

GC Pesticide Data

**GC Pesticide Data
QC Summary**

FORM2
Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3G08511.	SMB733B	Soil	1		81	78	76	74		
5G03478.	WMB2310	Aqueous	1		83	81	47	44		
5G03502.	AC18916-001	Soil	1		75	73	112	142		
5G03503.	AC18916-004	Soil	1		81	79	104	111		
5G03504.	AC18916-005	Soil	1		80	77	99	105		
3G08513.	AC18916-008	Soil	1		84	77	85	80		
3G08514.	AC18916-009(MS:AC	Soil	1		80	77	81	96		
3G08515.	AC18916-010(MSD:A	Soil	1		72	66	69	71		
5G03505.	AC18916-013	Soil	1		86	81	103	109		
5G03506.	AC18916-016	Soil	1		78	75	99	97		
5G03507.	AC18916-019	Soil	1		98	83	117	104		
3G08516.	AC18916-022	Soil	1		79	76	82	94		
5G03488.	AC18916-025	Aqueous	1		81	80	31	29		
3G08512.	SMB733B(MS)	Soil	1		79	77	82	78		
5G03479.	WMB2310(MS)	Aqueous	1		83	81	53	50		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8081

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	60-150
S2=TCMX-Surrogate	100	60-150
S3=DCB-Surrogate	100	20-150
S4=DCB-Surrogate	100	20-150

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	60-150
S2=TCMX-Surrogate	100	60-150
S3=DCB-Surrogate	100	20-150
S4=DCB-Surrogate	100	20-150

Data File:====>
Data/Batch/Sample ID:====>
Date/Time:====>

				5G03479.D												
				WMB2310(MS)												
				08/08/05 10:20												
Compound	Limit(s)			Conc			Conc			Conc			Conc			
	Soil	Aq	Col	Mr	Conc	Exp	%	Conc	Exp	%	Conc	Exp	%	Conc	Exp	%
Aldrin		40-120	1	0	102.5	100	102									
Dieldrin		52-126	1	0	117.2	100	117									
Endrin		56-121	1	0	117	100	117									
gamma-BHC		56-123	1	0	103.4	100	103									
Heptachlor		40-131	1	0	101.1	100	101									
p,p'-DDT		38-127	1	0	116.1	100	116									

FORM 3
Spike Recovery

1344

Batch Number: SMB733B

Mbs File: 3G08512.D

Mbs Name: SMB733B(MS)

Non Spk'd File: 3G08513.D

Ns Name: AC18916-008

Spike File: 3G08514.D

Ms Name: AC18916-009(MS)

Spike Dup File: 3G08515.D

Msd Name: AC18916-010(MSD)

Matrix: Soil

Method: 8081

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	88.57	0.00	91.04	84.37	89	91	84	7.6
Heptachlor	1	0	100	35	130	31	95.87	0.00	98.36	90.03	96	98	90	8.8
Aldrin	1	0	100	34	132	43	89.86	0.00	93.63	83.83	90	94	84	11
Dieldrin	1	0	100	31	134	38	91.54	0.00	100.01	77.70	92	100	78	25
Endrin	1	0	100	42	139	45	91.42	0.00	106.50	117.53	91	107	118	9.8
p,p'-DDT	1	0	100	23	134	50	91.83	0.00	93.74	82.21	92	94	82	13

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

FORM 4
Blank SummaryBlank Number: WMB2310
Blank Data File: 5G03478.D
Matrix: AqueousBlank Analysis Date: 08/08/05 10:01
Blank Extraction Date: 08/05/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18916-025	5G03488.D	08/08/05 13:09
WMB2310(MS)	5G03479.D	08/08/05 10:20

FORM 4
Blank SummaryBlank Number: SMB733B
Blank Data File: 3G08511.D
Matrix: SoilBlank Analysis Date: 08/10/05 07:19
Blank Extraction Date: 08/09/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18916-001	5G03502.D	08/10/05 08:28
AC18916-004	5G03503.D	08/10/05 08:47
AC18916-005	5G03504.D	08/10/05 09:05
AC18916-008	3G08513.D	08/10/05 07:52
AC18916-009(MS:	3G08514.D	08/10/05 08:08
AC18916-010(MSD	3G08515.D	08/10/05 08:25
AC18916-013	5G03505.D	08/10/05 09:24
AC18916-016	5G03506.D	08/10/05 09:43
AC18916-019	5G03507.D	08/10/05 10:02
AC18916-022	3G08516.D	08/10/05 08:41
SMB733B(MS)	3G08512.D	08/10/05 07:36

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G08327.	CAL EVAL	08/03/05 10:00	Soil					
3G08328.	CAL PEST@2PPB	08/03/05 10:16	Soil		0.0000	0	0.0000	0
3G08329.	CAL PEST@10PPB	08/03/05 10:33	Soil		10.0926	0.0129	10.6465	0
3G08330.	CAL PEST@50PPB	08/03/05 10:53	Soil	3G08334.	10.0943	0.0297	10.6471	0.0188
3G08331.	CAL PEST@100PPB	08/03/05 11:09	Soil	3G08334.	10.0924	0.0109	10.6463	0.0113
3G08332.	CAL PEST@200PPB	08/03/05 11:25	Soil	3G08334.	10.0899	0.0139	10.6449	0.0019
3G08333.	CAL PEST@400PPB	08/03/05 11:42	Soil	3G08334.	10.0907	0.0059	10.6455	0.0038
3G08334.	CAL PEST@2PPB	08/03/05 11:58	Soil	3G08334.	10.0913	0	10.6451	0
3G08335.	CAL CHI OR@100PPB	08/03/05 12:15	Soil	3G08334.	10.0917	0.004	10.6463	0.0113
3G08336.	CAL TOXAPH@500PPB	08/03/05 12:31	Soil	3G08334.	10.0910	0.003	10.6459	0.0075
3G08337.	test	08/03/05 12:48	Aqueous	3G08334.	10.0919	0.0059	10.6459	0.0075
3G08338.	2305(MS)	08/03/05 13:04	Aqueous	3G08334.	10.0908	0.005	10.6465	0.0132
3G08339.	18808-001(MS)(T)	08/03/05 13:21	Aqueous	3G08334.	10.0922	0.0089	10.6466	0.0141
3G08340.	18808-001(MSD)(T)	08/03/05 13:37	Aqueous	3G08334.	10.0905	0.0079	10.6459	0.0075
3G08341.	PEST SPK	08/03/05 13:53	Aqueous	3G08334.	0.0000	200*	10.6886	0.4078
3G08342.	WMB2305(MS)	08/03/05 14:27	Aqueous	3G08334.	10.0966	0.0525	10.6456	0.0047
3G08343.	AC18808-001(MS)(T)	08/03/05 14:43	Aqueous	3G08334.	10.0918	0.005	10.6442	0.0084
3G08344.	AC18808-001(MSD)(T)	08/03/05 14:59	Aqueous	3G08334.	10.0912	0.001	10.6461	0.0094
3G08345.	CAL PEST@100PPB	08/03/05 15:16	Aqueous	3G08334.	10.0912	0.001	10.6466	0.0141

