0: 1.0	Date: 8/8/05 8:29:59 PM
	Data: Original		

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-799.1	-0.0051099	0.00019566	mg/L	-0.0051099	0.00019566	mg/L	3.83%
Al 308.215	1062524.5	60.9685	0.41722	mg/L	60.9685	0.41722	mg/L	0.68%
Ba 233.527	30603.2	0.662818	0.0016959	mg/L	0.662818	0.0016959	mg/L	0.26%
Ca 315.887	1131613.9	28.7727	0.14465	mg/L	28.7727	0.14465	mg/L	0.50%
Cd 226.502	2414.5	0.0058651	0.00014875	mg/L	0.0058651	0.00014875	mg/L	2.54%
Co 228.616	1998.8	0.0649279	0.00009282	mg/L	0.0649279	0.00009282	mg/L	0.14%
Cu 324.754	852454.4	5.74082	0.051410	mg/L	5.74082	0.051410	mg/L	0.90%
Fe 273.955	3198427.2	210.623	1.2760	mg/L	210.623	1.2760	mg/L	0.61%
Mg 279.079	93377.7	6.94636	0.026374	mg/L	6.94636	0.026374	mg/L	0.38%
Mn 257.610	878678.7	1.61061	0.010218	mg/L	1.61061	0.010218	mg/L	0.63%
Se 196.026	-217.5	0.0241232	0.00261499	mg/L	0.0241232	0.00261499	mg/L	10.84%
V 292.402	9716.7	0.0886350	0.00028278	mg/L	0.0886350	0.00028278	mg/L	0.32%
Zn 206.200	456385.1	10.0915	0.00559	mg/L	10.0915	0.00559	mg/L	0.06%
Na 330.237	21077.3	50.3946	0.09451	mg/L	50.3946	0.09451	mg/L	0.19%
Ti 334.941	405852.7	0.743656	0.0029541	mg/L	0.743656	0.0029541	mg/L	0.40%
Mo 202.030	1311.4	0.0844259	0.00074252	mg/L	0.0844259	0.00074252	mg/L	0.88%
Sn 189.933	2828.4	0.298982	0.0011975	mg/L	0.298982	0.0011975	mg/L	0.40%
Be 234.861	21972.2	0.0519761	0.00017314	mg/L	0.0519761	0.00017314	mg/L	0.33%
As 188.979	101.7	0.0577320	0.00043148	mg/L	0.0577320	0.00043148	mg/L	0.75%
Sb 206.833	176.8	0.0285266	0.00087807	mg/L	0.0285266	0.00087807	mg/L	3.08%
Cr 206.158	8953.2	0.415895	0.0005677	mg/L	0.415895	0.0005677	mg/L	0.14%
Pb 220.353	47091.0	9.97267	0.035982	mg/L	9.97267	0.035982	mg/L	0.36%
Ni 231.604	7466.0	0.322576	0.0018972	mg/L	0.322576	0.0018972	mg/L	0.59%
Tl 190.800	-90.6	-0.0100507	0.00025800	mg/L	-0.0100507	0.00025800	mg/L	2.57%

Mean Data

ID: 18778-017	Seq. No.: 42	Sample No.: 25	A/S Pos: 51
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0: 1.0	Date: 8/8/05 8:33:48 PM
	Data: Original		

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2196.9	-0.0032670	0.00023255	mg/L	-0.0032670	0.00023255	mg/L	7.12%
Al 308.215	561066.0	32.0239	0.38859	mg/L	32.0239	0.38859	mg/L	1.21%
Ba 233.527	14104.8	0.305488	0.0000056	mg/L	0.305488	0.0000056	mg/L	0.00%
Ca 315.887	474790.5	12.0721	0.14806	mg/L	12.0721	0.14806	mg/L	1.23%
Cd 226.502	528.1	-0.0011010	0.00005301	mg/L	-0.0011010	0.00005301	mg/L	4.82%
Co 228.616	1445.3	0.0469475	0.00003458	mg/L	0.0469475	0.00003458	mg/L	0.07%
Cu 324.754	17350.7	0.0619912	0.00009566	mg/L	0.0619912	0.00009566	mg/L	0.15%
Fe 273.955	1152629.0	75.8629	0.97524	mg/L	75.8629	0.97524	mg/L	1.29%
Mg 279.079	223281.0	16.6099	0.20152	mg/L	16.6099	0.20152	mg/L	1.21%

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Mn 257.610	1497009.2	2.74401	0.033060	mg/L	2.74401	0.033060	mg/L	1.20%
Se 196.026	-40.1	0.0092048	0.00018854	mg/L	0.0092048	0.00018854	mg/L	2.05%
V 292.402	15927.5	0.104818	0.0002947	mg/L	0.104818	0.0002947	mg/L	0.28%
Zn 206.200	11636.1	0.246760	0.0014841	mg/L	0.246760	0.0014841	mg/L	0.60%
Na 330.237	709.7	2.02483	0.024371	mg/L	2.02483	0.024371	mg/L	1.20%
Ti 334.941	1105459.8	2.02557	0.023904	mg/L	2.02557	0.023904	mg/L	1.18%
Mo 202.030	-103.8	-0.0060184	0.00019204	mg/L	-0.0060184	0.00019204	mg/L	3.19%
Sn 189.933	219.2	0.0297444	0.00064015	mg/L	0.0297444	0.00064015	mg/L	2.15%
Be 234.861	-1290.3	0.0027321	0.00011921	mg/L	0.0027321	0.00011921	mg/L	4.36%
As 188.979	22.5	0.0172141	0.00051792	mg/L	0.0172141	0.00051792	mg/L	3.01%
Sb 206.833	73.1	0.0018279	0.00012881	mg/L	0.0018279	0.00012881	mg/L	7.05%
Cr 206.158	3537.5	0.132024	0.0000465	mg/L	0.132024	0.0000465	mg/L	0.04%
Pb 220.353	246.4	0.0503467	0.00039067	mg/L	0.0503467	0.00039067	mg/L	0.78%
Ni 231.604	2462.6	0.104208	0.0000664	mg/L	0.104208	0.0000664	mg/L	0.06%
Tl 190.800	-99.1	-0.0046710	0.00032078	mg/L	-0.0046710	0.00032078	mg/L	6.87%

Mean Data

ID: 18778-018 Seq. No.: 43 Sample No.: 26 A/S Pos: 52
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 8:36:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3351.5	-0.0046857	0.00041128	mg/L	-0.0046857	0.00041128	mg/L	8.78%
Al 308.215	1297166.3	74.5123	0.82569	mg/L	74.5123	0.82569	mg/L	1.11%
Ba 233.527	31027.6	0.672009	0.0074752	mg/L	0.672009	0.0074752	mg/L	1.11%
Ca 315.887	420822.1	10.6999	0.03029	mg/L	10.6999	0.03029	mg/L	0.28%
Cd 226.502	942.2	-0.0010287	0.00023658	mg/L	-0.0010287	0.00023658	mg/L	23.00%
Co 228.616	1993.3	0.0647482	0.00024114	mg/L	0.0647482	0.00024114	mg/L	0.37%
Cu 324.754	20009.3	0.0800433	0.00146003	mg/L	0.0800433	0.00146003	mg/L	1.82%
Fe 273.955	1878048.1	123.648	0.9743	mg/L	123.648	0.9743	mg/L	0.79%
Mg 279.079	378340.3	28.1447	0.13035	mg/L	28.1447	0.13035	mg/L	0.46%
Mn 257.610	877825.1	1.60905	0.010302	mg/L	1.60905	0.010302	mg/L	0.64%
Se 196.026	-107.3	0.0138812	0.00061981	mg/L	0.0138812	0.00061981	mg/L	4.47%
V 292.402	30886.4	0.199736	0.0018999	mg/L	0.199736	0.0018999	mg/L	0.95%
Zn 206.200	19582.8	0.422663	0.0008170	mg/L	0.422663	0.0008170	mg/L	0.19%
Na 330.237	545.7	2.52242	0.016779	mg/L	2.52242	0.016779	mg/L	0.67%
Ti 334.941	1717064.0	3.14623	0.020230	mg/L	3.14623	0.020230	mg/L	0.64%
Mo 202.030	-109.6	-0.0063494	0.00030769	mg/L	-0.0063494	0.00030769	mg/L	4.85%
Sn 189.933	244.8	0.0356492	0.00085287	mg/L	0.0356492	0.00085287	mg/L	2.39%
Be 234.861	-1372.3	0.0057223	0.00017829	mg/L	0.0057223	0.00017829	mg/L	3.12%
As 188.979	19.4	0.0298229	0.00021781	mg/L	0.0298229	0.00021781	mg/L	0.73%
Sb 206.833	81.6	0.0040251	0.00034693	mg/L	0.0040251	0.00034693	mg/L	8.62%
Cr 206.158	5890.2	0.226607	0.0005657	mg/L	0.226607	0.0005657	mg/L	0.25%
Pb 220.353	837.8	0.181054	0.0011097	mg/L	0.181054	0.0011097	mg/L	0.61%
Ni 231.604	3745.3	0.157840	0.0018465	mg/L	0.157840	0.0018465	mg/L	1.17%
Tl 190.800	-122.0	-0.0088733	0.00216896	mg/L	-0.0088733	0.00216896	mg/L	24.44%

Mean Data

ID: 18778-019 Seq. No.: 44 Sample No.: 27 A/S Pos: 53
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/8/05 8:39:56 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1324.8	-0.0003070	0.00007384	mg/L	-0.0003070	0.00007384	mg/L	24.05%
Al 308.215	334843.4	18.8714	0.00756	mg/L	18.8714	0.00756	mg/L	0.04%
Ba 233.527	309266.7	6.69824	0.017739	mg/L	6.69824	0.017739	mg/L	0.26%
Ca 315.887	265877.2	6.76025	0.011851	mg/L	6.76025	0.011851	mg/L	0.18%
Cd 226.502	5012.2	0.0318690	0.00021402	mg/L	0.0318690	0.00021402	mg/L	0.67%
Co 228.616	1968.0	0.0639250	0.00006806	mg/L	0.0639250	0.00006806	mg/L	0.11%
Cu 324.754	1071159.9	7.22505	0.074666	mg/L	7.22505	0.074666	mg/L	1.03%
Fe 273.955	2901965.3	191.095	1.5843	mg/L	191.095	1.5843	mg/L	0.83%
Mg 279.079	135019.9	10.0441	0.00299	mg/L	10.0441	0.00299	mg/L	0.03%
Mn 257.610	702333.6	1.28737	0.009760	mg/L	1.28737	0.009760	mg/L	0.76%
Se 196.026	-127.4	0.0312369	0.00013268	mg/L	0.0312369	0.00013268	mg/L	0.42%
V 292.402	18741.8	0.138636	0.0003497	mg/L	0.138636	0.0003497	mg/L	0.25%
Zn 206.200	2306516.8	51.0450	0.29798	mg/L	51.0450	0.29798	mg/L	0.58%
Na 330.237	101080.7	255.616	1.1073	mg/L	255.616	1.1073	mg/L	0.43%
Ti 334.941	837149.3	1.53393	0.010939	mg/L	1.53393	0.010939	mg/L	0.71%
Mo 202.030	200.4	0.0192573	0.00029428	mg/L	0.0192573	0.00029428	mg/L	1.53%
Sn 189.933	24360.4	2.58220	0.004868	mg/L	2.58220	0.004868	mg/L	0.19%

1001007

Be 234.861	-1922.9	0.0091876	0.00000546 mg/L	0.0091876	0.00000546 mg/L	0.06%
As 188.979	418.9	0.168316	0.0000049 mg/L	0.168316	0.0000049 mg/L	0.00%
Sb 206.833	621.4	0.143005	0.0006594 mg/L	0.143005	0.0006594 mg/L	0.46%
Cr 206.158	-4683.2	0.136123	0.0009934 mg/L	0.136123	0.0009934 mg/L	0.73%
Pb 220.353	578612.0	122.622	1.1060 mg/L	122.622	1.1060 mg/L	0.90%
Ni 231.604	5295.3	0.220931	0.0015300 mg/L	0.220931	0.0015300 mg/L	0.69%
Tl 190.800	-95.7	-0.0066776	0.00052939 mg/L	-0.0066776	0.00052939 mg/L	7.93%

Mean Data

ID: 18778-020 Seq. No.: 45 Sample No.: 28 A/S Pos: 54
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 8:43:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1483.5	-0.0021591	0.00032802	mg/L	-0.0021591	0.00032802	mg/L	15.19%
Al 308.215	405905.2	23.0679	0.15809	mg/L	23.0679	0.15809	mg/L	0.69%
Ba 233.527	47187.8	1.02201	0.005332	mg/L	1.02201	0.005332	mg/L	0.52%
Ca 315.887	193460.0	4.91896	0.025140	mg/L	4.91896	0.025140	mg/L	0.51%
Cd 226.502	1919.1	0.0117466	0.00011730	mg/L	0.0117466	0.00011730	mg/L	1.00%
Co 228.616	1065.0	0.0345940	0.00014431	mg/L	0.0345940	0.00014431	mg/L	0.42%
Cu 324.754	350592.9	2.32471	0.019318	mg/L	2.32471	0.019318	mg/L	0.83%
Fe 273.955	1198154.2	78.8618	0.44041	mg/L	78.8618	0.44041	mg/L	0.56%
Mg 279.079	121455.8	9.03508	0.036160	mg/L	9.03508	0.036160	mg/L	0.40%
Mn 257.610	261747.0	0.479781	0.0025611	mg/L	0.479781	0.0025611	mg/L	0.53%
Se 196.026	-28.5	0.0117854	0.00101052	mg/L	0.0117854	0.00101052	mg/L	8.57%
V 292.402	14757.7	0.0984071	0.00024130	mg/L	0.0984071	0.00024130	mg/L	0.25%
Zn 206.200	645904.4	14.2866	0.04860	mg/L	14.2866	0.04860	mg/L	0.34%
Na 330.237	25754.6	68.7587	0.18312	mg/L	68.7587	0.18312	mg/L	0.27%
Ti 334.941	751290.7	1.37661	0.003888	mg/L	1.37661	0.003888	mg/L	0.28%
Mo 202.030	190.3	0.0110277	0.00020711	mg/L	0.0110277	0.00020711	mg/L	1.88%
Sn 189.933	8382.4	0.884372	0.0046848	mg/L	0.884372	0.0046848	mg/L	0.53%
Be 234.861	-1245.3	0.0030068	0.00015190	mg/L	0.0030068	0.00015190	mg/L	5.05%
As 188.979	105.2	0.0463324	0.00058293	mg/L	0.0463324	0.00058293	mg/L	1.26%
Sb 206.833	247.9	0.0468411	0.00112322	mg/L	0.0468411	0.00112322	mg/L	2.40%
Cr 206.158	2772.9	0.194929	0.0017124	mg/L	0.194929	0.0017124	mg/L	0.88%
Pb 220.353	101554.2	21.5204	0.08289	mg/L	21.5204	0.08289	mg/L	0.39%
Ni 231.604	2412.6	0.101253	0.0011361	mg/L	0.101253	0.0011361	mg/L	1.12%
Tl 190.800	-92.3	-0.0059715	0.00050218	mg/L	-0.0059715	0.00050218	mg/L	8.41%