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G03467	CAL EVAL	08/08/05 05:43	Soil					
5G03468	CAL PEST@50PPB	08/08/05 06:51	Soil		13.9037	0	14.3106	0
5G03469	CAL PEST@2PPB	08/08/05 07:12	Soil		13.8978	0	14.3100	0
5G03470	CAL PEST@10PPB	08/08/05 07:30	Soil	5G03469	13.8954	0.0173	14.3100	0
5G03471	CAL PEST@50PPB	08/08/05 07:49	Soil	5G03469	13.8940	0.0273	14.3082	0.0126
5G03472	CAL PEST@100PPB	08/08/05 08:08	Soil	5G03469	13.8944	0.0245	14.3091	0.0063
5G03473	CAL PEST@200PPB	08/08/05 08:27	Soil	5G03469	13.8950	0.0201	14.3085	0.0105
5G03474	CAL PEST@400PPB	08/08/05 08:46	Soil	5G03469	13.8940	0.0273	14.3096	0.0028
5G03475	CAL CHLOR@100PPB	08/08/05 09:05	Soil	5G03469	13.8940	0.0273	14.3083	0.0119
5G03476	CAL TOXAPH@500PPB	08/08/05 09:23	Soil	5G03469	13.8942	0.0259	14.3085	0.0105
5G03477	AC18907-005(T)	08/08/05 09:42	Aqueous	5G03469	13.8944	0.0245	14.3089	0.0077
5G03478	WMB2310	08/08/05 10:01	Aqueous	5G03469	13.8941	0.0266	14.3093	0.0049
5G03479	WMB2310(MS)	08/08/05 10:20	Aqueous	5G03469	13.8944	0.0245	14.3081	0.0133
5G03480	AC18737-027	08/08/05 10:39	Aqueous	5G03469	13.8925	0.0381	14.3068	0.0224
5G03481	AC18737-025	08/08/05 10:58	Aqueous	5G03469	13.8937	0.0295	14.3069	0.0217
5G03482	AC18737-022	08/08/05 11:16	Aqueous	5G03469	13.8930	0.0345	14.3082	0.0126
5G03483	AC18778-024(R)	08/08/05 11:35	Soil	5G03469	13.8932	0.0331	14.3073	0.0189
5G03484	AC18737-027(50X)	08/08/05 11:54	Aqueous	5G03469	13.8969	0.0065	14.3103	0.0021
5G03485	AC18737-025(10X)	08/08/05 12:13	Aqueous	5G03469	13.8943	0.0252	14.3084	0.0112
5G03486	AC18737-034(5X)	08/08/05 12:31	Soil	5G03469	13.8950	0.0201	14.3080	0.014
5G03487	AC18888-001	08/08/05 12:50	Aqueous	5G03469	13.8956	0.0158	14.3105	0.0035
5G03488	AC18916-025	08/08/05 13:09	Aqueous	5G03469	13.8951	0.0194	14.3086	0.0098
5G03489	AC18873-014	08/08/05 13:28	Aqueous	5G03469	13.8932	0.0331	14.3075	0.0175
5G03490	100PPB	08/08/05 13:47	Aqueous	5G03469	13.8946	0.023	14.3085	0.0105
5G03491	CAL PEST@100PPB	08/08/05 14:15	Aqueous	5G03469	13.8955	0.0166	14.3080	0.014

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G03492	CAL EVAL	08/10/05 05:05	Soil					
5G03493	CAL PEST@10PPB	08/10/05 05:23	Soil	5G03493	13.8999	0	14.3119	0
5G03494	WMB2312	08/10/05 05:57	Aqueous	5G03493	13.9030	0.0223	14.3127	0.0056
5G03495	WMB2312(MS)	08/10/05 06:16	Aqueous	5G03493	13.8967	0.023	14.3106	0.0091
5G03496	AC18991-002	08/10/05 06:35	Aqueous	5G03493	13.8944	0.0396	14.3090	0.0203
5G03497	AC18991-002(MS)	08/10/05 06:54	Aqueous	5G03493	13.8952	0.0338	14.3107	0.0084
5G03498	AC18991-002(MSD)	08/10/05 07:13	Aqueous	5G03493	13.8954	0.0324	14.3106	0.0091
5G03499	AC18991-001	08/10/05 07:31	Aqueous	5G03493	13.8969	0.0216	14.3111	0.0056
5G03500	AC18991-004	08/10/05 07:50	Aqueous	5G03493	13.8953	0.0331	14.3100	0.0133
5G03501	AC18940-005	08/10/05 08:09	Aqueous	5G03493	13.8929	0.0504	14.3073	0.0321
5G03502	AC18916-001	08/10/05 08:28	Soil	5G03493	13.8972	0.0194	14.3129	0.007
5G03503	AC18916-004	08/10/05 08:47	Soil	5G03493	13.8962	0.0266	14.3103	0.0112
5G03504	AC18916-005	08/10/05 09:05	Soil	5G03493	13.8959	0.0288	14.3111	0.0056
5G03505	AC18916-013	08/10/05 09:24	Soil	5G03493	13.8957	0.0302	14.3111	0.0056
5G03506	AC18916-016	08/10/05 09:43	Soil	5G03493	13.8953	0.0331	14.3095	0.0168
5G03507	AC18916-019	08/10/05 10:02	Soil	5G03493	13.8964	0.0252	14.3103	0.0112
5G03508	50PPB	08/10/05 10:49	Soil	5G03493	13.8971	0.0201	14.3112	0.0049
5G03509	50PPB	08/10/05 11:56	Soil	5G03493	13.8951	0.0345	14.3110	0.0063
5G03510	CAL PEST@50PPB	08/10/05 12:15	Soil	5G03493	13.8969	0.0216	14.3120	0.0007

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G08504.	CAL EVAL	08/10/05 05:14	Soil					
3G08505.	CALPEST@100PPB	08/10/05 05:31	Soil	3G08505.	10.0886	0	10.6462	0
3G08506.	SM8732B	08/10/05 05:58	Soil	3G08505.	10.0927	0.0406	10.6462	0
3G08507.	SM8732B(MS)	08/10/05 06:14	Soil	3G08505.	10.0879	0.0069	10.6468	0.0056
3G08508.	AC18825-004	08/10/05 06:30	Soil	3G08505.	10.0854	0.0317	10.6476	0.0131
3G08509.	AC18830-018	08/10/05 06:46	Soil	3G08505.	10.0868	0.0178	10.6467	0.0047
3G08510.	AC18830-021	08/10/05 07:03	Soil	3G08505.	10.0868	0.0178	10.6467	0.0047
3G08511.	SM8733R	08/10/05 07:19	Soil	3G08505.	10.0878	0.0079	10.6469	0.0066
3G08512.	SM8733R(MS)	08/10/05 07:36	Soil	3G08505.	10.0871	0.0149	10.6459	0.0028
3G08513.	AC18916-008	08/10/05 07:52	Soil	3G08505.	10.0861	0.0248	10.6460	0.0019
3G08514.	AC18916-009/MS:AC189	08/10/05 08:08	Soil	3G08505.	10.0882	0.004	10.6452	0.0094
3G08515.	AC18916-010/MSD:AC1	08/10/05 08:25	Soil	3G08505.	10.0853	0.0327	10.6452	0.0094
3G08516.	AC18916-022	08/10/05 08:41	Soil	3G08505.	10.0864	0.0218	10.6456	0.0056
3G08517.	AC18873-005	08/10/05 08:57	Soil	3G08505.	10.0909	0.0228	10.6482	0.0188
3G08518.	AC18873-008	08/10/05 09:14	Soil	3G08505.	10.0894	0.0079	10.6480	0.0169
3G08519.	AC18873-009	08/10/05 09:30	Soil	3G08505.	10.0898	0.0119	10.6467	0.0047
3G08520.	AC18873-015	08/10/05 09:47	Soil	3G08505.	10.0942	0.0555	10.6535	0.0685
3G08521.	AC18873-018	08/10/05 10:03	Soil	3G08505.	10.0945	0.0585	10.6537	0.0704
3G08522.	AC18888-002	08/10/05 10:19	Soil	3G08505.	10.0936	0.0495	10.6500	0.0357
3G08523.	AC18888-003	08/10/05 10:36	Soil	3G08505.	10.0930	0.0436	10.6530	0.0638
3G08524.	AC18888-004	08/10/05 10:52	Soil	3G08505.	10.0964	0.0773	10.6558	0.0901
3G08525.	AC18888-005	08/10/05 11:09	Soil	3G08505.	10.0947	0.0604	10.6545	0.0779
3G08526.	50PPB	08/10/05 11:49	Soil	3G08505.	10.0899	0.0129	10.6467	0.0047
3G08527.	CAL PEEST@50PPB	08/10/05 12:05	Soil	3G08505.	10.0895	0.0089	10.6466	0.0038

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

**GC Pesticide Data
Sample Data**

Form1
ORGANICS PESTICIDE REPORT

Sample Number: AC18916-001	Matrix: Soil
Client Id: PCSB-50 (0.5)	Initial Vol: 20g
Data File: 5G03502.D	Final Vol: 10ml
Analysis Date: 08/10/05 08:28	Dilution: 1
Date Rec/Extracted: 08/04/05-08/09/05	Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	0.024	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0053	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0053	U
1031-07-8	Endosulfan Sulfate	0.0053	U	50-29-3	p,p'-DDT	0.0053	0.078
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18196

Total Target Concentration 0.102

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.

1312

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03502.D\ECD1A.CH Vial: 11
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03502.D\ECD2B.CH
 Acq On : 8-10-05 8:28:16 Operator: JK
 Sample : AC18916-001 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 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 : 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	6.72	6.62	579.2E6	499.5E6	75.378	73.266
13) Dieldrin	10.77	10.55	133.0E6	237.2E6	26.674m	45.366m#
17) p,p'-DDT	11.62	11.44	512.9E6	598.9E6	130.382m	145.753m
22) DCB-Surrogate	13.90	14.31	771.8E6	882.6E6	112.047m	142.502 #