Mean Data

ID: ICSA V-4505 Seq. No.: 46 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/8/05 8:47:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-161.9	-0.0010350	0.00031286	mg/L				30.23%
Al 308.215	7739083.6	446.262	1.2148	mg/L				0.27%
Ba 233.527	-83.7	-0.0018129	0.00012247	mg/L				6.76%
Ca 315.887	17458294.4	443.899	3.1605	mg/L				0.71%
Cd 226.502	1545.2	0.0005148	0.00005686	mg/L				11.04%
Co 228.616	73.4	0.0023855	0.00020087	mg/L				8.42%
Cu 324.754	8239.7	0.0071603	0.00051888	mg/L				7.25%
Fe 273.955	2661724.1	175.270	0.2888	mg/L				0.16%
Mg 279.079	6729975.6	500.642	3.2947	mg/L				0.66%
Mn 257.610	-2392.8	-0.0043861	0.00016145	mg/L				3.68%
Se 196.026	-263.0	0.0000299	0.00187574	mg/L				>999.9%
V 292.402	6752.9	-0.0018867	0.00140361	mg/L				74.40%
Zn 206.200	1285.5	0.0176444	0.00209854	mg/L				11.89%
Na 330.237	730.9	-5.10611	0.037885	mg/L				0.74%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1776.8	-0.0032556	0.00006482	mg/L				1.99%
Mo 202.030	-194.5	-0.0042608	0.00049822	mg/L				11.69%
Sn 189.933	14.6	0.0024000	0.00009215	mg/L				3.84%
Be 234.861	-5667.9	0.0016448	0.00031856	mg/L				19.37%
As 188.979	-52.1	0.0014302	0.00096720	mg/L				67.63%
Sb 206.833	119.4	0.0008471	0.00100469	mg/L				118.61%
Cr 206.158	841.0	0.0012855	0.00033702	mg/L				26.22%
Pb 220.353	-126.1	0.0119551	0.00340706	mg/L				28.50%
Ni 231.604	1011.6	0.0049005	0.00026076	mg/L				5.32%
Tl 190.800	-64.7	-0.0011267	0.00144168	mg/L				127.96%

001588

Mean Data

ID: ICSAB V-4506

Seq. No.: 47

Sample No.: 4

A/S Pos: 6

Sample Qty: 1.0000 g

Prep. Vol.: 1.0 L

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:51:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	159946.8	1.02274	0.000311	mg/L				0.03%
Al 308.215	7790261.0	449.190	2.3098	mg/L				0.51%
Ba 233.527	21898.4	0.474287	0.0011404	mg/L				0.24%
Ca 315.887	17581049.5	447.020	3.2057	mg/L				0.72%
Cd 226.502	100874.9	0.934921	0.0002730	mg/L				0.03%
Co 228.616	14438.3	0.468998	0.0015678	mg/L				0.33%
Cu 324.754	81979.8	0.507943	0.0012295	mg/L				0.24%
Fe 273.955	2694072.6	177.401	0.3072	mg/L				0.17%
Mg 279.079	6775594.8	504.036	3.1334	mg/L				0.62%
Mn 257.610	258577.7	0.473972	0.0003671	mg/L				0.08%
Se 196.026	6221.9	0.933776	0.0015568	mg/L				0.17%
V 292.402	85015.5	0.457012	0.0001232	mg/L				0.03%
Zn 206.200	41654.6	0.911233	0.0004524	mg/L				0.05%
Na 330.237	2497.1	-0.626515	0.0735889	mg/L				11.75%
Ti 334.941	-1658.4	-0.0030388	0.00002290	mg/L				0.75%
Mo 202.030	-184.7	-0.0036061	0.00038581	mg/L				10.70%
Sn 189.933	37.5	0.0048162	0.00024745	mg/L				5.14%
Be 234.861	273108.0	0.486045	0.0001001	mg/L				0.02%
As 188.979	2811.8	1.01042	0.010402	mg/L				1.03%
Sb 206.833	3903.4	0.975091	0.0041236	mg/L				0.42%
Cr 206.158	12468.6	0.474567	0.0045565	mg/L				0.96%
Pb 220.353	4371.3	0.965355	0.0010718	mg/L				0.11%
Ni 231.604	20317.9	0.939329	0.0065395	mg/L				0.70%
Tl 190.800	1593.7	0.952229	0.0101876	mg/L				1.07%

Mean Data

ID: CCV V-4510

Seq. No.: 48

Sample No.: 5

A/S Pos: 4

Sample Qty: 1.0000 g

Prep. Vol.: 1.0 L

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:54:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	75629.0	0.483589	0.0037199	mg/L				0.77%
Al 308.215	94672.4	5.10323	0.032830	mg/L				0.64%
Ba 233.527	23930.0	0.518287	0.0026434	mg/L				0.51%
Ca 315.887	2009442.8	51.0925	0.04133	mg/L				0.08%
Cd 226.502	54101.1	0.509028	0.0003003	mg/L				0.06%
Co 228.616	15497.9	0.503416	0.0000876	mg/L				0.02%
Cu 324.754	80937.1	0.493745	0.0073626	mg/L				1.49%
Fe 273.955	78437.1	5.10403	0.022950	mg/L				0.45%
Mg 279.079	679322.9	50.5348	0.11229	mg/L				0.22%
Mn 257.610	280472.5	0.514105	0.0018961	mg/L				0.37%
Se 196.026	3508.0	0.497007	0.0010369	mg/L				0.21%
V 292.402	87067.5	0.503836	0.0020299	mg/L				0.40%
Zn 206.200	24932.8	0.541088	0.0017779	mg/L				0.33%
Na 330.237	38926.5	49.0103	0.51674	mg/L				1.05%
Ti 334.941	277182.1	0.507889	0.0029567	mg/L				0.58%
Mo 202.030	8552.3	0.495637	0.0006382	mg/L				0.13%
Sn 189.933	4788.6	0.505583	0.0013644	mg/L				0.27%
Be 234.861	289256.1	0.502466	0.0022467	mg/L				0.45%
As 188.979	1407.7	0.505178	0.0018591	mg/L				0.37%
Sb 206.833	1993.6	0.496349	0.0041318	mg/L				0.83%
Cr 206.158	13002.6	0.512541	0.0042665	mg/L				0.83%
Pb 220.353	2421.1	0.511220	0.0002291	mg/L				0.04%
Ni 231.604	10416.9	0.502843	0.0029192	mg/L				0.58%
Tl 190.800	803.2	0.497802	0.0014283	mg/L				0.29%

Mean Data

ID: CCB

Seq. No.: 49

Sample No.: 6

A/S Pos: 1

Sample Qty: 1.0000 g

Prep. Vol.: 1.0 L

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/8/05

8:56:59 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
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001589

Ag 328.068	-338.4	-0.0021640	0.00040122	mg/L	18.54%
Al 308.215	5949.0	-0.0179631	0.00627782	mg/L	34.95%
Ba 233.527	-4.9	-0.0001060	0.00007821	mg/L	73.81%
Ca 315.887	-16003.7	-0.406913	0.0022928	mg/L	0.56%
Cd 226.502	-173.0	-0.0016274	0.00008280	mg/L	5.09%
Co 228.616	-85.0	-0.0027619	0.00021507	mg/L	7.79%
Cu 324.754	8676.9	0.0030960	0.00012400	mg/L	4.00%
Fe 273.955	855.4	-0.0064196	0.01643140	mg/L	255.96%
Mg 279.079	1305.2	0.0970955	0.02025374	mg/L	20.86%
Mn 257.610	571.8	0.0010481	0.00011843	mg/L	11.30%
Se 196.026	49.5	-0.0006667	0.00059959	mg/L	89.93%
V 292.402	-196.7	-0.0011535	0.00004393	mg/L	3.81%
Zn 206.200	802.3	0.0069490	0.00051013	mg/L	7.34%
Na 330.237	908.0	1.11042	0.086494	mg/L	7.79%
*QC exceeds upper limit for Na 330.237 Action = Continue					
Ti 334.941	-186.8	-0.0003423	0.00021064	mg/L	61.54%
Mo 202.030	-93.5	-0.0054176	0.00005127	mg/L	0.95%
Sn 189.933	-15.1	-0.0007291	0.00074995	mg/L	102.87%
Be 234.861	-329.0	-0.0005715	0.00002238	mg/L	3.92%
As 188.979	-37.9	-0.0040516	0.00130578	mg/L	32.23%
Sb 206.833	65.7	-0.0000723	0.00043517	mg/L	601.68%
Cr 206.158	157.1	-0.0038762	0.00025712	mg/L	6.63%
Pb 220.353	45.4	0.0077547	0.00021222	mg/L	2.74%
Ni 231.604	-8.0	-0.0019641	0.00003337	mg/L	1.70%
Tl 190.800	-59.1	0.0020749	0.00011418	mg/L	5.50%

Method: PEI Axial IEC: 121704.IEC MSF:
 Results: S6206A3 Spectra Stored: Yes Method Stored: Yes
 Sample Info: s6206a User: User1 Date: 8/8/05 9:07:38 PM
 Method Description: 200.7/SW846

Mean Data -----
 ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
 Data: Original Date: 8/8/05 9:09:02 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-304.5	13.57	4.46%	0	mg/L
Al 308.215	5803.4	27.70	0.48%	0	mg/L
Ba 233.527	0.6	0.41	70.97%	0	mg/L
Ca 315.887	-15408.0	68.24	0.44%	0	mg/L
Cd 226.502	-183.0	12.29	6.71%	0	mg/L
Co 228.616	-82.7	1.43	1.72%	0	mg/L
Cu 324.754	8454.5	49.12	0.58%	0	mg/L
Fe 273.955	582.4	33.62	5.77%	0	mg/L
Mg 279.079	897.3	41.71	4.65%	0	mg/L
Mn 257.610	481.6	6.86	1.42%	0	mg/L
Se 196.026	49.1	0.26	0.54%	0	mg/L
V 292.402	-223.6	25.49	11.40%	0	mg/L
Zn 206.200	537.5	3.37	0.63%	0	mg/L
Na 330.237	870.6	29.27	3.36%	0	mg/L
Ti 334.941	-223.8	42.54	19.01%	0	mg/L
Mo 202.030	-101.3	0.56	0.55%	0	mg/L
Sn 189.933	-39.1	5.61	14.36%	0	mg/L
Be 234.861	-352.6	4.03	1.14%	0	mg/L
As 188.979	-37.5	2.85	7.60%	0	mg/L
Sb 206.833	66.7	0.31	0.47%	0	mg/L
Cr 206.158	151.8	1.11	0.73%	0	mg/L
Pb 220.353	31.8	5.61	17.61%	0	mg/L
Ni 231.604	-1.7	3.02	179.35%	0	mg/L
Tl 190.800	-60.3	3.97	6.58%	0	mg/L

Mean Data -----
 ID: Calib Std 1 Seq. No.: 2 A/S Pos: 160
 Data: Original Date: 8/8/05 9:11:46 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1170.6	14.67	1.25%	0.010	mg/L
Al 308.215	6847.4	35.69	0.52%	0.10	mg/L
Ba 233.527	470.3	2.05	0.44%	0.010	mg/L

Data file: S6225c

Bukh 6225/6206 (Soil) dilu...

Method: PE1 Axial

Page 1

Date: 8/9/05

12:56:45 PM

Analyst/Reshinaul Ant 8/9/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6225C

Spectra Stored: Yes

Method Stored: Yes

Sample Info: S6225c

User: User1

Date: 8/9/05

12:49:10 PM

Method Description: 200.7/SW846

2nd Rev: MSLL 8/10/05

Mean Data

ID: Calib Blank 1

Seq. No.: 1

A/S Pos: 1

Data: Original

Date: 8/9/05

12:50:38 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-356.4	12.87	3.61%	0	mg/L
Al 308.215	5670.5	69.73	1.23%	0	mg/L
Ba 233.527	-8.0	2.00	24.89%	0	mg/L
Ca 315.887	-15929.6	429.62	2.70%	0	mg/L
Cd 226.502	-171.5	5.22	3.05%	0	mg/L
Co 228.616	-88.7	6.63	7.48%	0	mg/L
Cu 324.754	8068.4	13.81	0.17%	0	mg/L
Fe 273.955	767.0	15.93	2.08%	0	mg/L
Mg 279.079	680.7	21.52	3.16%	0	mg/L
Mn 257.610	492.3	15.96	3.24%	0	mg/L
Se 196.026	46.7	4.60	9.87%	0	mg/L
V 292.402	-210.8	9.82	4.66%	0	mg/L
Zn 206.200	139.8	1.86	1.33%	0	mg/L
Na 330.237	929.0	28.21	3.04%	0	mg/L
Ti 334.941	-258.2	32.21	12.47%	0	mg/L
Mo 202.030	-101.5	1.99	1.96%	0	mg/L
Sn 189.933	-25.3	4.99	19.73%	0	mg/L
Be 234.861	-368.9	0.80	0.22%	0	mg/L
As 188.979	-31.5	0.04	0.14%	0	mg/L
Sb 206.833	69.1	2.17	3.14%	0	mg/L
Cr 206.158	141.3	1.00	0.71%	0	mg/L
Pb 220.353	18.4	2.46	13.38%	0	mg/L
Ni 231.604	-9.4	0.97	10.30%	0	mg/L
Tl 190.800	-63.2	0.17	0.27%	0	mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

A/S Pos: 160

Data: Original

Date: 8/9/05

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Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1178.6	42.04	3.57%	0.010	mg/L
Al 308.215	7053.5	45.22	0.64%	0.10	mg/L
Ba 233.527	550.1	6.28	1.14%	0.010	mg/L
Ca 315.887	23078.8	1128.12	4.89%	1.0	mg/L
Cd 226.502	942.1	9.75	1.03%	0.010	mg/L
Co 228.616	242.5	2.59	1.07%	0.010	mg/L
Cu 324.754	9400.2	36.93	0.39%	0.010	mg/L
Fe 273.955	2057.6	14.78	0.72%	0.10	mg/L
Mg 279.079	13469.0	336.31	2.50%	1.0	mg/L
Mn 257.610	5993.3	208.66	3.48%	0.010	mg/L
Se 196.026	112.5	8.18	7.27%	0.010	mg/L
V 292.402	1530.5	18.48	1.21%	0.010	mg/L
Zn 206.200	695.3	3.98	0.57%	0.010	mg/L
Na 330.237	1504.1	40.92	2.72%	1.0	mg/L
Ti 334.941	5172.9	163.80	3.17%	0.010	mg/L
Mo 202.030	81.6	5.88	7.20%	0.010	mg/L
Sn 189.933	64.5	0.28	0.43%	0.010	mg/L
Be 234.861	4908.0	33.66	0.69%	0.010	mg/L
As 188.979	-6.7	0.04	0.61%	0.010	mg/L
Sb 206.833	102.2	4.61	4.51%	0.010	mg/L
Cr 206.158	414.6	1.89	0.46%	0.010	mg/L
Pb 220.353	61.7	0.79	1.28%	0.010	mg/L
Ni 231.604	214.5	1.27	0.59%	0.010	mg/L
Tl 190.800	-47.0	0.39	0.82%	0.010	mg/L

6206

18778-019 LOD Pb, Zn

Mean Data

ID: Calib Std 2

Seq. No.: 3

A/S Pos: 3

Data: Original

Date: 8/9/05

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Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	73210.6	907.68	1.24%	0.50	mg/L
Al 308.215	96099.8	1129.39	1.18%	5.0	mg/L
Ba 233.527	27373.9	389.52	1.42%	0.50	mg/L
Ca 315.887	1994239.5	26445.87	1.33%	50	mg/L
Cd 226.502	53793.2	763.46	1.42%	0.50	mg/L
Co 228.616	15399.0	11.19	0.07%	0.50	mg/L
Cu 324.754	77743.3	742.40	0.95%	0.50	mg/L
Fe 273.955	79572.9	1143.17	1.44%	5.0	mg/L
Mg 279.079	661000.2	8783.64	1.33%	50	mg/L
Mn 257.610	269982.4	3453.51	1.28%	0.50	mg/L
Se 196.026	3155.5	5.29	0.17%	0.50	mg/L
V 292.402	85771.5	940.74	1.10%	0.50	mg/L
Zn 206.200	23362.1	25.64	0.11%	0.50	mg/L
Na 330.237	40182.6	528.10	1.31%	50	mg/L
Pb 220.353	268002.0	3433.13	1.28%	0.50	mg/L
Mo 202.030	8589.8	24.81	0.29%	0.50	mg/L
Sn 189.933	4776.9	18.60	0.39%	0.50	mg/L
Be 234.861	262908.8	3456.62	1.31%	0.50	mg/L
As 188.979	1260.4	0.96	0.08%	0.50	mg/L
Sb 206.833	1886.8	6.69	0.35%	0.50	mg/L
Cr 206.158	12979.3	13.54	0.10%	0.50	mg/L
Pb 220.353	2448.1	6.16	0.25%	0.50	mg/L
Ni 231.604	10490.3	15.72	0.15%	0.50	mg/L
Pb 220.353	765.7	14.43	1.89%	0.50	mg/L