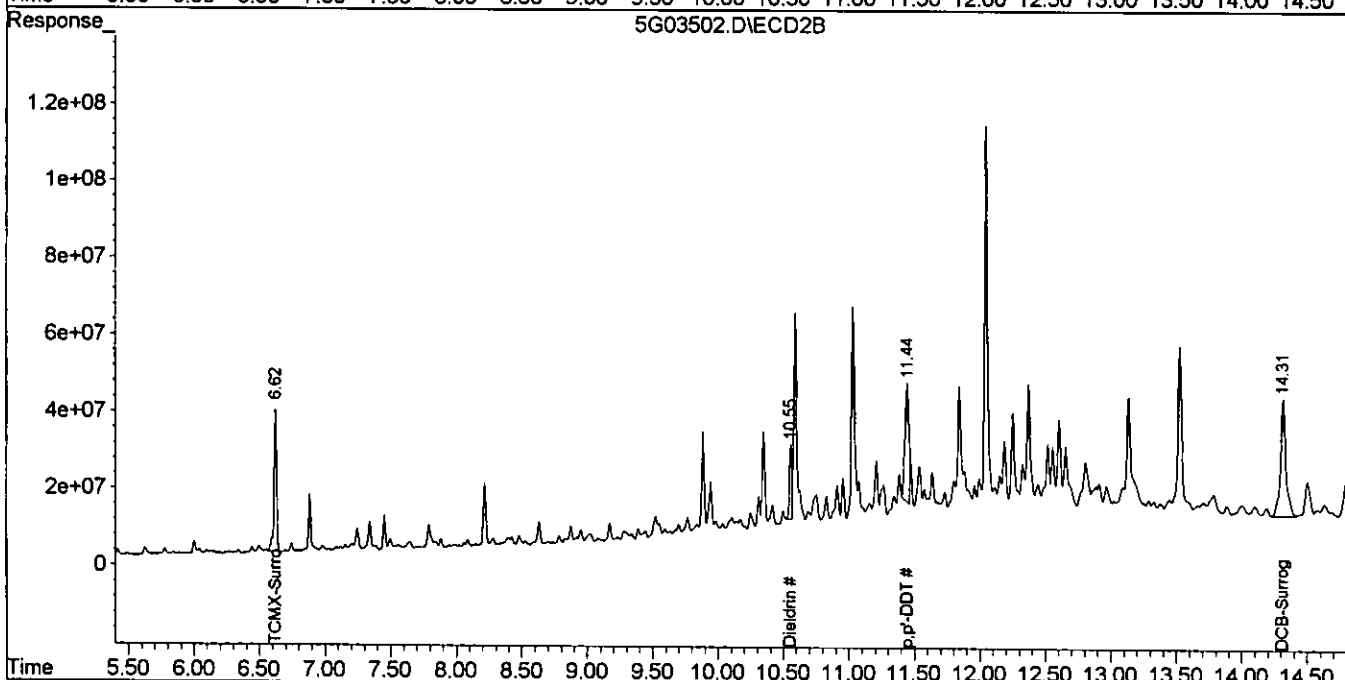
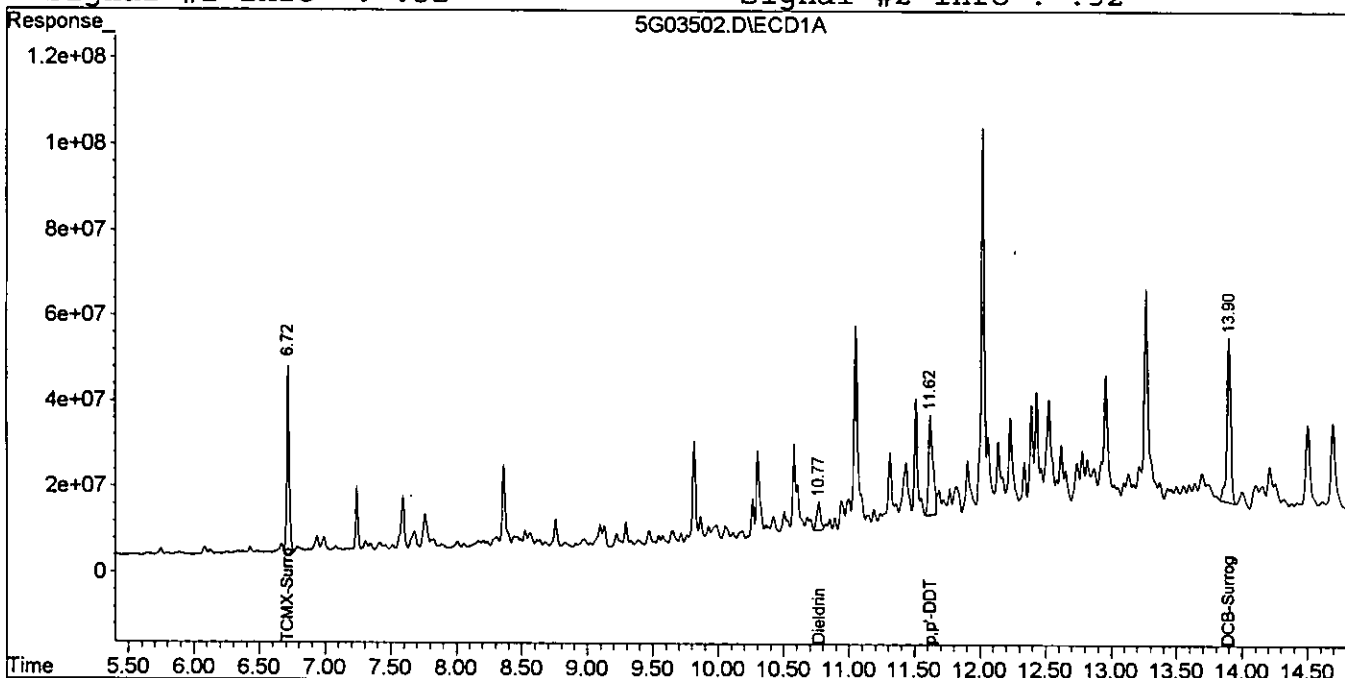
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03502.D\ECD1A.CH Vial: 11
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03502.D\ECD2B.CH
 Acq On : 8-10-05 8:28:16 Operator: JK
 Sample : AC18916-001 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 9:16 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-004

Client Id: PCSB-45 (0.5)

Data File: 5G03503.D

Analysis Date: 08/10/05 08:47

Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0053	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0053	U
1031-07-8	Endosulfan Sulfate	0.0053	U	60-29-3	p,p'-DDT	0.0053	0.039
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

Total Target Concentration 0.039

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.