Mean Data

ID: Calib Std 3

Seq. No.: 4

A/S Pos: 2

Data: Original

Date: 8/9/05

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Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	149717.6	1156.46	0.77%	1.0	mg/L
Al 308.215	177542.4	1577.59	0.89%	10	mg/L
Ba 233.527	51629.9	454.63	0.88%	1.0	mg/L
Ca 315.887	3876436.8	36077.11	0.93%	100	mg/L
Cd 226.502	104482.1	740.52	0.71%	1.0	mg/L
Co 228.616	30653.0	298.06	0.97%	1.0	mg/L
Cu 324.754	146520.2	1319.77	0.90%	1.0	mg/L
Fe 273.955	152297.6	1322.60	0.87%	10	mg/L
Mg 279.079	1290620.1	12035.06	0.93%	100	mg/L
Mn 257.610	516500.6	4388.53	0.85%	1.0	mg/L
Se 196.026	6151.4	19.31	0.31%	1.0	mg/L
V 292.402	164975.8	1373.79	0.83%	1.0	mg/L
Zn 206.200	44845.2	322.81	0.72%	1.0	mg/L
Na 330.237	83867.6	546.52	0.65%	100	mg/L
Pb 220.353	519665.0	4765.30	0.92%	1.0	mg/L
Mo 202.030	16996.5	18.07	0.11%	1.0	mg/L
Sn 189.933	9199.6	16.19	0.18%	1.0	mg/L
Be 234.861	517117.2	4774.01	0.92%	1.0	mg/L
As 188.979	2445.8	14.88	0.61%	1.0	mg/L
Sb 206.833	3612.2	4.69	0.13%	1.0	mg/L
Cr 206.158	25280.4	170.26	0.67%	1.0	mg/L
Pb 220.353	4707.6	16.35	0.35%	1.0	mg/L
Ni 231.604	20367.4	74.79	0.37%	1.0	mg/L
Pb 220.353	1569.5	0.61	0.04%	1.0	mg/L

Calibration Summary

Method: PE1 Axial

Date: 8/9/05

1:00:01 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	149055.8	0.00000	0.999925
Al 308.215	3	Linear	6335.9	17286.3	0.00000	0.999623
Ba 233.527	3	Linear-thru-Zero	0.0	52253.7	0.00000	0.999476
Ca 315.887	3	Linear-thru-Zero	0.0	38987.2	0.00000	0.999866
Cd 226.502	3	Linear-thru-Zero	0.0	105102.1	0.00000	0.999871
Co 228.616	3	Linear-thru-Zero	0.0	30681.5	0.00000	0.999993
Cu 324.754	3	Linear	8126.2	138561.1	0.00000	0.999994

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Element	Conc.	Linear	Y-Intercept	Slope	R ²	Y-Error
Fe 273.955	3	Linear	1218.4	15220.0	0.00000	0.999778
Mg 279.079	3	Linear-thru-Zero	0.0	12969.0	0.00000	0.999914
Mn 257.610	3	Linear-thru-Zero	0.0	521199.7	0.00000	0.999700
Se 196.026	3	Linear	59.1	6112.3	0.00000	0.999956
V 292.402	3	Linear-thru-Zero	0.0	166288.1	0.00000	0.999770
Zn 206.200	3	Linear	347.3	44803.4	0.00000	0.999809
Na 330.237	3	Linear-thru-Zero	0.0	831.7	0.00000	0.999691
Ti 334.941	3	Linear-thru-Zero	0.0	522932.3	0.00000	0.999856
Mo 202.030	3	Linear-thru-Zero	0.0	17032.4	0.00000	0.999963
Sn 189.933	3	Linear	8.1	9260.4	0.00000	0.999774
Be 234.861	3	Linear-thru-Zero	0.0	518855.0	0.00000	0.999958
As 188.979	3	Linear	-21.8	2486.9	0.00000	0.999754
Sb 206.833	3	Linear	76.5	3552.6	0.00000	0.999907
Cr 206.158	3	Linear	200.1	25175.7	0.00000	0.999941
Pb 220.353	3	Linear	32.3	4706.4	0.00000	0.999821
Ni 231.604	3	Linear	56.4	20422.0	0.00000	0.999879
Tl 190.800	3	Linear	-60.9	1635.0	0.00000	0.999968

Mean Data

ID: ICS V-4509 Seq. No.: 5 Sample No.: 7 A/S Pos: 2
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/9/05 1:02:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	149180.7	1.00614	0.000935	mg/L				0.09%
Al 308.215	176531.3	9.84570	0.024926	mg/L				0.25%
Ba 233.527	51343.7	0.982586	0.0013563	mg/L				0.14%
Ca 315.887	3877982.6	99.4681	1.15510	mg/L				1.16%
Cd 226.502	104054.6	0.990034	0.0024342	mg/L				0.25%
Co 228.616	30538.6	0.995342	0.0026856	mg/L				0.27%
Cu 324.754	146131.4	0.995988	0.0016526	mg/L				0.17%
Fe 273.955	151548.8	9.87718	0.023332	mg/L				0.24%
Mg 279.079	1292098.8	99.6298	1.19615	mg/L				1.20%
Mn 257.610	517058.4	0.992054	0.0110343	mg/L				1.11%
Se 196.026	6149.2	0.996363	0.0045334	mg/L				0.45%
V 292.402	164209.5	0.979529	0.0022335	mg/L				0.23%
Zn 206.200	44618.1	0.988111	0.0036801	mg/L				0.37%
Na 330.237	83417.8	103.399	0.0022	mg/L				0.00%
Ti 334.941	520570.0	0.995483	0.0122011	mg/L				1.23%
Mo 202.030	16949.3	0.995123	0.0014563	mg/L				0.15%
Sn 189.933	9214.5	0.994175	0.0014299	mg/L				0.14%
Be 234.861	517642.1	0.997662	0.0118172	mg/L				1.18%
As 188.979	2434.8	0.987823	0.0044755	mg/L				0.45%
Sb 206.833	3591.1	0.989143	0.0041426	mg/L				0.42%
Cr 206.158	25121.3	0.996371	0.0017236	mg/L				0.17%
Pb 220.353	4695.9	0.990905	0.0032875	mg/L				0.33%
Ni 231.604	20282.1	0.990386	0.0026578	mg/L				0.27%
Tl 190.800	1566.7	0.997541	0.0032405	mg/L				0.32%

Mean Data

ID: ICV V-4847 (2) Seq. No.: 6 Sample No.: 1 A/S Pos: 159
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/9/05 1:05:31 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	149601.7	1.00896	0.006867	mg/L				0.68%
Al 308.215	177055.4	9.87602	0.077284	mg/L				0.78%
Ba 233.527	51328.6	0.982296	0.0046372	mg/L				0.47%
Ca 315.887	3871794.7	99.3094	1.11472	mg/L				1.12%
Cd 226.502	104262.1	0.992008	0.0035312	mg/L				0.36%
Co 228.616	30605.2	0.997513	0.0050904	mg/L				0.51%
Cu 324.754	146348.9	0.997558	0.0087942	mg/L				0.88%
Fe 273.955	151915.2	9.90125	0.053112	mg/L				0.54%
Mg 279.079	1291420.2	99.5775	1.12647	mg/L				1.13%
Mn 257.610	513370.3	0.984978	0.0054721	mg/L				0.56%
Se 196.026	6187.5	1.00262	0.000928	mg/L				0.09%
V 292.402	164570.2	0.981731	0.0051539	mg/L				0.52%
Zn 206.200	44844.7	0.993170	0.0035831	mg/L				0.36%
Na 330.237	83579.2	103.606	0.8356	mg/L				0.81%
Ti 334.941	520311.0	0.994987	0.0094917	mg/L				0.95%

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Mo 202.030	17028.8	0.999791	0.0000806	mg/L	0.01%
Sn 189.933	9274.5	1.00065	0.000552	mg/L	0.06%
Be 234.861	517466.7	0.997324	0.0112679	mg/L	1.13%
As 188.979	2455.2	0.996022	0.0025249	mg/L	0.25%
Sb 206.833	3614.1	0.995635	0.0013858	mg/L	0.14%
Cr 206.158	25154.6	0.997727	0.0056352	mg/L	0.56%
Pb 220.353	4720.9	0.996229	0.0023741	mg/L	0.24%
Ni 231.604	20364.6	0.994426	0.0008659	mg/L	0.09%
Tl 190.800	1588.5	1.01086	0.005774	mg/L	0.57%

Mean Data

ID: ICB V-5157 Seq. No.: 7 Sample No.: 2 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/9/05 1:08:24 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-252.7	-0.0016954	0.00079134	mg/L				46.68%
Al 308.215	5584.2	-0.0434866	0.00510607	mg/L				11.74%
Ba 233.527	4.3	0.0000829	0.00006692	mg/L				80.70%
Ca 315.887	-16516.6	-0.423642	0.0057833	mg/L				1.37%
Cd 226.502	-143.8	-0.0013682	0.00000983	mg/L				0.72%
Co 228.616	-79.0	-0.0025748	0.00004837	mg/L				1.88%
Cu 324.754	8525.4	0.0028808	0.00052625	mg/L				18.27%
Fe 273.955	812.2	-0.0266906	0.00383611	mg/L				14.37%
Mg 279.079	658.2	0.0507518	0.00032334	mg/L				0.64%
Mn 257.610	620.5	0.0011906	0.00000342	mg/L				0.29%
Se 196.026	55.6	-0.0005811	0.00023406	mg/L				40.28%
V 292.402	-183.0	-0.0011006	0.00023247	mg/L				21.12%
Zn 206.200	207.6	-0.0031186	0.00032127	mg/L				10.30%
Na 330.237	949.6	1.14172	0.051041	mg/L				4.47%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-197.7	-0.0003782	0.00014726	mg/L				38.94%
Mo 202.030	-91.0	-0.0053410	0.00002252	mg/L				0.42%
Sn 189.933	27.4	0.0020787	0.00062116	mg/L				29.88%
Be 234.861	-246.1	-0.0004744	0.00007577	mg/L				15.97%
As 188.979	-34.2	-0.0049660	0.00183105	mg/L				36.87%
Sb 206.833	67.8	-0.0024310	0.00028031	mg/L				11.53%
Cr 206.158	151.5	-0.0019316	0.00017818	mg/L				9.22%
Pb 220.353	16.5	-0.0033539	0.00020373	mg/L				6.07%
Ni 231.604	-0.1	-0.0027660	0.00016855	mg/L				6.09%
Tl 190.800	-57.1	0.0023777	0.00002961	mg/L				1.25%

Mean Data

ID: ICSA V-4505 Seq. No.: 8 Sample No.: 3 A/S Pos: 5
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/9/05 1:11:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-206.9	-0.0013881	0.00016426	mg/L				11.83%
Al 308.215	7835656.0	452.838	2.2971	mg/L				0.51%
Ba 233.527	-43.5	-0.0008325	0.00021919	mg/L				26.33%
Ca 315.887	17212462.3	441.490	2.5162	mg/L				0.57%
Cd 226.502	1513.5	0.0005130	0.00023410	mg/L				45.63%
Co 228.616	84.1	0.0027409	0.00047391	mg/L				17.29%
Cu 324.754	7604.0	0.0031961	0.00000545	mg/L				0.17%
Fe 273.955	2642933.3	173.569	0.4737	mg/L				0.27%
Mg 279.079	6457341.6	497.906	3.2385	mg/L				0.65%
Mn 257.610	-2845.7	-0.0054599	0.00004016	mg/L				0.74%
Se 196.026	-262.0	-0.0074860	0.00076463	mg/L				10.21%
V 292.402	7474.4	0.0035690	0.00005600	mg/L				1.57%
Zn 206.200	160.1	-0.0041781	0.00004937	mg/L				1.18%
Na 330.237	687.2	-5.16688	0.058913	mg/L				1.14%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1829.0	-0.0034975	0.00005065	mg/L				1.45%
Mo 202.030	-195.1	-0.0045073	0.00010833	mg/L				2.40%
Sn 189.933	-12.1	-0.0021830	0.00022009	mg/L				10.08%
Be 234.861	-7986.9	-0.0040144	0.00000996	mg/L				0.25%
As 188.979	-53.1	-0.0021536	0.00100041	mg/L				46.45%
Sb 206.833	117.5	-0.0015586	0.00198292	mg/L				127.22%
Cr 206.158	833.3	0.0024895	0.00019077	mg/L				7.66%

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Pb 220.353	-185.3	-0.0052513	0.00008442	mg/L	1.61%
Ni 231.604	1044.6	0.0060200	0.00076602	mg/L	12.72%
Tl 190.800	-64.1	-0.0019483	0.00309560	mg/L	158.89%

Mean Data

ID: ICSAB V-4506 Seq. No.: 9 Sample No.: 4 A/S Pos: 6
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/9/05 1:14:54 PM

Element	Mean Intensity	Corr. Conc.	Mean Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev. Units	RSD
Ag 328.068	151866.7	1.01886	0.002534	mg/L			0.25%
Al 308.215	7906592.5	456.916	2.4869	mg/L			0.54%
Ba 233.527	24390.6	0.466773	0.0044293	mg/L			0.95%
Ca 315.887	17395829.1	446.194	3.1321	mg/L			0.70%
Cd 226.502	98131.8	0.919625	0.0012205	mg/L			0.13%
Co 228.616	14020.6	0.456971	0.0039563	mg/L			0.87%
Cu 324.754	76635.2	0.501480	0.0001970	mg/L			0.04%
Fe 273.955	2674761.6	175.660	0.1683	mg/L			0.10%
Mg 279.079	6534538.6	503.858	3.7109	mg/L			0.74%
Mn 257.610	243506.0	0.467203	0.0001366	mg/L			0.03%
Se 196.026	5504.3	0.936461	0.0106922	mg/L			1.14%
V 292.402	83372.4	0.459501	0.0007098	mg/L			0.15%
Zn 206.200	39401.1	0.871670	0.0041979	mg/L			0.48%
Na 330.237	2143.8	-1.21593	0.038213	mg/L			3.14%
*QC exceeds lower limit for Na 330.237 Action = Continue							
Ti 334.941	-1729.4	-0.0033071	0.00010267	mg/L			3.10%
Mo 202.030	-190.3	-0.0041415	0.00064884	mg/L			15.67%
Sn 189.933	-15.4	-0.0025439	0.00052555	mg/L			20.66%
Be 234.861	243477.9	0.480776	0.0000095	mg/L			0.00%
As 188.979	2418.8	0.991930	0.0084622	mg/L			0.85%
Sb 206.833	3554.7	0.965832	0.0028080	mg/L			0.29%
Cr 206.158	12238.0	0.461004	0.0037319	mg/L			0.81%
Pb 220.353	4264.3	0.940568	0.0072553	mg/L			0.77%
Ni 231.604	19641.5	0.916172	0.0062466	mg/L			0.68%
Tl 190.800	1492.4	0.950059	0.0036652	mg/L			0.39%

Mean Data

ID: 18825-001 Seq. No.: 10 Sample No.: 1 A/S Pos: 146
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 2.0
 Data: Original Date: 8/9/05 1:17:57 PM