1335

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03503.D\ECD1A.CH Vial: 12
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03503.D\ECD2B.CH
 Acq On : 8-10-05 8:47:09 Operator: JK
 Sample : AC18916-004 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 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 : 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	621.3E6	537.4E6	80.847m	78.817
17) p,p'-DDT	11.62	11.44	219.1E6	307.8E6	55.713m	74.901m#
22) DCB-Surrogate	13.90	14.31	714.3E6	690.3E6	103.693	111.452m

OP/12/0

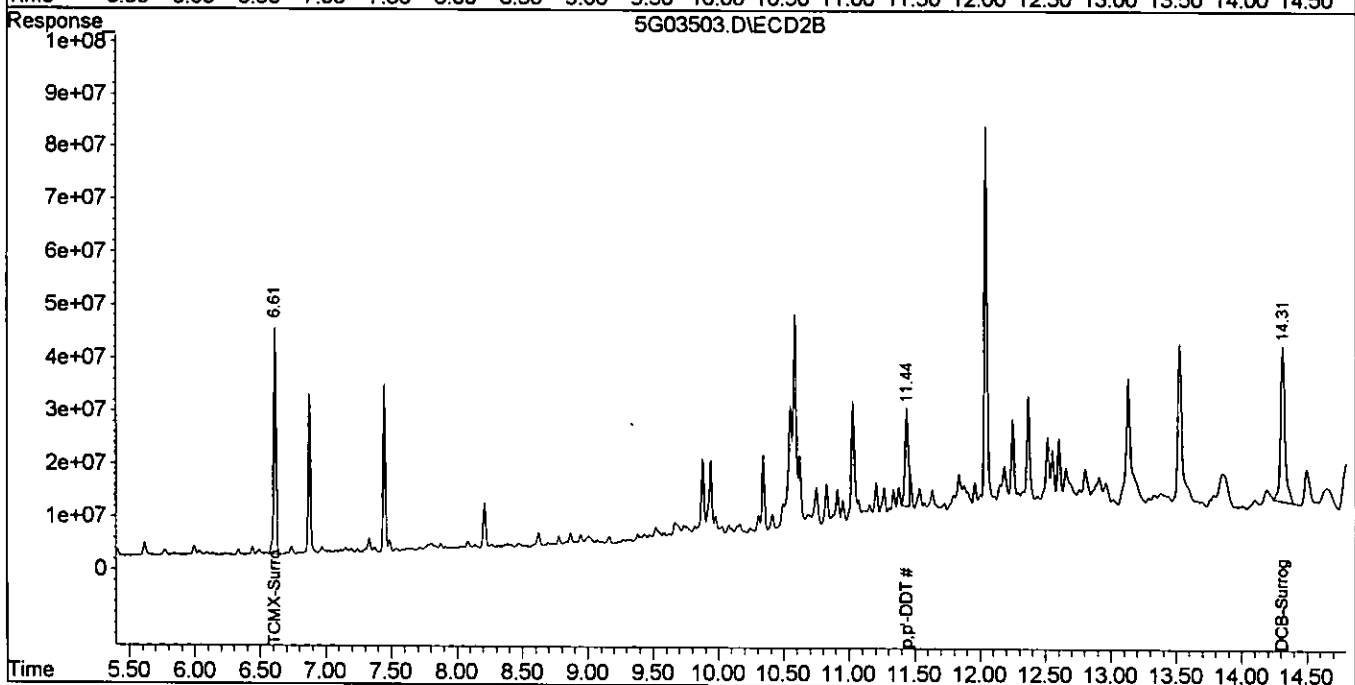
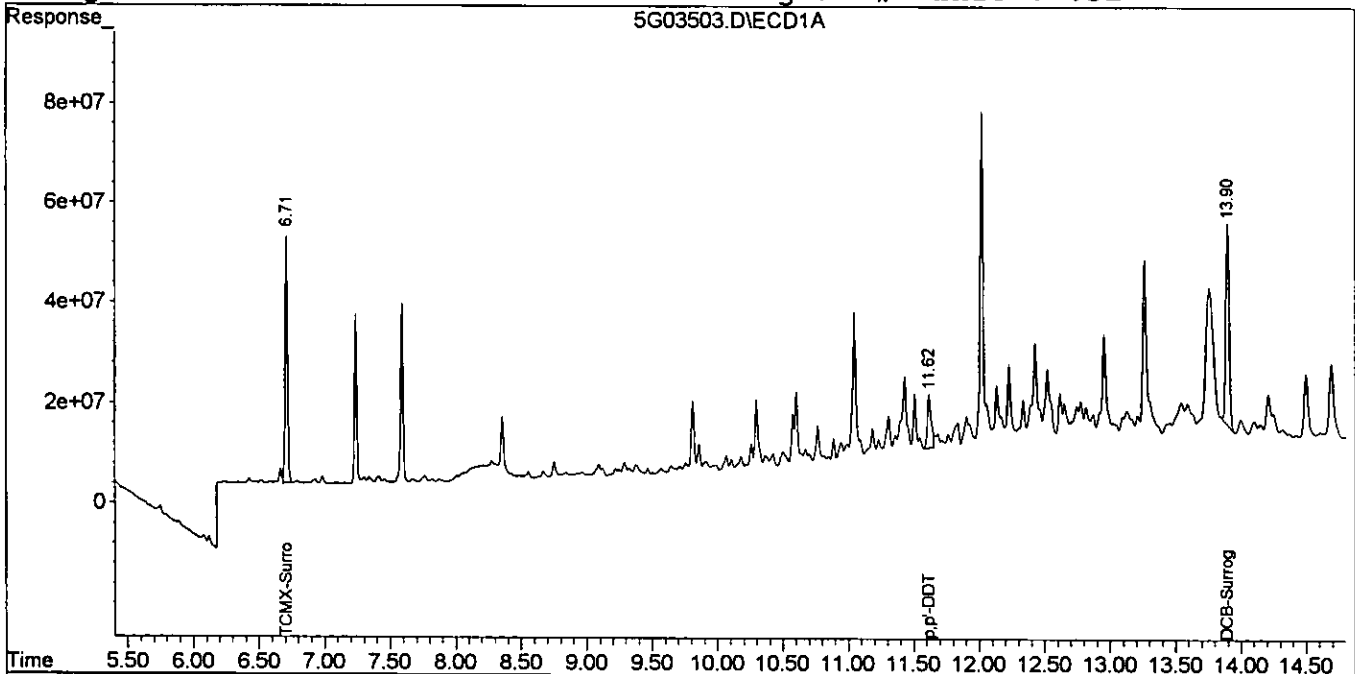
Quantitation Report