Element	Mean Intensity	Corr. Conc.	Mean Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev. Units	RSD
Ag 328.068	-1333.7	-0.0089476	0.00038197	mg/L	-0.0178952	0.00076394	4.27%
Al 308.215	347926.3	19.7608	0.10278	mg/L	39.5216	0.20555	0.52%
Ba 233.527	7138.3	0.136609	0.0005469	mg/L	0.273219	0.0010939	0.40%
Ca 315.887	95492.1	2.44932	0.019348	mg/L	4.89864	0.038697	0.79%
Cd 226.502	2933.1	0.0029942	0.00041106	mg/L	0.0059884	0.00082212	13.73%
Co 228.616	3372.1	0.109908	0.0001143	mg/L	0.219816	0.0002286	0.10%
Cu 324.754	141630.9	0.976001	0.0053843	mg/L	1.95200	0.010769	0.55%
Fe 273.955	4740153.0	311.363	3.1576	mg/L	622.726	6.3152	1.01%
Mg 279.079	35490.6	2.73657	0.029410	mg/L	5.47315	0.058820	1.07%
Mn 257.610	1402545.4	2.69099	0.003797	mg/L	5.38199	0.007595	0.14%
Se 196.026	-414.8	0.0159132	0.00051616	mg/L	0.0318264	0.00103232	3.24%
V 292.402	14756.3	0.135517	0.0002351	mg/L	0.271034	0.0004702	0.17%
Zn 206.200	71496.5	1.58803	0.005325	mg/L	3.17606	0.010650	0.34%
Na 330.237	2581.7	4.86272	0.039478	mg/L	9.72544	0.078957	0.81%
Ti 334.941	415417.8	0.794401	0.0043847	mg/L	1.58880	0.008769	0.55%
Mo 202.030	-113.3	0.0058082	0.00012634	mg/L	0.0116164	0.00025269	2.18%
Sn 189.933	664.8	0.0709141	0.00039911	mg/L	0.141828	0.0007982	0.56%
Be 234.861	-13793.5	-0.0061720	0.00020301	mg/L	-0.0123440	0.00040601	3.29%
As 188.979	24.8	0.0374025	0.00183813	mg/L	0.0748050	0.00367626	4.91%
Sb 206.833	120.1	0.0122914	0.00145269	mg/L	0.0245829	0.00290537	11.82%
Cr 206.158	1981.4	0.0811633	0.00039540	mg/L	0.162327	0.0007908	0.49%
Pb 220.353	1065.2	0.211512	0.0000806	mg/L	0.423024	0.0001613	0.04%
Ni 231.604	8002.5	0.333847	0.0018649	mg/L	0.667694	0.0037298	0.56%
Tl 190.800	-83.2	-0.0009585	0.00161451	mg/L	-0.0019170	0.00322902	168.45%

Mean Data

ID: 18778-001 Seq. No.: 11 Sample No.: 2 A/S Pos: 147
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0

Data: Original

Date: 8/9/05

1:21:42 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-958.1	-0.0064276	0.00016543	mg/L	-0.0321379	0.00082714	mg/L	2.57%
Al 308.215	132085.8	7.27456	0.011992	mg/L	36.3728	0.05996	mg/L	0.16%
Ba 233.527	36765.4	0.703594	0.0008110	mg/L	3.51797	0.004055	mg/L	0.12%
Ca 315.887	73889.7	1.89523	0.006393	mg/L	9.47616	0.031965	mg/L	0.34%
Cd 226.502	1441.3	-0.0000533	0.00008592	mg/L	-0.0002665	0.00042962	mg/L	161.22%
Co 228.616	856.7	0.0279223	0.00035186	mg/L	0.139611	0.0017593	mg/L	1.26%
Cu 324.754	55078.1	0.345757	0.0000229	mg/L	1.72879	0.000114	mg/L	0.01%
Fe 273.955	2619931.7	172.058	2.0176	mg/L	860.289	10.0878	mg/L	1.17%
Mg 279.079	14734.5	1.13613	0.000895	mg/L	5.68067	0.004477	mg/L	0.08%
Mn 257.610	593805.7	1.13931	0.013570	mg/L	5.69653	0.067850	mg/L	1.19%
Se 196.026	-188.1	0.0111948	0.00076849	mg/L	0.0559741	0.00384244	mg/L	6.86%
V 292.402	3861.1	0.0490682	0.00040800	mg/L	0.245341	0.0020400	mg/L	0.83%
Zn 206.200	60698.9	1.34703	0.011536	mg/L	6.73515	0.057681	mg/L	0.86%
Va 330.237	2389.1	5.06419	0.015997	mg/L	25.3210	0.07998	mg/L	0.32%
Ti 334.941	202552.0	0.387339	0.0010033	mg/L	1.93669	0.005016	mg/L	0.26%
Mo 202.030	-9.3	0.0063411	0.00007778	mg/L	0.0317054	0.00038888	mg/L	1.23%
Sn 189.933	332.6	0.0350390	0.00032756	mg/L	0.175195	0.0016378	mg/L	0.93%
Be 234.861	-7514.8	-0.0032036	0.00003320	mg/L	-0.0160180	0.00016599	mg/L	1.04%
As 188.979	226.4	0.110147	0.0017416	mg/L	0.550737	0.0087081	mg/L	1.58%
Sb 206.833	123.1	0.0131155	0.00067671	mg/L	0.0655776	0.00338354	mg/L	5.16%
Cr 206.158	1431.8	0.0577526	0.00033251	mg/L	0.288763	0.0016625	mg/L	0.58%
Pb 220.353	25865.2	5.48888	0.019767	mg/L	27.4444	0.09883	mg/L	0.36%
Ni 231.604	2279.4	0.0783222	0.00011775	mg/L	0.391611	0.0005888	mg/L	0.15%
Tl 190.800	-75.2	-0.0087031	0.00111148	mg/L	-0.0435154	0.00555740	mg/L	12.77%

Mean Data

ID: 18778-001 SD Seq. No.: 12 Sample No.: 3 A/S Pos: 148
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0
Data: Original Date: 8/9/05 1:24:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-478.9	-0.0032126	0.00022697	mg/L	-0.0160632	0.00113483	mg/L	7.06%
Al 308.215	30265.7	1.38432	0.018137	mg/L	6.92161	0.090686	mg/L	1.31%
Ba 233.527	7318.2	0.140052	0.0011446	mg/L	0.700260	0.0057231	mg/L	0.82%
Ca 315.887	620.3	0.0159093	0.01037811	mg/L	0.0795467	0.05189055	mg/L	65.23%
Cd 226.502	153.5	0.0014604	0.00003394	mg/L	0.0073022	0.00016972	mg/L	2.32%
Co 228.616	101.3	0.0033021	0.00016600	mg/L	0.0165105	0.00083001	mg/L	5.03%
Cu 324.754	17420.7	0.0670790	0.00063237	mg/L	0.335395	0.0031618	mg/L	0.94%
Fe 273.955	539759.6	35.3839	0.60190	mg/L	176.919	3.0095	mg/L	1.70%
Mg 279.079	3465.9	0.267248	0.0071741	mg/L	1.33624	0.035870	mg/L	2.68%
Mn 257.610	119352.8	0.228996	0.0039926	mg/L	1.14498	0.019963	mg/L	1.74%
Se 196.026	2.0	0.0012832	0.00058934	mg/L	0.0064158	0.00294670	mg/L	45.93%
V 292.402	695.6	0.0094989	0.00017893	mg/L	0.0474944	0.00089464	mg/L	1.88%
Zn 206.200	12477.5	0.270742	0.0050599	mg/L	1.35371	0.025300	mg/L	1.87%
Na 330.237	1201.3	2.14774	0.011452	mg/L	10.7387	0.05726	mg/L	0.53%
Ti 334.941	40415.5	0.0772863	0.00127824	mg/L	0.386432	0.0063912	mg/L	1.65%
Mo 202.030	-82.2	-0.0048250	0.00009514	mg/L	-0.0241251	0.00047570	mg/L	1.97%
Sn 189.933	54.7	0.0050332	0.00005001	mg/L	0.0251662	0.00025007	mg/L	0.99%
Be 234.861	-1858.4	-0.0035818	0.00008190	mg/L	-0.0179088	0.00040950	mg/L	2.29%
As 188.979	21.4	0.0173737	0.00011250	mg/L	0.0868683	0.00056252	mg/L	0.65%
Sb 206.833	78.7	0.0006317	0.00006897	mg/L	0.0031583	0.00034485	mg/L	10.92%
Cr 206.158	402.7	0.0080486	0.00056187	mg/L	0.0402430	0.00280936	mg/L	6.98%
Pb 220.353	5088.6	1.07435	0.011847	mg/L	5.37176	0.059234	mg/L	1.10%
Ni 231.604	454.4	0.0132132	0.00003509	mg/L	0.0660659	0.00017544	mg/L	0.27%
Tl 190.800	-60.3	0.0003935	0.00252572	mg/L	0.0019677	0.01262862	mg/L	641.78%

Mean Data

ID: 18778-014 Seq. No.: 13 Sample No.: 4 A/S Pos: 149
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 2.0
Data: Original Date: 8/9/05 1:27:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	1670.8	0.0183188	0.00019343	mg/L	0.0366375	0.00038686	mg/L	1.06%
Al 308.215	619718.1	35.4838	0.23208	mg/L	70.9676	0.46416	mg/L	0.65%
Ba 233.527	78058.9	1.49384	0.007914	mg/L	2.98769	0.015828	mg/L	0.53%
Ca 315.887	3533913.2	90.6430	0.69720	mg/L	181.286	1.3944	mg/L	0.77%

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Cd 226.502	7119.5	0.0449993	0.00034696	mg/L	0.0899986	0.00069391	mg/L	0.77%
Co 228.616	1642.4	0.0535317	0.00032054	mg/L	0.107063	0.0006411	mg/L	0.60%
Cu 324.754	203400.9	1.42071	0.006997	mg/L	2.84142	0.013993	mg/L	0.49%
Fe 273.955	4326797.4	284.204	2.0204	mg/L	568.409	4.0409	mg/L	0.71%
Mg 279.079	305471.2	23.5540	0.16469	mg/L	47.1079	0.32938	mg/L	0.70%
Mn 257.610	916297.3	1.75805	0.012161	mg/L	3.51611	0.024321	mg/L	0.69%
Se 196.026	110.2	0.0936508	0.00070511	mg/L	0.187302	0.0014102	mg/L	0.75%
V 292.402	6720.2	0.0831101	0.00003390	mg/L	0.166220	0.0000678	mg/L	0.04%
Zn 206.200	592897.1	13.2255	0.12826	mg/L	26.4511	0.25653	mg/L	0.97%
Na 330.237	21106.6	58.2994	0.48161	mg/L	116.599	0.9632	mg/L	0.83%
Ti 334.941	698571.4	1.33587	0.008989	mg/L	2.67175	0.017978	mg/L	0.67%
Mo 202.030	-0.5	0.0113403	0.00034154	mg/L	0.0226805	0.00068308	mg/L	3.01%
Sn 189.933	1326.2	0.142334	0.0007835	mg/L	0.284668	0.0015671	mg/L	0.55%
Be 234.861	-12339.3	-0.0051497	0.00012241	mg/L	-0.0102995	0.00024481	mg/L	2.38%
As 188.979	1049.7	0.447928	0.0006946	mg/L	0.895856	0.0013892	mg/L	0.16%
Sb 206.833	200.5	0.0349195	0.00087758	mg/L	0.0698391	0.00175516	mg/L	2.51%
Cr 206.158	337.0	0.0921313	0.00237936	mg/L	0.184263	0.0047587	mg/L	2.58%
Pb 220.353	33564.8	7.11762	0.033766	mg/L	14.2352	0.06753	mg/L	0.47%
Ni 231.604	4396.8	0.162104	0.0007072	mg/L	0.324208	0.0014144	mg/L	0.44%
Tl 190.800	-95.1	-0.0044481	0.00508896	mg/L	-0.0088962	0.01017792	mg/L	114.41%

Mean Data

ID: 18778-019 Seq. No.: 14 Sample No.: 5 A/S Pos: 150
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 10.0
Data: Original Date: 8/9/05 1:31:10 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-412.4	-0.0027670	0.00009798	mg/L	-0.0276701	0.00097985	mg/L	3.54%
Al 308.215	36412.2	1.73989	0.040364	mg/L	17.3989	0.40364	mg/L	2.32%
Ba 233.527	34644.4	0.663004	0.0129584	mg/L	6.63004	0.129584	mg/L	1.95%
Ca 315.887	10100.9	0.259083	0.0103523	mg/L	2.59083	0.103523	mg/L	4.00%
Cd 226.502	329.7	0.0031366	0.00006095	mg/L	0.0313657	0.00060950	mg/L	1.94%
Co 228.616	113.9	0.0037135	0.00002363	mg/L	0.0371350	0.00023629	mg/L	0.64%
Cu 324.754	103633.3	0.689278	0.0144313	mg/L	6.89278	0.144313	mg/L	2.09%
Fe 273.955	296357.2	19.3916	0.38312	mg/L	193.916	3.8312	mg/L	1.98%
Mg 279.079	13096.0	1.00979	0.019985	mg/L	10.0979	0.19985	mg/L	1.98%
Mn 257.610	66093.7	0.126811	0.0025649	mg/L	1.26811	0.025649	mg/L	2.02%
Se 196.026	36.5	0.0021169	0.00135797	mg/L	0.0211689	0.01357970	mg/L	64.15%
V 292.402	1622.4	0.0097568	0.00031813	mg/L	0.0975681	0.00318134	mg/L	3.26%
Zn 206.200	244946.6	5.45939	0.097930	mg/L	54.5939	0.97930	mg/L	1.79%
Na 330.237	9028.4	25.0398	0.34646	mg/L	250.398	3.4646	mg/L	1.38%
Ti 334.941	76360.9	0.146024	0.0028193	mg/L	1.46024	0.028193	mg/L	1.93%
Mo 202.030	-71.6	-0.0042061	0.00020414	mg/L	-0.0420613	0.00204144	mg/L	4.85%
Sn 189.933	2364.1	0.254414	0.0002379	mg/L	2.54414	0.002379	mg/L	0.09%
Be 234.861	-897.1	-0.0017290	0.00008209	mg/L	-0.0172900	0.000082093	mg/L	4.75%
As 188.979	5.7	0.0110580	0.00034602	mg/L	0.110580	0.0034602	mg/L	3.13%
Sb 206.833	118.4	0.0118077	0.00035756	mg/L	0.118077	0.0035756	mg/L	3.03%
Cr 206.158	-401.3	0.0118976	0.00024283	mg/L	0.118976	0.0024283	mg/L	2.04%
Pb 220.353	56873.8	12.0775	0.27084	mg/L	120.775	2.7084	mg/L	2.24%
Ni 231.604	513.2	0.0223669	0.00005899	mg/L	0.223669	0.0005899	mg/L	0.26%
Tl 190.800	-61.0	-0.0000336	0.00027494	mg/L	-0.0003362	0.00274938	mg/L	817.81%

Mean Data

ID: ICSA V-4505 Seq. No.: 15 Sample No.: 3 A/S Pos: 5
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 1:35:05 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-195.2	-0.0013094	0.00000677	mg/L				0.52%
Al 308.215	7780830.6	449.666	1.6187	mg/L				0.36%
Ba 233.527	-55.7	-0.0010652	0.00002180	mg/L				2.05%
Ca 315.887	17270687.2	442.984	2.8473	mg/L				0.64%
Cd 226.502	1510.3	0.0004303	0.00001499	mg/L				3.48%
Co 228.616	81.7	0.0026630	0.00035754	mg/L				13.43%
Cu 324.754	7559.1	0.0028982	0.00074075	mg/L				25.56%
Fe 273.955	2652827.2	174.219	0.4141	mg/L				0.24%
Mg 279.079	6453714.8	497.626	3.5269	mg/L				0.71%
Mn 257.610	-2585.3	-0.0049604	0.00070046	mg/L				14.12%
Se 196.026	-249.7	-0.0052344	0.00058079	mg/L				11.10%
V 292.402	7519.1	0.0039735	0.00050521	mg/L				12.71%