1357

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03503.D\ECD1A.CH Vial: 12
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03503.D\ECD2B.CH
 Acq On : 8-10-05 8:47:09 Operator: JK
 Sample : AC18916-004 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 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 : 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



Form1
ORGANICS PESTICIDE REPORT

Sample Number: AC18916-005	Matrix: Soil
Client Id: PCSB-245 (0.5)	Initial Vol: 20g
Data File: 5G03504.D	Final Vol: 10ml
Analysis Date: 08/10/05 09:05	Dilution: 1
Date Rec/Extracted: 08/04/05-08/09/05	Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0053	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0053	U
1031-07-8	Endosulfan Sulfate	0.0053	U	50-29-3	p,p'-DDT	0.0053	0.030
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18196

Total Target Concentration 0.03

*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\08-10-05\5G03504.D\ECD1A.CH Vial: 13
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03504.D\ECD2B.CH
 Acq On : 8-10-05 9:05:55 Operator: JK
 Sample : AC18916-005 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 9:25 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	615.9E6	527.6E6	80.152	77.387
17) p,p'-DDT	11.62	11.44	196.2E6	228.4E6	49.874	55.582m
22) DCB-Surrogate	13.90	14.31	680.0E6	652.6E6	98.725	105.362m

08/12/05

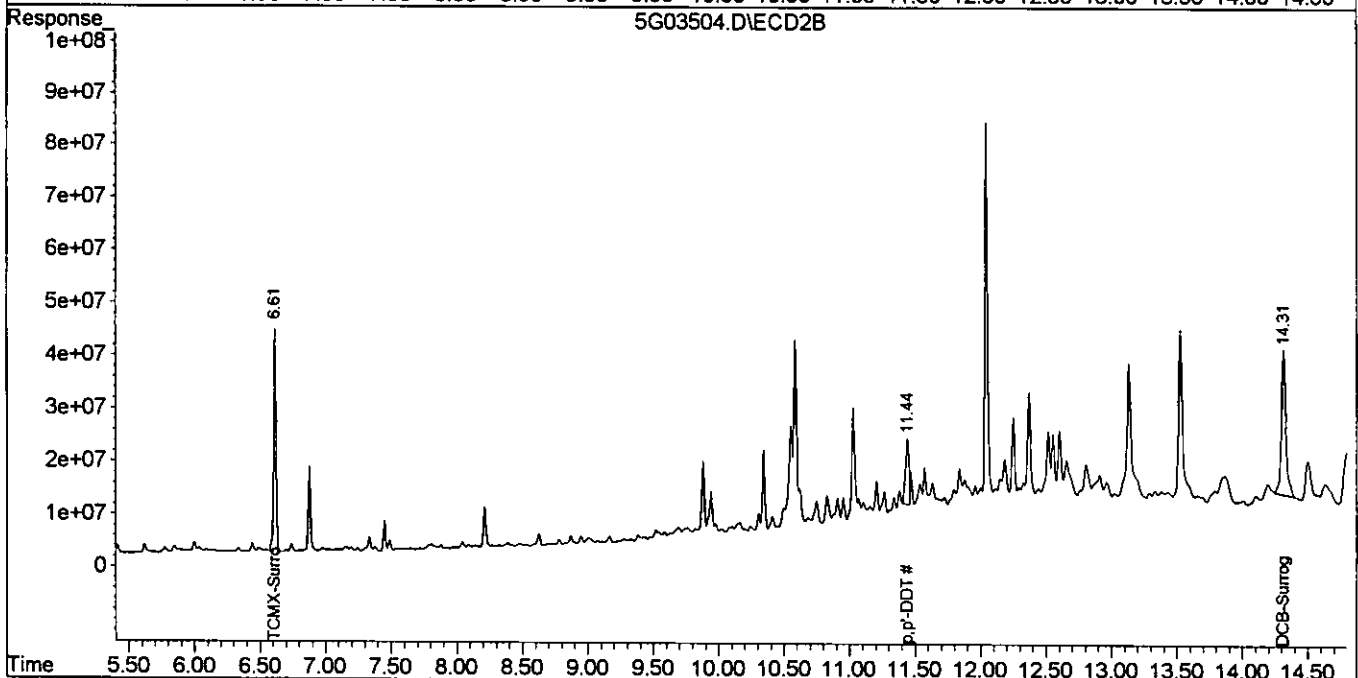
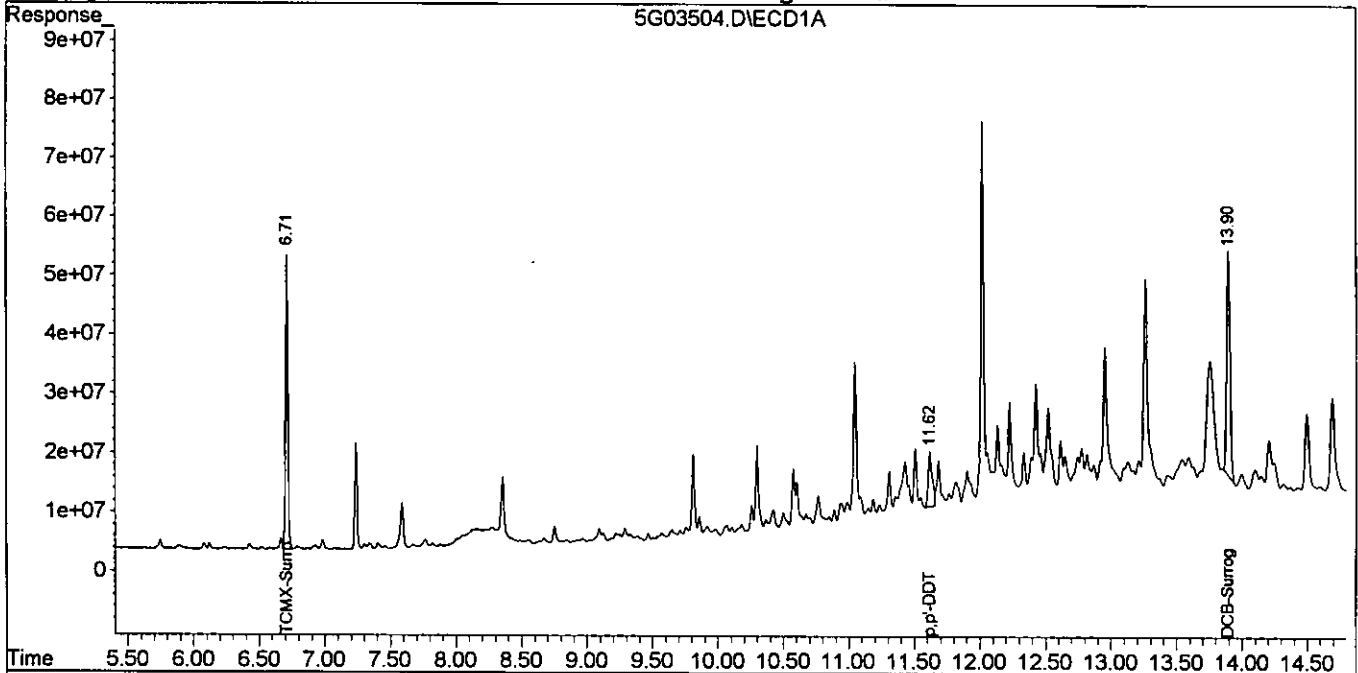
Quantitation Report

136

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03504.D\ECD1A.CH Vial: 13
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03504.D\ECD2B.CH
 Acq On : 8-10-05 9:05:55 Operator: JK
 Sample : AC18916-005 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 9:25 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 : 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-008

Matrix: Soil

Client Id: PCSB-48 (0.5)

Initial Vol: 20g

Data File: 3G08513.D

Final Vol: 10ml

Analysis Date: 08/10/05 07:52

Dilution: 1

Date Rec/Extracted: 08/04/05-08/09/05

Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0053	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0053	U
1031-07-8	Endosulfan Sulfate	0.0053	U	50-29-3	p,p'-DDT	0.0053	U
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

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.

1362

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08513.D\ECD1A.CH Vial: 10
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08513.D\ECD2B.CH
 Acq On : 10 Aug 2005 7:52 Operator: JK
 Sample : AC18916-008 Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:04 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	553611	1267067	84.033	77.141
22) DCB-Surrogate	10.09	10.65	703195	1971432	84.940m	80.033

08/12/05

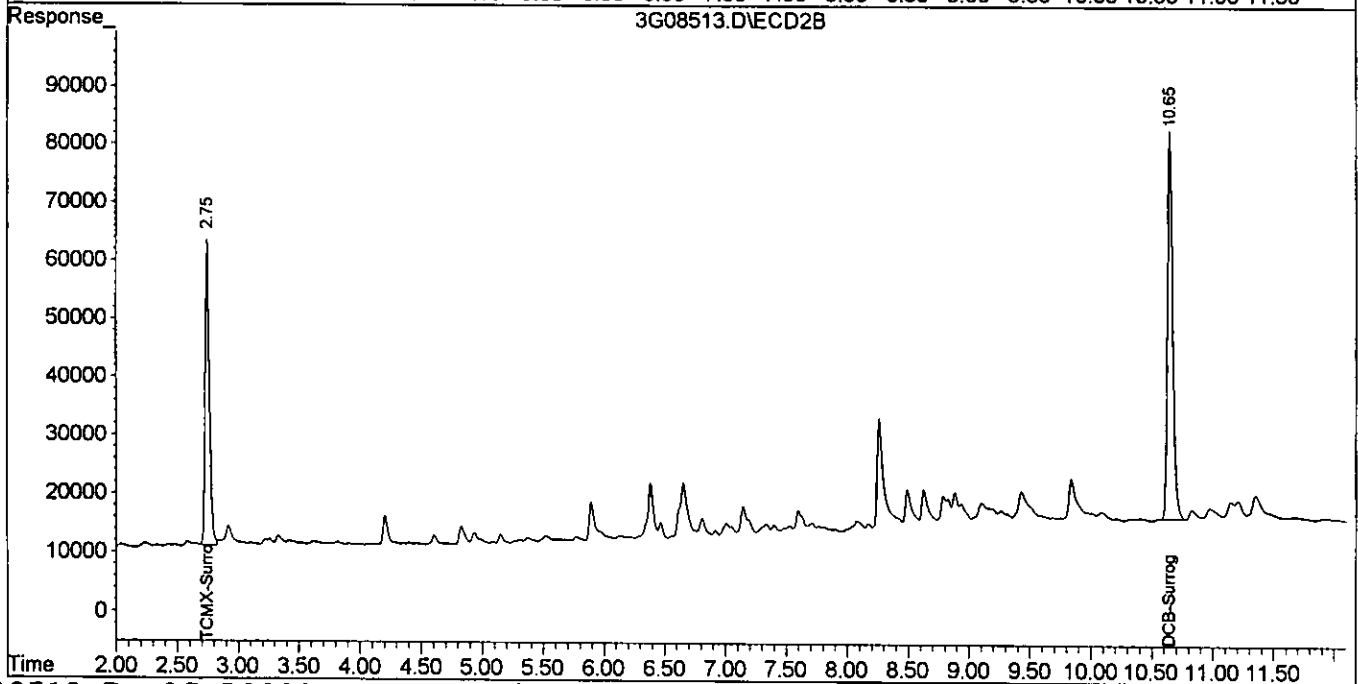
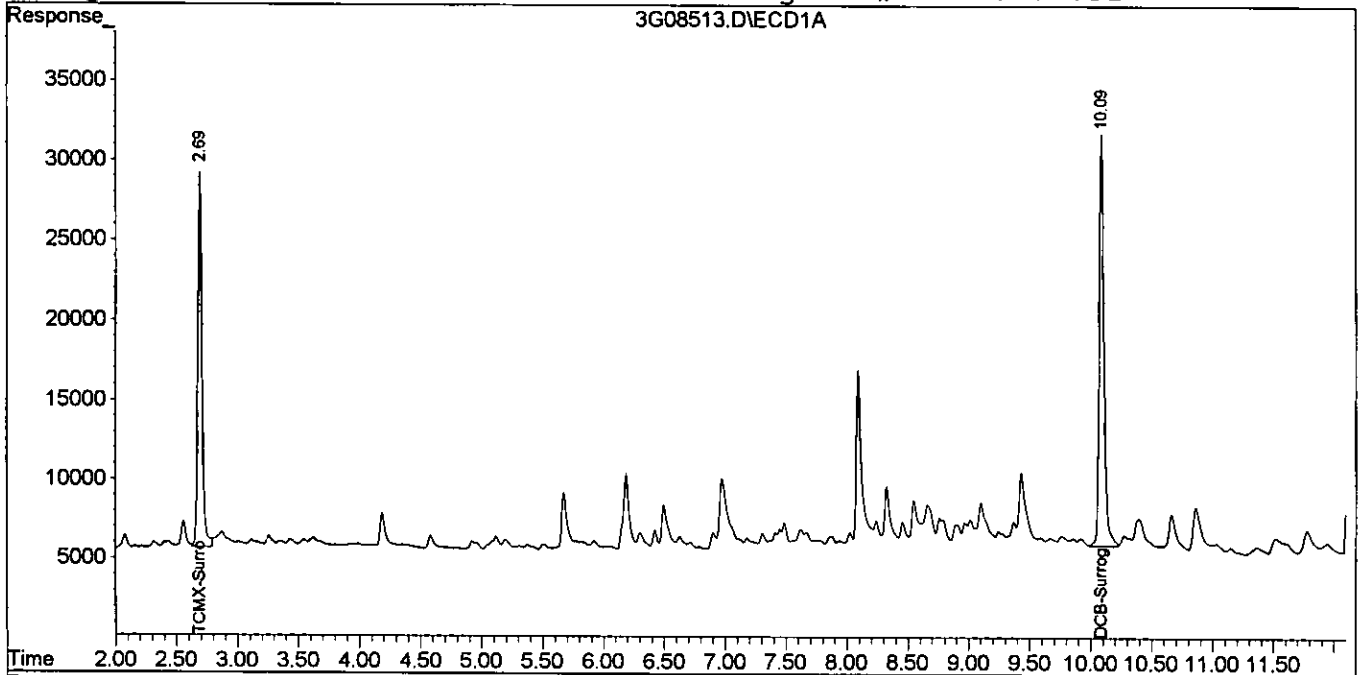
Quantitation Report