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Zn 206.200	445.6	0.0021949	0.00087679	mg/L	39.95%
Na 330.237	651.7	-5.20782	0.006162	mg/L	0.12%
*QC exceeds lower limit for Na 330.237 Action = Continue					
Ti 334.941	-1806.1	-0.0034538	0.00006446	mg/L	1.87%
Mo 202.030	-189.2	-0.0041369	0.00047465	mg/L	11.47%
Sn 189.933	-38.7	-0.0050530	0.00027349	mg/L	5.41%
Be 234.861	-7986.3	-0.0039706	0.00002889	mg/L	0.73%
As 188.979	-49.7	-0.0007729	0.00003500	mg/L	4.53%
Sb 206.833	116.8	-0.0016466	0.00147002	mg/L	89.27%
Cr 206.158	826.1	0.0023632	0.00003783	mg/L	1.60%
Pb 220.353	-183.8	-0.0051230	0.00016053	mg/L	3.13%
Ni 231.604	1058.4	0.0066596	0.00025067	mg/L	3.76%
Tl 190.800	-65.9	-0.0030288	0.00070330	mg/L	23.22%

Mean Data

ID: ICSAB V-4506 Seq. No.: 16 Sample No.: 4 A/S Pos: 6
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 1:38:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	152318.6	1.02189	0.002432	mg/L				0.24%
Al 308.215	7882971.6	455.548	3.8637	mg/L				0.85%
Ba 233.527	24420.2	0.467339	0.0004763	mg/L				0.10%
Ca 315.887	17554113.9	450.253	3.6437	mg/L				0.81%
Cd 226.502	98947.8	0.927286	0.0000439	mg/L				0.00%
Co 228.616	14050.0	0.457932	0.0004578	mg/L				0.10%
Cu 324.754	76185.7	0.498287	0.0027857	mg/L				0.56%
Fe 273.955	2694322.0	176.945	0.2710	mg/L				0.15%
Mg 279.079	6562294.0	505.998	4.9351	mg/L				0.98%
Mn 257.610	245734.8	0.471479	0.0006231	mg/L				0.13%
Se 196.026	5484.3	0.933604	0.0038403	mg/L				0.41%
V 292.402	83857.9	0.462324	0.0000367	mg/L				0.01%
Zn 206.200	39935.8	0.883604	0.0019731	mg/L				0.22%
Na 330.237	2187.6	-1.15812	0.078093	mg/L				6.74%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1664.1	-0.0031823	0.00000453	mg/L				0.14%
Mo 202.030	-185.0	-0.0037790	0.00016997	mg/L				4.50%
Sn 189.933	-40.5	-0.0052486	0.00098988	mg/L				18.86%
Be 234.861	244876.0	0.483555	0.0011576	mg/L				0.24%
As 188.979	2418.2	0.991767	0.0064876	mg/L				0.65%
Sb 206.833	3545.0	0.963168	0.0025701	mg/L				0.27%
Cr 206.158	12258.3	0.461959	0.0014627	mg/L				0.32%
Pb 220.353	4297.0	0.947498	0.0012517	mg/L				0.13%
Ni 231.604	19623.8	0.915111	0.0014155	mg/L				0.15%
Tl 190.800	1513.3	0.962890	0.0118176	mg/L				1.23%

Mean Data

ID: CCV V-4510 Seq. No.: 17 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 1:41:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71801.1	0.481706	0.0039870	mg/L				0.83%
Al 308.215	94785.4	5.11675	0.005186	mg/L				0.10%
Ba 233.527	26829.5	0.513448	0.0059251	mg/L				1.15%
Ca 315.887	1987472.8	50.9776	0.59909	mg/L				1.18%
Cd 226.502	53376.6	0.507855	0.0060745	mg/L				1.20%
Co 228.616	15182.7	0.494847	0.0008202	mg/L				0.17%
Cu 324.754	75738.0	0.487957	0.0033352	mg/L				0.68%
Fe 273.955	78784.4	5.09633	0.039676	mg/L				0.78%
Mg 279.079	657941.7	50.7319	0.55241	mg/L				1.09%
Mn 257.610	266797.3	0.511891	0.0055317	mg/L				1.08%
Se 196.026	3111.3	0.499351	0.0003492	mg/L				0.07%
V 292.402	84442.6	0.500936	0.0052070	mg/L				1.04%
Zn 206.200	23767.9	0.522740	0.0070962	mg/L				1.36%
Na 330.237	39232.5	48.5282	0.35356	mg/L				0.73%
Ti 334.941	264281.1	0.505383	0.0050165	mg/L				0.99%
Mo 202.030	8418.6	0.494273	0.0000378	mg/L				0.01%
Sn 189.933	4723.6	0.509206	0.0021376	mg/L				0.42%
Be 234.861	260134.3	0.501362	0.0053329	mg/L				1.06%

00500

As 188.979	1220.5	0.499552	0.0012343	mg/L	0.25%
Sb 206.833	1846.7	0.498288	0.0001975	mg/L	0.04%
Cr 206.158	12804.6	0.500664	0.0059329	mg/L	1.19%
Pb 220.353	2403.3	0.503788	0.0016614	mg/L	0.33%
Ni 231.604	10195.2	0.496462	0.0014890	mg/L	0.30%
P1 190.800	753.9	0.498418	0.0026239	mg/L	0.53%

Mean Data

ID: CCB	Seq. No.: 18	Sample No.: 6	A/S Pos: 1
Sample Qty: 1.0000 g	Prep. Vol.: 1.0 L	Dilution: 1.0	1.0
	Data: Original	Date: 8/9/05	1:44:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-295.6	-0.0019834	0.00027652	mg/L				13.94%
Al 308.215	5771.9	-0.0326288	0.00479610	mg/L				14.70%
Ba 233.527	-1.3	-0.0000256	0.00004578	mg/L				178.71%
Ca 315.887	-15590.0	-0.399874	0.0073191	mg/L				1.83%
Cd 226.502	-145.9	-0.0013880	0.00005909	mg/L				4.26%
Co 228.616	-89.0	-0.0029011	0.00003603	mg/L				1.24%
Cu 324.754	8359.2	0.0016815	0.00035431	mg/L				21.07%
Fe 273.955	862.3	-0.0233996	0.00715591	mg/L				30.58%
Hg 279.079	787.6	0.0607258	0.00327300	mg/L				5.39%
Mn 257.610	516.7	0.0009914	0.00007034	mg/L				7.09%
Se 196.026	53.5	-0.0009233	0.00019706	mg/L				21.34%
V 292.402	-208.4	-0.0012533	0.00004495	mg/L				3.59%
Zn 206.200	355.4	0.0001815	0.00010752	mg/L				59.24%
Na 330.237	954.9	1.14813	0.064785	mg/L				5.64%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Pi 334.941	-205.2	-0.0003924	0.00006741	mg/L				17.18%
Mo 202.030	-98.1	-0.0057600	0.00018773	mg/L				3.26%
Sn 189.933	-5.4	-0.0014639	0.00044367	mg/L				30.31%
Be 234.861	-328.0	-0.0006323	0.00000206	mg/L				0.33%
As 188.979	-31.6	-0.0039151	0.00139993	mg/L				35.76%
Sb 206.833	64.0	-0.0035122	0.00002730	mg/L				0.78%
Cr 206.158	143.3	-0.0022536	0.00018059	mg/L				8.01%
Pb 220.353	19.4	-0.0027312	0.00108779	mg/L				39.83%
Ni 231.604	-7.1	-0.0031079	0.00036433	mg/L				11.72%
P1 190.800	-56.1	0.0029767	0.00284978	mg/L				95.74%

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Method Name: HgCV1 SOIL
Method Description: HgCV1 SOIL
Element: Hg

Date: 07/29/2005
Technique: FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6207S.SIF

Results Data Set Name: H6207S

=====
Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 07/29/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0002	0.0012	0.0002	02:03:28	No
2			0.0002	0.0013	0.0002	02:04:03	No
Mean:			0.0002				
SD :			0.0001				
%RSD:			32.0083				

Auto-zero performed.

=====
Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 07/29/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0015	0.0095	0.0017	02:05:04	No
2			0.0016	0.0124	0.0018	02:05:39	No
Mean:			0.0016				
SD :			0.0001				
%RSD:			6.7277				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00313
Intercept : 0.00000

=====
Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 07/29/2005
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0029	0.0179	0.0031	02:06:40	No
2			0.0029	0.0182	0.0031	02:07:15	No
Mean:			0.0029				
SD :			0.0000				
%RSD:			1.0077				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99898 Slope: 0.00290
Intercept : 0.00004

=====
Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 07/29/2005
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0057	0.0340	0.0059	02:08:16	No
2			0.0057	0.0342	0.0059	02:08:51	No
Mean:			0.0057				
SD :			0.0000				
%RSD:			0.6185				

[Hg] Standard number 3 applied. [2.000]

Correlation Coefficient: ~~0.99967~~ Slope: ~~0.00283~~
 Intercept : 0.00006

=====
 Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 07/29/2005
 Sample ID: 5.0 PPB

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0143	0.0838	0.0145	02:09:52	No
2			0.0143	0.0838	0.0145	02:10:27	No
Mean:			0.0143				
SD :			0.0000				

%RSD:
 [Hg] Standard number 4 applied. [5.000]
 Correlation Coefficient: 0.99995 Slope: 0.00285
 Intercept : 0.00005

=====
 Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 07/29/2005
 Sample ID: 10.0 PPB

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0285	0.1682	0.0287	02:11:29	No
2			0.0291	0.1678	0.0293	02:12:04	No
Mean:			0.0288				
SD :			0.0005				

%RSD: 1.5848
 [Hg] Standard number 5 applied. [10.00]
 Correlation Coefficient: 0.99998 Slope: 0.00287
 Intercept : 0.00002

=====
 Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 07/29/2005
 Sample ID: 25.0 PPB

Repl #	SampleConc $\mu\text{g/L}$	StndConc $\mu\text{g/L}$	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0725	0.4173	0.0727	02:13:05	No
2			0.0722	0.4119	0.0724	02:13:40	No
Mean:			0.0724				
SD :			0.0002				

%RSD: 0.2670
 [Hg] Standard number 6 applied. [25.00]
 Correlation Coefficient: 0.99999 Slope: 0.00289
 Intercept : -0.00003

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration ($\mu\text{g/L}$)	Calculated Concentration ($\mu\text{g/L}$)	Standard Deviation	%RSD
Calib Blank	0.0002	---	----	----	----
0.5 PPB	0.0016	0.500	0.552	0.0001	6.7
1.0 PPB	0.0029	1.000	1.014	0.0000	1.0
2.0 PPB	0.0057	2.000	1.984	0.0000	0.6
5.0 PPB	0.0143	5.000	4.952	0.0000	----
10.0 PPB	0.0288	10.000	9.963	0.0005	1.6
25.0 PPB	0.0724	25.000	25.02	0.0002	0.3
Correlation Coefficient: 0.99999		Slope:	0.00289	Intercept: 0.0000	

=====
 Element: Hg Seq. No.: 8 AS Loc.: 9 Date: 07/29/2005
 Sample ID: ICV 1183 (2)

001000

001601

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	20.29	20.29	0.0587	0.3348	0.0589	02:14:44	No
2	20.21	20.21	0.0584	0.3318	0.0586	02:15:19	No
Mean:	20.25	20.25	0.0585				
SD :	0.0549	0.0549	0.0002				
%RSD:	0.3	0.3	0.2713				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 9 AS Loc.: 1 Date: 07/29/2005
 Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000	0.000	0.0000	0.0003	0.0002	02:16:20	No
2	-0.069	-0.069	-0.0002	-0.0016	0.0000	02:16:55	No
Mean:	-0.034	-0.034	-0.0001				
SD :	0.0490	0.0490	0.0001				
%RSD:	142.4	142.4	106.9660				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 10 AS Loc.: 10 Date: 07/29/2005
 Sample ID: MB 6207 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.035	-0.035	-0.0001	-0.0005	0.0001	02:17:56	No
2	-0.028	-0.028	-0.0001	-0.0003	0.0001	02:18:31	No
Mean:	-0.032	-0.032	-0.0001				
SD :	0.0049	0.0049	0.0000				
%RSD:	15.3	15.3	11.2922				

=====
 Element: Hg Seq. No.: 11 AS Loc.: 11 Date: 07/29/2005
 Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.33	10.33	0.0299	0.1688	0.0301	02:19:32	No
2	10.42	10.42	0.0301	0.1710	0.0303	02:20:07	No
Mean:	10.38	10.38	0.0300				
SD :	0.0621	0.0621	0.0002				
%RSD:	0.6	0.6	0.5991				

=====
 Element: Hg Seq. No.: 12 AS Loc.: 12 Date: 07/29/2005
 Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.34	10.34	0.0299	0.1698	0.0301	02:21:07	No
2	10.41	10.41	0.0301	0.1701	0.0303	02:21:42	No
Mean:	10.38	10.38	0.0300				
SD :	0.0511	0.0511	0.0001				
%RSD:	0.5	0.5	0.4929				

=====
 Element: Hg Seq. No.: 13 AS Loc.: 13 Date: 07/29/2005
 Sample ID: 18802-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.724	3.724	0.0107	0.0608	0.0109	02:22:42	No
2	3.814	3.814	0.0110	0.0609	0.0112	02:23:17	No
Mean:	3.769	3.769	0.0109				

001002

SD : 0.0637 0.0637 0.0002
 %RSD: 1.7 1.7 1.6962

Element: Hg Seq. No.: 14 AS Loc.: 14 Date: 07/29/2005
 Sample ID: 18802-005 MR

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.632	4.632	0.0134	0.0746	0.0136	02:24:17	No
2	4.664	4.664	0.0135	0.0758	0.0137	02:24:52	No
Mean:	4.648	4.648	0.0134				
SD :	0.0224	0.0224	0.0001				
%RSD:	0.5	0.5	0.4822				

Element: Hg Seq. No.: 15 AS Loc.: 15 Date: 07/29/2005
 Sample ID: 18802-005 MS 1

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	15.36	15.36	0.0444	0.2426	0.0446	02:25:52	No
2	15.47	15.47	0.0447	0.2436	0.0449	02:26:27	No
Mean:	15.42	15.42	0.0446				
SD :	0.0745	0.0745	0.0002				
%RSD:	0.5	0.5	0.4837				

Element: Hg Seq. No.: 16 AS Loc.: 16 Date: 07/29/2005
 Sample ID: 18802-005 MS 2

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	15.14	15.14	0.0438	0.2386	0.0440	02:27:28	No
2	15.10	15.10	0.0437	0.2379	0.0438	02:28:03	No
Mean:	15.12	15.12	0.0437				
SD :	0.0269	0.0269	0.0001				
%RSD:	0.2	0.2	0.1782				

Element: Hg Seq. No.: 17 AS Loc.: 17 Date: 07/29/2005
 Sample ID: 18802-006

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.085	0.085	0.0002	0.0010	0.0004	02:29:03	No
2	0.103	0.103	0.0003	0.0019	0.0005	02:29:38	No
Mean:	0.094	0.094	0.0002				
SD :	0.0122	0.0122	0.0000				
%RSD:	13.0	13.0	14.8230				

Element: Hg Seq. No.: 18 AS Loc.: 18 Date: 07/29/2005
 Sample ID: 18778-021

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.289	0.289	0.0008	0.0049	0.0010	02:30:38	No
2	0.293	0.293	0.0008	0.0050	0.0010	02:31:13	No
Mean:	0.291	0.291	0.0008				
SD :	0.0032	0.0032	0.0000				
%RSD:	1.1	1.1	1.1339				

Element: Hg Seq. No.: 19 AS Loc.: 19 Date: 07/29/2005
 Sample ID: 18778-022

001003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.638	0.638	0.0018	0.0107	0.0020	02:32:17	No
2	0.597	0.597	0.0017	0.0096	0.0019	02:32:52	No
Mean:	0.618	0.618	0.0018				
SD :	0.0289	0.0289	0.0001				
%RSD:	4.7	4.7	4.7679				

=====
 Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 07/29/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.84	10.84	0.0313	0.1718	0.0315	02:33:56	No
2	10.59	10.59	0.0306	0.1662	0.0308	02:34:31	No
Mean:	10.72	10.72	0.0310				
SD :	0.1771	0.1771	0.0005				
%RSD:	1.7	1.7	1.6541				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 07/29/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.017	0.017	0.0000	0.0002	0.0002	02:35:35	No
2	-0.042	-0.042	-0.0002	-0.0009	0.0000	02:36:10	No
Mean:	-0.012	-0.012	-0.0001				
SD :	0.0422	0.0422	0.0001				
%RSD:	338.5	338.5	176.9505				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 22 AS Loc.: 20 Date: 07/29/2005
 Sample ID: 18778-023

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.048	0.048	0.0001	0.0004	0.0003	02:37:12	No
2	0.072	0.072	0.0002	0.0007	0.0004	02:37:47	No
Mean:	0.060	0.060	0.0001				
SD :	0.0169	0.0169	0.0000				
%RSD:	28.0	28.0	34.5775				

=====
 Element: Hg Seq. No.: 23 AS Loc.: 21 Date: 07/29/2005
 Sample ID: 18778-024

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.531	1.531	0.0044	0.0244	0.0046	02:38:48	No
2	1.443	1.443	0.0041	0.0214	0.0043	02:39:23	No
Mean:	1.487	1.487	0.0043				
SD :	0.0624	0.0624	0.0002				
%RSD:	4.2	4.2	4.2299				

=====
 Element: Hg Seq. No.: 24 AS Loc.: 22 Date: 07/29/2005
 Sample ID: 18776-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.899	0.899	0.0026	0.0137	0.0028	02:40:24	No
2	0.926	0.926	0.0026	0.0145	0.0028	02:40:59	No
Mean:	0.912	0.912	0.0026				

001004

SD : 0.0194 0.0194 0.0001
 %RSD: 2.1 2.1 2.1503

=====
 Element: Hg Seq. No.: 25 AS Loc.: 23 Date: 07/29/2005
 Sample ID: 18797-001

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.514	0.514	0.0015	0.0084	0.0016	02:42:00	No
2	0.515	0.515	0.0015	0.0082	0.0017	02:42:35	No
Mean:	0.515	0.515	0.0015				
SD :	0.0011	0.0011	0.0000				
%RSD:	0.2	0.2	0.2100				

=====
 Element: Hg Seq. No.: 26 AS Loc.: 24 Date: 07/29/2005
 Sample ID: 18810-001

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.181	1.181	0.0034	0.0180	0.0036	02:43:36	No
2	1.223	1.223	0.0035	0.0195	0.0037	02:44:11	No
Mean:	1.202	1.202	0.0034				
SD :	0.0298	0.0298	0.0001				
%RSD:	2.5	2.5	2.5012				

=====
 Element: Hg Seq. No.: 27 AS Loc.: 25 Date: 07/29/2005
 Sample ID: 18810-002

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.091	0.091	0.0002	0.0023	0.0004	02:45:12	No
2	0.111	0.111	0.0003	0.0030	0.0005	02:45:47	No
Mean:	0.101	0.101	0.0003				
SD :	0.0146	0.0146	0.0000				
%RSD:	14.4	14.4	16.2597				

=====
 Element: Hg Seq. No.: 28 AS Loc.: 26 Date: 07/29/2005
 Sample ID: 18810-003

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	-0.0001	-0.0004	0.0001	02:46:48	No
2	0.004	0.004	0.0000	0.0008	0.0002	02:47:23	No
Mean:	-0.013	-0.013	-0.0001				
SD :	0.0247	0.0247	0.0001				
%RSD:	188.2	188.2	100.6514				

=====
 Element: Hg Seq. No.: 29 AS Loc.: 27 Date: 07/29/2005
 Sample ID: 18802-001

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.181	4.181	0.0121	0.0617	0.0123	02:48:24	No
2	4.162	4.162	0.0120	0.0617	0.0122	02:48:59	No
Mean:	4.172	4.172	0.0120				
SD :	0.0132	0.0132	0.0000				
%RSD:	0.3	0.3	0.3183				

=====
 Element: Hg Seq. No.: 30 AS Loc.: 28 Date: 07/29/2005
 Sample ID: 18802-002

601605

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.604	5.604	0.0162	0.0820	0.0164	02:50:03	No
2	5.555	5.555	0.0160	0.0807	0.0162	02:50:38	No
Mean:	5.579	5.579	0.0161				
SD :	0.0353	0.0353	0.0001				
%RSD:	0.6	0.6	0.6335				

=====
 Element: Hg Seq. No.: 31 AS Loc.: 29 Date: 07/29/2005
 Sample ID: 18802-003

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.476	0.476	0.0013	0.0072	0.0015	02:51:39	No
2	0.484	0.484	0.0014	0.0074	0.0016	02:52:14	No
Mean:	0.480	0.480	0.0014				
SD :	0.0055	0.0055	0.0000				
%RSD:	1.2	1.2	1.1812				

=====
 Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 07/29/2005
 Sample ID: CCV

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.85	11.85	0.0342	0.1726	0.0344	02:53:18	No
2	11.93	11.93	0.0345	0.1731	0.0347	02:53:53	No
Mean:	11.89	11.89	0.0344				
SD :	0.0588	0.0588	0.0002				
%RSD:	0.5	0.5	0.4952				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 07/29/2005
 Sample ID: CCB

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0000	0.0005	0.0002	02:54:57	No
2	0.011	0.011	0.0000	0.0011	0.0002	02:55:32	No
Mean:	0.009	0.009	0.0000				
SD :	0.0037	0.0037	0.0000				
%RSD:	43.4	43.4	128.7767				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 34 AS Loc.: 30 Date: 07/29/2005
 Sample ID: 18802-004

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.113	0.113	0.0003	0.0023	0.0005	02:56:35	No
2	0.096	0.096	0.0002	0.0019	0.0004	02:57:10	No
Mean:	0.104	0.104	0.0003				
SD :	0.0123	0.0123	0.0000				
%RSD:	11.8	11.8	13.2766				

=====
 Element: Hg Seq. No.: 35 AS Loc.: 31 Date: 07/29/2005
 Sample ID: MB FB

Repl #	Sample Conc µg/L	Stnd Conc µg/L	Blnk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	0.0000	0.0008	0.0002	02:58:11	No
2	0.023	0.023	0.0000	0.0014	0.0002	02:58:46	No
Mean:	0.019	0.019	0.0000				

1st Run Analysis *Shramd R 8/8/05* *V-5524*

001600

Method Name: HgCV1 SOIL
 Method Description: HgCV1 SOIL
 Element: Hg

Shramd R 8/8/05

Date: 08/08/2005
 Technique: FI-MHS
 Calibration Type:
 Hg, Calc. Intercept : Linear
 Wavelength: 253.7 nm
 Sample Info Name: H6243S.SIF

Results Data Set Name: ~~H6243S~~ *H62065*

=====
 Element: Hg Seq. No.: 81 AS Loc.: 1 Date: 08/08/2005
 Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0006	0.0019	0.0006	12:47:43	No
2			0.0008	0.0040	0.0008	12:48:18	No
Mean:			0.0007				
SD :			0.0001				
%RSD:			19.8701				

Auto-zero performed.

=====
 Element: Hg Seq. No.: 82 AS Loc.: 2 Date: 08/08/2005
 Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0041	0.0166	0.0049	12:49:19	No
2			0.0039	0.0143	0.0046	12:49:54	No
Mean:			0.0040				
SD :			0.0002				
%RSD:			3.8630				

[Hg] Standard number 1 applied. [0.500]
 Correlation Coefficient: 1.00000 Slope: 0.00801
 Intercept : 0.00000

=====
 Element: Hg Seq. No.: 83 AS Loc.: 3 Date: 08/08/2005
 Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0080	0.0256	0.0087	12:50:55	No
2			0.0080	0.0270	0.0087	12:51:30	No
Mean:			0.0080				
SD :			0.0000				
%RSD:			0.3859				

[Hg] Standard number 2 applied. [1.000]
 Correlation Coefficient: 1.00000 Slope: 0.00799
 Intercept : 0.00000

=====
 Element: Hg Seq. No.: 84 AS Loc.: 4 Date: 08/08/2005
 Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0152	0.0503	0.0160	12:52:31	No
2			0.0151	0.0492	0.0158	12:53:06	No
Mean:			0.0152				
SD :			0.0001				
%RSD:			0.5352				

[Hg] Standard number 3 applied. [2.000]
 Correlation Coefficient: 0.99953 Slope: 0.00756

Intercept : 0.00017

=====
 Element: Hg Seq. No.: 85 AS Loc.: 5 Date: 08/08/2005
 Sample ID: 5.0 PPB
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0374	0.1220	0.0381	12:54:07	No
2			0.0371	0.1190	0.0378	12:54:42	No
Mean:			0.0372				
SD :			0.0002				
%RSD:			0.6612				

[Hg] Standard number 4 applied. [5.000]
 Correlation Coefficient: 0.99989 Slope: 0.00740
 Intercept : 0.00029

=====
 Element: Hg Seq. No.: 86 AS Loc.: 6 Date: 08/08/2005
 Sample ID: 10.0 PPB
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0729	0.2329	0.0736	12:55:43	No
2			0.0731	0.2379	0.0738	12:56:18	No
Mean:			0.0730				
SD :			0.0001				
%RSD:			0.1468				

[Hg] Standard number 5 applied. [10.00]
 Correlation Coefficient: 0.99993 Slope: 0.00728
 Intercept : 0.00046

=====
 Element: Hg Seq. No.: 87 AS Loc.: 7 Date: 08/08/2005
 Sample ID: 25.0 PPB
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1703	0.5456	0.1710	12:57:19	No
2			0.1697	0.5452	0.1705	12:57:54	No
Mean:			0.1700				
SD :			0.0004				
%RSD:			0.2255				

[Hg] Standard number 6 applied. [25.00]
 Correlation Coefficient: 0.99955 Slope: 0.00680
 Intercept : 0.00167

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0007	---	---	---	---
0.5 PPB	0.0040	0.500	0.344	0.0002	3.9
1.0 PPB	0.0080	1.000	0.930	0.0000	0.4
2.0 PPB	0.0152	2.000	1.984	0.0001	0.5
5.0 PPB	0.0372	5.000	5.231	0.0002	0.7
10.0 PPB	0.0730	10.000	10.49	0.0001	0.1
25.0 PPB	0.1700	25.000	24.76	0.0004	0.2
Correlation Coefficient: 0.99955		Slope:	0.00680	Intercept:	0.0017

=====
 Element: Hg Seq. No.: 88 AS Loc.: 9 Date: 08/08/2005
 Sample ID: ICV 1183 (2)
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
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001008

1	20.36	20.36	0.1400	0.4456	0.1408	12:58:57	No
2	20.31	20.31	0.1397	0.4478	0.1404	12:59:32	No
Mean:	20.33	20.33	0.1399				
SD :	0.0343	0.0343	0.0002				
%RSD:	0.2	0.2	0.1665				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 89 AS Loc.: 1 Date: 08/08/2005
 Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.251	-0.251	0.0000	0.0017	0.0007	01:00:33	No
2	-0.257	-0.257	-0.0001	0.0014	0.0007	01:01:08	No
Mean:	-0.254	-0.254	-0.0001				
SD :	0.0043	0.0043	0.0000				
%RSD:	1.7	1.7	51.0805				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 90 AS Loc.: 60 Date: 08/08/2005 ✓
 Sample ID: MB 6206 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.293	-0.293	-0.0003	0.0021	0.0004	01:02:11	No
2	-0.303	-0.303	-0.0004	0.0009	0.0003	01:02:46	No
Mean:	-0.298	-0.298	-0.0004				
SD :	0.0067	0.0067	0.0000				
%RSD:	2.2	2.2	12.6477				

=====
 Element: Hg Seq. No.: 91 AS Loc.: 61 Date: 08/08/2005 ✓
 Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.32	10.32	0.0718	0.2306	0.0726	01:03:46	No
2	10.32	10.32	0.0718	0.2289	0.0725	01:04:21	No
Mean:	10.32	10.32	0.0718				
SD :	0.0035	0.0035	0.0000				
%RSD:							

=====
 Element: Hg Seq. No.: 92 AS Loc.: 62 Date: 08/08/2005 ✓
 Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.37	10.37	0.0722	0.2340	0.0729	01:05:21	No
2	10.52	10.52	0.0732	0.2347	0.0739	01:05:56	No
Mean:	10.45	10.45	0.0727				
SD :	0.1071	0.1071	0.0007				
%RSD:	1.0	1.0	1.0019				

=====
 Element: Hg Seq. No.: 93 AS Loc.: 63 Date: 08/08/2005 ✓
 Sample ID: 18778-008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.080	0.080	0.0022	0.0086	0.0029	01:06:56	No
2	0.106	0.106	0.0024	0.0119	0.0031	01:07:31	No
Mean:	0.093	0.093	0.0023				
SD :	0.0187	0.0187	0.0001				
%RSD:	20.1	20.1	5.5205				

001609

=====
 Element: Hg Seq. No.: 94 AS Loc.: 64 Date: 08/08/2005 ✓
 Sample ID: 18778-008 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.242	0.242	0.0033	0.0140	0.0040	01:08:31	No
2	0.216	0.216	0.0031	0.0118	0.0039	01:09:06	No
Mean:	0.229	0.229	0.0032				
SD :	0.0178	0.0178	0.0001				
%RSD:	7.8	7.8	3.7423				

=====
 Element: Hg Seq. No.: 95 AS Loc.: 65 Date: 08/08/2005 ✓
 Sample ID: 18778-008 MS 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.69	10.69	0.0743	0.2406	0.0750	01:10:06	No
2	10.82	10.82	0.0752	0.2396	0.0760	01:10:41	No
Mean:	10.75	10.75	0.0748				
SD :	0.0969	0.0969	0.0007				
%RSD:	0.9	0.9	0.8808				

=====
 Element: Hg Seq. No.: 96 AS Loc.: 66 Date: 08/08/2005 ✓
 Sample ID: ~~18878-008~~ MS 2
~~18778-008~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.73	10.73	0.0746	0.2362	0.0754	01:11:41	No
2	10.69	10.69	0.0743	0.2397	0.0750	01:12:16	No
Mean:	10.71	10.71	0.0745				
SD :	0.0336	0.0336	0.0002				
%RSD:	0.3	0.3	0.3068				

=====
 Element: Hg Seq. No.: 97 AS Loc.: 67 Date: 08/08/2005 X
 Sample ID: ~~18878-001~~
~~18778-008~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	72.86	72.86	0.4970	1.6577	0.4977	01:13:16	No
Sample absorbance is greater than that of the highest standard.							
2	73.05	73.05	0.4982	1.6542	0.4990	01:13:51	No
Sample absorbance is greater than that of the highest standard.							
Mean:	72.96	72.96	0.4976				
SD :	0.1316	0.1316	0.0009				
%RSD:	0.2	0.2	0.1798				
Sample absorbance is greater than that of the highest standard.							

=====
 Element: Hg Seq. No.: 98 AS Loc.: 68 Date: 08/08/2005 ✓
 Sample ID: ~~18878-002~~
~~18778-008~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.500	0.500	0.0051	0.0174	0.0058	01:15:38	No
2	0.496	0.496	0.0050	0.0178	0.0058	01:16:13	No
Mean:	0.498	0.498	0.0051				
SD :	0.0026	0.0026	0.0000				
%RSD:	0.5	0.5	0.3544				

=====
 Element: Hg Seq. No.: 99 AS Loc.: 69 Date: 08/08/2005 ✓
 Sample ID: ~~18878-003~~
~~18778-008~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
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001010

#	µg/L	µg/L	Signal	Area	Height		Stored
1	-0.208	-0.208	0.0003	0.0027	0.0010	01:17:13	No
2	-0.213	-0.213	0.0002	0.0019	0.0010	01:17:48	No
Mean:	-0.210	-0.210	0.0002				
SD :	0.0034	0.0034	0.0000				
%RSD:	1.6	1.6	9.8012				

=====
 Element: Hg Seq. No.: 100 AS Loc.: 8 Date: 08/08/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.44	10.44	0.0726	0.2299	0.0734	01:18:49	No
2	10.50	10.50	0.0730	0.2310	0.0738	01:19:24	No
Mean:	10.47	10.47	0.0728				
SD :	0.0388	0.0388	0.0003				
%RSD:	0.4	0.4	0.3618				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 101 AS Loc.: 1 Date: 08/08/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.261	-0.261	-0.0001	0.0017	0.0006	01:20:27	No
2	-0.265	-0.265	-0.0001	0.0007	0.0006	01:21:02	No
Mean:	-0.263	-0.263	-0.0001				
SD :	0.0035	0.0035	0.0000				
%RSD:	1.3	1.3	19.5841				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 102 AS Loc.: 70 Date: 08/08/2005
 Sample ID: ~~10079-004~~
~~18228~~ *msls*

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.252	0.252	0.0034	0.0106	0.0041	01:22:07	No
2	0.285	0.285	0.0036	0.0141	0.0043	01:22:42	No
Mean:	0.269	0.269	0.0035				
SD :	0.0235	0.0235	0.0002				
%RSD:	8.8	8.8	4.5753				

=====
 Element: Hg Seq. No.: 103 AS Loc.: 71 Date: 08/08/2005
 Sample ID: ~~10079-005~~
~~18228~~ *msls*

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.160	0.160	0.0028	0.0113	0.0035	01:23:46	No
2	0.159	0.159	0.0027	0.0110	0.0035	01:24:21	No
Mean:	0.160	0.160	0.0028				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.4	0.4	0.1773				

=====
 Element: Hg Seq. No.: 104 AS Loc.: 72 Date: 08/08/2005
 Sample ID: ~~10079-006~~
~~18228~~ *msls*

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.447	1.447	0.0115	0.0402	0.0122	01:25:21	No
2	1.437	1.437	0.0114	0.0387	0.0122	01:25:56	No
Mean:	1.442	1.442	0.0115				
SD :	0.0071	0.0071	0.0000				
%RSD:	0.5	0.5	0.4187				

001011

=====
Element: Hg Seq. No.: 105 AS Loc.: 73 Date: 08/08/2005
Sample ID: ~~18878-007~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.875	8.875	0.0620	0.1988	0.0627	01:26:56	No
2	8.908	8.908	0.0622	0.1992	0.0630	01:27:31	No
Mean:	8.892	8.892	0.0621				
SD :	0.0236	0.0236	0.0002				
%RSD:	0.3	0.3	0.2579				

=====
Element: Hg Seq. No.: 106 AS Loc.: 74 Date: 08/08/2005
Sample ID: ~~18878-009~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.224	-0.224	0.0001	0.0019	0.0009	01:28:31	No
2	-0.203	-0.203	0.0003	0.0044	0.0010	01:29:06	No
Mean:	-0.213	-0.213	0.0002				
SD :	0.0153	0.0153	0.0001				
%RSD:	7.2	7.2	48.1666				

=====
Element: Hg Seq. No.: 107 AS Loc.: 75 Date: 08/08/2005
Sample ID: ~~18878-010~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0015	0.0073	0.0022	01:30:06	No
2	-0.042	-0.042	0.0014	0.0074	0.0021	01:30:41	No
Mean:	-0.037	-0.037	0.0014				
SD :	0.0075	0.0075	0.0001				
%RSD:	20.4	20.4	3.5791				

=====
Element: Hg Seq. No.: 108 AS Loc.: 76 Date: 08/08/2005
Sample ID: ~~18878-011~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.161	-0.161	0.0006	0.0050	0.0013	01:31:41	No
2	-0.149	-0.149	0.0007	0.0061	0.0014	01:32:16	No
Mean:	-0.155	-0.155	0.0006				
SD :	0.0081	0.0081	0.0001				
%RSD:	5.2	5.2	9.0327				

=====
Element: Hg Seq. No.: 109 AS Loc.: 77 Date: 08/08/2005
Sample ID: ~~18878-012~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.135	-0.135	0.0007	0.0038	0.0015	01:33:16	No
2	-0.128	-0.128	0.0008	0.0044	0.0015	01:33:51	No
Mean:	-0.132	-0.132	0.0008				
SD :	0.0054	0.0054	0.0000				
%RSD:	4.1	4.1	4.7496				

=====
Element: Hg Seq. No.: 110 AS Loc.: 78 Date: 08/08/2005
Sample ID: ~~18878-013~~
18778 m.c.k.

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.070	-0.070	0.0012	0.0072	0.0019	01:34:51	No
2	-0.078	-0.078	0.0011	0.0074	0.0019	01:35:26	No
Mean:	-0.074	-0.074	0.0012				
SD :	0.0056	0.0056	0.0000				

%RSD: 7.6 7.6 3.2693

Element: Hg Seq. No.: 111 AS Loc.: 79 Date: 08/08/2005
 Sample ID: ~~18878-014~~
~~18778-20-ckbz~~

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.080	2.080	0.0158	0.0523	0.0165	01:36:26	No
2	2.085	2.085	0.0158	0.0519	0.0166	01:37:01	No
Mean:	2.082	2.082	0.0158				
SD :	0.0036	0.0036	0.0000				
%RSD:	0.2	0.2	0.1556				

Element: Hg Seq. No.: 112 AS Loc.: 8 Date: 08/08/2005
 Sample ID: CCV

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.31	10.31	0.0717	0.2281	0.0725	01:38:04	No
2	10.34	10.34	0.0720	0.2310	0.0727	01:38:39	No
Mean:	10.32	10.32	0.0718				
SD :	0.0261	0.0261	0.0002				
%RSD:	0.3	0.3	0.2466				

QC value within specified limits.

Element: Hg Seq. No.: 113 AS Loc.: 1 Date: 08/08/2005
 Sample ID: CCB

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.251	-0.251	0.0000	0.0021	0.0007	01:39:42	No
2	-0.259	-0.259	-0.0001	0.0015	0.0006	01:40:17	No
Mean:	-0.255	-0.255	-0.0001				
SD :	0.0060	0.0060	0.0000				
%RSD:	2.3	2.3	60.8301				

QC value within specified limits.

Element: Hg Seq. No.: 114 AS Loc.: 80 Date: 08/08/2005
 Sample ID: ~~18878-015~~
~~18778-20-ck~~

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.197	-0.197	0.0003	0.0024	0.0011	01:41:21	No
2	-0.183	-0.183	0.0004	0.0041	0.0012	01:41:56	No
Mean:	-0.190	-0.190	0.0004				
SD :	0.0102	0.0102	0.0001				
%RSD:	5.4	5.4	18.4331				

Element: Hg Seq. No.: 115 AS Loc.: 81 Date: 08/08/2005
 Sample ID: ~~18878-016~~
~~18778-20-ck~~

Repl #	Sample Conc µg/L	Std Conc µg/L	Blk Corr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.293	0.293	0.0037	0.0139	0.0044	01:42:56	No
2	0.292	0.292	0.0037	0.0130	0.0044	01:43:31	No
Mean:	0.293	0.293	0.0037				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.2	0.2	0.1072				

Element: Hg Seq. No.: 116 AS Loc.: 82 Date: 08/08/2005
 Sample ID: ~~18878-017~~
~~18778-20-ck~~

001612

8/24/05
601613

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.022	0.022	0.0018	0.0089	0.0026	01:44:31	No
2	0.017	0.017	0.0018	0.0081	0.0025	01:45:06	No
Mean:	0.020	0.020	0.0018				
SD :	0.0038	0.0038	0.0000				
%RSD:	19.1	19.1	1.4239				

=====
 Element: Hg Seq. No.: 117 AS Loc.: 83 Date: 08/08/2005
 Sample ID: ~~18978-018~~
~~18778 - r/c~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.157	-0.157	0.0006	0.0032	0.0013	01:46:06	No
2	-0.167	-0.167	0.0005	0.0026	0.0013	01:46:41	No
Mean:	-0.162	-0.162	0.0006				
SD :	0.0073	0.0073	0.0000				
%RSD:	4.5	4.5	8.7159				

=====
 Element: Hg Seq. No.: 118 AS Loc.: 84 Date: 08/08/2005
 Sample ID: ~~18978-019~~
~~18778 - r/c~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.239	6.239	0.0441	0.1418	0.0448	01:47:41	No
2	6.211	6.211	0.0439	0.1402	0.0446	01:48:16	No
Mean:	6.225	6.225	0.0440				
SD :	0.0199	0.0199	0.0001				
%RSD:	0.3	0.3	0.3073				

=====
 Element: Hg Seq. No.: 119 AS Loc.: 85 Date: 08/08/2005
 Sample ID: ~~18978-020~~
~~18778 - r/c~~

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.166	0.166	0.0028	0.0113	0.0035	01:49:16	No
2	0.178	0.178	0.0029	0.0121	0.0036	01:49:51	No
Mean:	0.172	0.172	0.0028				
SD :	0.0081	0.0081	0.0001				
%RSD:	4.7	4.7	1.9491				

=====
 Element: Hg Seq. No.: 120 AS Loc.: 8 Date: 08/08/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.34	10.34	0.0719	0.2278	0.0727	01:50:53	No
2	10.42	10.42	0.0725	0.2303	0.0732	01:51:28	No
Mean:	10.38	10.38	0.0722				
SD :	0.0572	0.0572	0.0004				
%RSD:	0.6	0.6	0.5387				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 121 AS Loc.: 1 Date: 08/08/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.223	-0.223	0.0002	0.0056	0.0009	01:52:31	No
2	-0.256	-0.256	-0.0001	0.0011	0.0007	01:53:06	No
Mean:	-0.240	-0.240	0.0000				
SD :	0.0235	0.0235	0.0002				
%RSD:	9.8	9.8	424.6060				

001614

QC value within specified limits.

001010

1st R/L Analysis *[Signature]* 8/8/05 V-5574
Method Name: HgCV1 SOIL
Method Description: HgCV1 SOIL
Element: Hg
Shirahad R 8/9/05

Date: 08/08/2005
Technique: FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6243S.SIF

Results Data Set Name: H6206SB

=====
Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 08/08/2005
Sample ID: Calib Blank
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0007	0.0015	0.0007	02:51:49	No
2			0.0008	0.0046	0.0008	02:52:24	No
Mean:			0.0007				
SD :			0.0001				
%RSD:			11.2862				

Auto-zero performed.

=====
Element: Hg Seq. No.: 22 AS Loc.: 2 Date: 08/08/2005
Sample ID: 0.5 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0046	0.0164	0.0053	02:53:25	No
2			0.0046	0.0169	0.0053	02:54:00	No
Mean:			0.0046				
SD :			0.0000				
%RSD:			0.2717				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00920
Intercept : 0.00000

=====
Element: Hg Seq. No.: 23 AS Loc.: 3 Date: 08/08/2005
Sample ID: 1.0 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0090	0.0294	0.0098	02:55:01	No
2			0.0091	0.0316	0.0099	02:55:36	No
Mean:			0.0091				
SD :			0.0001				
%RSD:			0.9526				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99997 Slope: 0.00908
Intercept : 0.00002

=====
Element: Hg Seq. No.: 24 AS Loc.: 4 Date: 08/08/2005
Sample ID: 2.0 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0167	0.0532	0.0175	02:56:37	No
2			0.0169	0.0565	0.0176	02:57:12	No
Mean:			0.0168				
SD :			0.0001				
%RSD:			0.5502				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99896 Slope: 0.00838

001616

Intercept : 0.00029

=====
 Element: Hg Seq. No.: 25 AS Loc.: 5 Date: 08/08/2005
 Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0408	0.1309	0.0416	02:58:13	No
2			0.0413	0.1347	0.0421	02:58:48	No

Mean: 0.0411
 SD : 0.0004
 %RSD: 0.8942
 [Hg] Standard number 4 applied. [5.000]
 Correlation Coefficient: 0.99978 Slope: 0.00815
 Intercept : 0.00046

=====
 Element: Hg Seq. No.: 26 AS Loc.: 6 Date: 08/08/2005
 Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0792	0.2542	0.0800	02:59:49	No
2			0.0796	0.2580	0.0803	03:00:24	No

Mean: 0.0794
 SD : 0.0002
 %RSD: 0.2838
 [Hg] Standard number 5 applied. [10.00]
 Correlation Coefficient: 0.99982 Slope: 0.00791
 Intercept : 0.00078

=====
 Element: Hg Seq. No.: 27 AS Loc.: 7 Date: 08/08/2005
 Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1874	0.6034	0.1881	03:01:25	No
2			0.1867	0.6044	0.1874	03:02:00	No

Mean: 0.1870
 SD : 0.0005
 %RSD: 0.2583
 [Hg] Standard number 6 applied. [25.00]
 Correlation Coefficient: 0.99966 Slope: 0.00746
 Intercept : 0.00190

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0007	---	---	---	---
0.5 PPB	0.0046	0.500	0.362	0.0000	0.3
1.0 PPB	0.0091	1.000	0.962	0.0001	1.0
2.0 PPB	0.0168	2.000	1.998	0.0001	0.6
5.0 PPB	0.0411	5.000	5.249	0.0004	0.9
10.0 PPB	0.0794	10.000	10.38	0.0002	0.3
25.0 PPB	0.1870	25.000	24.80	0.0005	0.3

Correlation Coefficient: 0.99966 Slope: 0.00746 Intercept: 0.0019

=====
 Element: Hg Seq. No.: 28 AS Loc.: 9 Date: 08/08/2005
 Sample ID: ICV 1183 (2)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
--------	-----------------	---------------	-----------------	-----------	-------------	------	-------------

001017

```

1      19.63    19.63    0.1484    0.4808    0.1491    03:03:03    No
2      19.61    19.61    0.1483    0.4792    0.1490    03:03:38    No
Mean:  19.62    19.62    0.1483
SD :    0.0134    0.0134    0.0001
%RSD:
QC value within specified limits.
    
```

```

=====
Element: Hg      Seq. No.: 29      AS Loc.: 1      Date: 08/08/2005
Sample ID: ICB
    
```

```

Repl  SampleConc  StndConc  BlnkCorr  Peak      Peak      Time      Peak
#      ug/L        ug/L      Signal    Area      Height    Height    Stored
1      -0.267       -0.267   -0.0001   0.0005   0.0006   03:04:39   No
2      -0.258       -0.258   0.0000    0.0022   0.0007   03:05:14   No
Mean:  -0.263       -0.263   -0.0001
SD :    0.0067       0.0067   0.0000
%RSD:    2.5         2.5     79.3762
QC value within specified limits.
    
```

```

=====
Element: Hg      Seq. No.: 30      AS Loc.: 67     Date: 08/08/2005
Sample ID: 18878-001 10D
           18778-101 10D
    
```

```

Repl  SampleConc  StndConc  BlnkCorr  Peak      Peak      Time      Peak
#      ug/L        ug/L      Signal    Area      Height    Height    Stored
1      8.550        8.550    0.0657    0.2117   0.0665   03:06:18   No
2      8.968        8.968    0.0688    0.2233   0.0696   03:06:53   No
Mean:  8.759        8.759    0.0673
SD :    0.2957       0.2957   0.0022
%RSD:    3.4         3.4     3.2804
    
```

```

=====
Element: Hg      Seq. No.: 31      AS Loc.: 8      Date: 08/08/2005
Sample ID: CCV
    
```

```

Repl  SampleConc  StndConc  BlnkCorr  Peak      Peak      Time      Peak
#      ug/L        ug/L      Signal    Area      Height    Height    Stored
1      10.24        10.24    0.0783    0.2520   0.0791   03:07:55   No
2      10.24        10.24    0.0784    0.2535   0.0791   03:08:30   No
Mean:  10.24        10.24    0.0784
SD :    0.0016       0.0016   0.0000
%RSD:
QC value within specified limits.
    
```

```

=====
Element: Hg      Seq. No.: 32      AS Loc.: 1      Date: 08/08/2005
Sample ID: CCB
    
```

```

Repl  SampleConc  StndConc  BlnkCorr  Peak      Peak      Time      Peak
#      ug/L        ug/L      Signal    Area      Height    Height    Stored
1      -0.247       -0.247   0.0001    0.0033   0.0008   03:09:33   No
2      -0.252       -0.252   0.0000    0.0033   0.0008   03:10:08   No
Mean:  -0.249       -0.249   0.0000
SD :    0.0034       0.0034   0.0000
%RSD:    1.4         1.4     70.6422
QC value within specified limits.
    
```

Metal Data
Digestion Logbook Data

001019

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6206 Analyst: KS
 Matrix: Soil Prep Date: 8/4/05
 Reviewed By: msylor

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50 ml	50 ml	--	--	
LCS	.5g		--	--	
LCSD			--	--	
1. 18778-008					
DUP 18778-008			--	--	
MS 18778-008			--	--	
MSD 18778-008					
2. 18778-001					
3. 18778-002					
4. 18778-003					
5. 18778-004					
6. 18778-005					
7. 18778-006					
8. 18778-007					
9. 18778-009					
10. 18778-010					
11. 18778-011					
12. 18778-012					
13. 18778-013					
14. 18778-014					
15. 18778-015					
16. 18778-016					
17. 18778-017					
18. 18778-018					
19. 18778-019					
20. 18778-020					

Hot Plate Temperature: 950 C

Spike Volume & Lot #	Acid	Manufacturer	Lot #:	Acid	Manufacturer	Lot #:
.5 ml of 1237	HNO ₃	Baker	796	1:1 HNO ₃	Baker	v- 4503
.5 ml of 1238	HCl	Baker	1142	1:1 HCl	Baker	v-
.5g of 704	H ₂ O ₂	Baker	1141			

Relinquished By: Koude R. Sun Date: 8/4/05
 Received By: Shu m Date: 8/4/05

00000

ICP SAMPLE PREPARATION LOG

Hampton-Clarke/Veritech

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6207
 Matrix: SOIL

Analyst: JS
 Prep Date: 7/29/05
 Reviewed By: M 7/29/05

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50ml	50ml	--	--	
LCS	5g		--	--	
LCSD			--	--	
1. 18802-005					
DUP 18802-005					
MS 18802-005					
MSD 18802-005					
2. 18802-006					
3. 18778-021					
4. 18778-022					
5. 18778-023					
6. 18778-024					
7. 18777-001					
8. 18310-001					
9. 18310-002					
10. 18310-003	50ml				
11. 18302-001	1.5g				
12. 18302-002					
13. 18302-003					
14. 18302-004					
15. 18776-001					
16. MB FB	50ml				
17. LCSW					
18.					
19.					
20.					

Hot Plate Temperature: 95° C

Spike Volume & Lot #	Acid	Manufacturer	Lot #:	Acid	Manufacturer	Lot #:
5ml 1237	HNO ₃	Baker	796	1:1 HNO ₃	Baker	v- 4503
5ml 1238	HCl	Baker	1142	1:1 HCl	Baker	v-
5g 204	H ₂ O ₂	Baker	1141			

Relinquished By: [Signature] Date: 7/29/05
 Received By: [Signature] Date: 7/29/05

6207

001021

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6206
 Matrix: Soil

Analyst: KS
 Prep Date: 8/4/05
 Review By: B 8/8/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25 ml	25 ml	
LCS	.15g		
LCSD			
1. 18778-008			
DUP 18778-008			
MS 18778-008			
MSD 18778-008			
2. 18778-001			
3. 18778-002			
4. 18778-003			
5. 18778-004			
6. 18778-005			
7. 18778-006			
8. 18778-007			
9. 18778-009			
10. 18778-010			
11. 18778-011			
12. 18778-012			
13. 18778-013			
14. 18778-014			
15. 18778-015			
16. 18778-016			
17. 18778-017			
18. 18778-018			
19. 18778-019			
20. 18778-020			
KmnO ₄ : U-2627			Block Temp.: 95° C
K ₂ S ₂ O ₈ :			Time In Block: 1130
NH ₂ OH: U-4514			Time Out of Block: 1200

Spike Volume & Lot #

LCS 704 *2.5g/0.15g* 0.15g

MS V-5572 5390 0.250 ml

Standard/Control Batch B-573 50.1 *8/4/05*

Acid	Manufacturer	Lot #:
HNO ₃	Baker	796
HCl	Baker	1142
H ₂ SO ₄	Baker	

Relinquished By: *[Signature]* 8/4/05
 Received By: *[Signature]* 8/4/05

00 045

HG SAMPLE PREPARATION LOG

001622

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6287
 Matrix: Soil

Analyst: JB
 Prep Date: 7/29/05
 Review By: ms 7/29/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25.1	25.1	
LCS	15.9		
LCS D			
1. 18302-005			
DUP 18302-005			
MS 18302-005			
MSD 18302-005			
2. 18802-006			
3. 18778-021			
4. 18778-022			
5. 18778-023			
6. 18778-024			
7. 18777-001			
8. 18810-001			
9. 18810-002			
10. 18810-003	25.1		
11. 18302-001	15.9		
12. 18302-002			
13. 18302-003			
14. 18302-004			
15. 18776-001			
16. mb FB	25.1		
17. LCS			
18.			
19.			
20.			
KmnO ₄ : V-26.27			Block Temp.: 95° C
K ₂ S ₂ O ₈ :			Time In Block: 1000
NH ₂ OH: V-4514			Time Out of Block: 1030

Spike Volume & Lot #
 LCS 704 0.15g
 MS V-5216 0.250 ml
 Standard/Control Batch B-548

Acid	Manufacturer	Lot #:
HNO ₃	Baker	796
HCl	Baker	1142
H ₂ SO ₄	Baker	

Relinquished By: [Signature] 7/29/05
 Received By: [Signature] 7/29/05

Wet Chemistry Data

001024

Veritech Wet Chem Form 1 Summary

Lab #: AC18778-001

Lab #: AC18778-001

Sample Matrix: Soil/Encore

Sample ID: PCSB-26(0.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 88 Percen 1 7/28/2005

Lab #: AC18778-002

Sample Matrix: Soil/Encore

Sample ID: PCSB-26(6.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 69 Percen 1 7/28/2005

Lab #: AC18778-003

Sample Matrix: Soil/Encore

Sample ID: PCSB-26(8.0')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 70 Percen 1 7/28/2005

Lab #: AC18778-004

Sample Matrix: Soil/Encore

Sample ID: PCSB-27(0.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 86 Percen 1 7/28/2005

Lab #: AC18778-005

Sample Matrix: Soil/Encore

Sample ID: PCSB-27(1.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 88 Percen 1 7/28/2005

Lab #: AC18778-006

Sample Matrix: Soil/Encore

Sample ID: PCSB-27(10.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 60 Percen 1 7/28/2005

Lab #: AC18778-007

Sample Matrix: Soil/Encore

Sample ID: PCSB-28(0.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G Date Prepared:
Analyte Concentration Units MDL/PQL DF Date Analyzed
% Solids 84 Percen 1 7/28/2005

Veritech Wet Chem Form 1 Summary

Lab #: AC18778-008

Lab #: AC18778-008

Sample Matrix: Soil/Encore

Sample ID: PCSB-28(2.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	93	Percen		1	7/28/2005

Lab #: AC18778-009

Sample Matrix: Soil/Encore

Sample ID: PCSB-28(15')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	53	Percen		1	7/28/2005

Lab #: AC18778-010

Sample Matrix: Soil/Encore

Sample ID: PCSB-29(0.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	90	Percen		1	7/28/2005

Lab #: AC18778-011

Sample Matrix: Soil/Encore

Sample ID: PCSB-29(2.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	93	Percen		1	7/28/2005

Lab #: AC18778-012

Sample Matrix: Soil/Encore

Sample ID: PCSB-29(11.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	68	Percen		1	7/28/2005

Lab #: AC18778-013

Sample Matrix: Soil/Encore

Sample ID: PCSB-30(0.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	89	Percen		1	7/28/2005

Lab #: AC18778-014

Sample Matrix: Soil/Encore

Sample ID: PCSB-30(2.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	66	Percen		1	7/28/2005

001020

Veritech Wet Chem Form 1 Summary

Lab #: AC18778-015

Lab #: AC18778-015

Sample Matrix: Soil/Encore

Sample ID: PCSB-30(15.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	52	Percen		1	7/28/2005

Lab #: AC18778-016

Sample Matrix: Soil/Encore

Sample ID: PCSB-34(0.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	83	Percen		1	7/28/2005

Lab #: AC18778-017

Sample Matrix: Soil/Encore

Sample ID: PCSB-34(5.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	68	Percen		1	7/28/2005

Lab #: AC18778-018

Sample Matrix: Soil/Encore

Sample ID: PCSB-34(16.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	63	Percen		1	7/28/2005

Lab #: AC18778-019

Sample Matrix: Soil/Encore

Sample ID: PCSB-36(0.5')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	86	Percen		1	7/28/2005

Lab #: AC18778-020

Sample Matrix: Soil/Encore

Sample ID: PCSB-36(4.0')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	83	Percen		1	7/28/2005

Lab #: AC18778-021

Sample Matrix: Soil/Encore

Sample ID: PCSB-36(16')

Date Received: 7/27/2005

Test Group Name:		% Solids SM2540G		Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	69	Percen		1	7/28/2005

001027

Veritech Wet Chem Form 1 Summary

Lab #: AC18778-022

Lab #: AC18778-022

Sample Matrix: Soil/Encore

Sample ID: PCSB-38(0.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G **Date Prepared:**

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	82	Percen		1	7/28/2005

Lab #: AC18778-023

Sample Matrix: Soil/Encore

Sample ID: PCSB-38(3.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G **Date Prepared:**

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	88	Percen		1	7/28/2005

Lab #: AC18778-024

Sample Matrix: Soil/Encore

Sample ID: PCSB-38(9.5')

Date Received: 7/27/2005

Test Group Name: % Solids SM2540G **Date Prepared:**

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	57	Percen		1	7/28/2005

Analysis Type: SOLIDS
 Batch Number: SOLIDS-3024
 Cal Curve Date:
 Units: Percent

001628

Calibration Curve Information

Qc Summary Results



Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC18774-026	NA	NA	20	91.37931	NA	0.34	

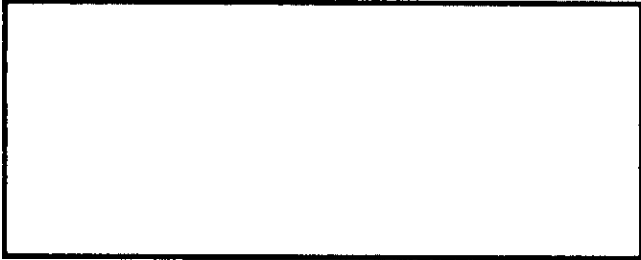
am #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
18774-026	DUP		91		100	91.379	1	12.6	11.6			07/28/05	DH
18774-026	Sample		91		100	91.071	1	12.2	11.2			07/28/05	DH
18774-027	Sample		88		100	87.719	1	12.4	11.0			07/28/05	DH
C18774-028	Sample		88		100	88.496	1	12.3	11.0			07/28/05	DH
C18774-030	Sample		90		100	90	1	12.0	10.9			07/28/05	DH
18774-031	Sample		89		100	89.286	1	12.2	11.0			07/28/05	DH
18774-033	Sample		88		100	87.5	1	12.2	10.8			07/28/05	DH
18774-034	Sample		87		100	87.069	1	12.6	11.1			07/28/05	DH
C18774-035	Sample		85		100	85.345	1	12.6	10.9			07/28/05	DH
C18774-036	Sample		86		100	86.325	1	12.7	11.1			07/28/05	DH
18774-037	Sample		81		100	81.356	1	12.8	10.6			07/28/05	DH
18774-038	Sample		83		100	83.333	1	12.4	10.5			07/28/05	DH
18778-020	Sample		83		100	83.478	1	12.5	10.6			07/28/05	DH
C18778-021	Sample		69		100	69.231	1	12.7	9.1			07/28/05	DH
C18778-022	Sample		82		100	81.982	1	12.1	10.1			07/28/05	DH
18778-023	Sample		88		100	88.235	1	12.9	11.5			07/28/05	DH
18779-001	Sample		86		100	85.841	1	12.3	10.7			07/28/05	DH
18779-002	Sample		76		100	75.652	1	12.5	9.7			07/28/05	DH
18779-003	Sample		86		100	86.087	1	12.5	10.9			07/28/05	DH

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
 Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: SOLIDS
 Batch Number: SOLIDS-3025
 Cal Curve Date:
 Units: Percent

001029

Calibration Curve Information



Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DIIP	AC18778-001	NA	NA	20	88.32478	NA	22	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18778-001	DUP		86		100	86.325	1	12.7	11.1			07/28/05	DH
AC18778-001	Sample		88		100	88.288	1	12.1	10.8			07/28/05	DH
AC18778-002	Sample		69		100	69.298	1	12.4	8.9			07/28/05	DH
AC18778-003	Sample		70		100	69.565	1	12.5	9.0			07/28/05	DH
AC18778-004	Sample		86		100	86.364	1	12.0	10.5			07/28/05	DH
AC18778-005	Sample		88		100	87.826	1	12.5	11.1			07/28/05	DH
AC18778-006	Sample		60		100	60.169	1	12.8	8.1			07/28/05	DH
AC18778-007	Sample		84		100	83.898	1	12.8	10.9			07/28/05	DH
AC18778-008	Sample		93		100	92.793	1	12.1	11.3			07/28/05	DH
AC18778-009	Sample		53		100	52.542	1	12.8	7.2			07/28/05	DH
AC18778-010	Sample		90		100	90.265	1	12.3	11.2			07/28/05	DH
AC18778-011	Sample		93		100	93.043	1	12.5	11.7			07/28/05	DH
AC18778-012	Sample		68		100	68.142	1	12.3	8.7			07/28/05	DH
AC18778-013	Sample		89		100	89.381	1	12.3	11.1			07/28/05	DH
AC18778-014	Sample		66		100	66.387	1	12.9	8.9			07/28/05	DH
AC18778-015	Sample		52		100	52.212	1	12.3	6.9			07/28/05	DH
AC18778-016	Sample		83		100	83.333	1	12.4	10.5			07/28/05	DH
AC18778-017	Sample		68		100	67.826	1	12.5	8.8			07/28/05	DH
AC18778-018	Sample		63		100	62.609	1	12.5	8.2			07/28/05	DH
AC18778-019	Sample		86		100	86.207	1	12.6	11.0			07/28/05	DH
AC18778-024	Sample		57		100	56.897	1	12.6	7.6			07/28/05	DH

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL)

Rp - RPD failed specified criteria.

Na - Not Applicable

Nc - Not Checked ..either one or both values =ND