1353

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08513.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08513.D\ECD2B.CH
Acq On : 10 Aug 2005 7:52 Operator: JK
Sample : AC18916-008 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 8:04 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 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: AC18916-009(MS:AC1

Client Id: PCSB-48 (0.5)MS

Data File: 3G08514.D

Analysis Date: 08/10/05 08:08

Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	0.049	7421-93-4	Endrin Aldehyde	0.0053	0.044
319-84-6	alpha-BHC	0.0053	0.046	53494-70-5	Endrin Ketone	0.0053	0.051
319-85-7	beta-BHC	0.0053	0.050	58-89-9	gamma-BHC	0.0053	0.048
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	0.052
319-86-8	delta-BHC	0.0053	0.033	1024-57-3	Heptachlor Epoxide	0.0053	0.051
60-57-1	Dieldrin	0.0053	0.053	72-43-5	Methoxychlor	0.0053	0.044
959-98-8	Endosulfan I	0.0053	0.065	72-54-8	p,p'-DDD	0.0053	0.050
33213-65-9	Endosulfan II	0.0053	0.051	72-55-9	p,p'-DDE	0.0053	0.053
1031-07-8	Endosulfan Sulfate	0.0053	0.045	50-29-3	p,p'-DDT	0.0053	0.049
72-20-8	Endrin	0.0053	0.056	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

Total Target Concentration 0.89

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\08-10-05\3G08514.D\ECD1A.CH Vial: 11
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:08 Operator: JK
 Sample : AC18916-009 (MS:AC18916-008) Inst : GC_3
 Misc : S, PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:18 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	529846	1264514	80.126	76.962
2) alpha-BHC	3.83	3.64	632033	1682701	87.187	80.085
3) gamma-BHC	4.34	4.15	630804	1633507	91.043	81.246
4) beta-BHC	5.22	4.23	409877	924654	93.550	94.545
5) Heptachlor	4.63	4.58	566454	1555145	98.360	79.385
6) delta-BHC	5.57	4.71	452380	1261794	62.450	61.569
7) Aldrin	5.00	5.03	609898	1568668	93.632	79.872
8) Heptachlor Epoxi	5.84	5.75	601061	1572368	96.330	85.973
11) Endosulfan I	6.22	6.22	592914	1494397	124.173	76.579 #
12) p,p'-DDE	6.42	6.47	683414	1611575	99.941	88.517
13) Dieldrin	6.68	6.62	588478	1620069	100.007	91.322
14) Endrin	6.95	7.11	578408	1333889	106.498	87.250
15) p,p'-DDD	7.41	7.19	501433	1276076	95.539	88.825
16) Endosulfan II	7.54	7.34	584621	1447833	96.143	84.995
17) p,p'-DDT	7.64	7.59	338560	1124158	93.740	87.971
18) Endrin Aldehyde	8.06	7.76	407869	998966	83.145	75.357
19) Endosulfan Sulfa	8.45	7.92	435254	1191734	85.294	78.454
20) Methoxychlor	8.38	8.71	165353	535009	84.447	77.391
21) Endrin Ketone	9.00	8.97	570325	1523160	96.529	81.212
22) DCB-Surrogate	10.09	10.65	670840	2364630	81.031	95.996

08/12/05

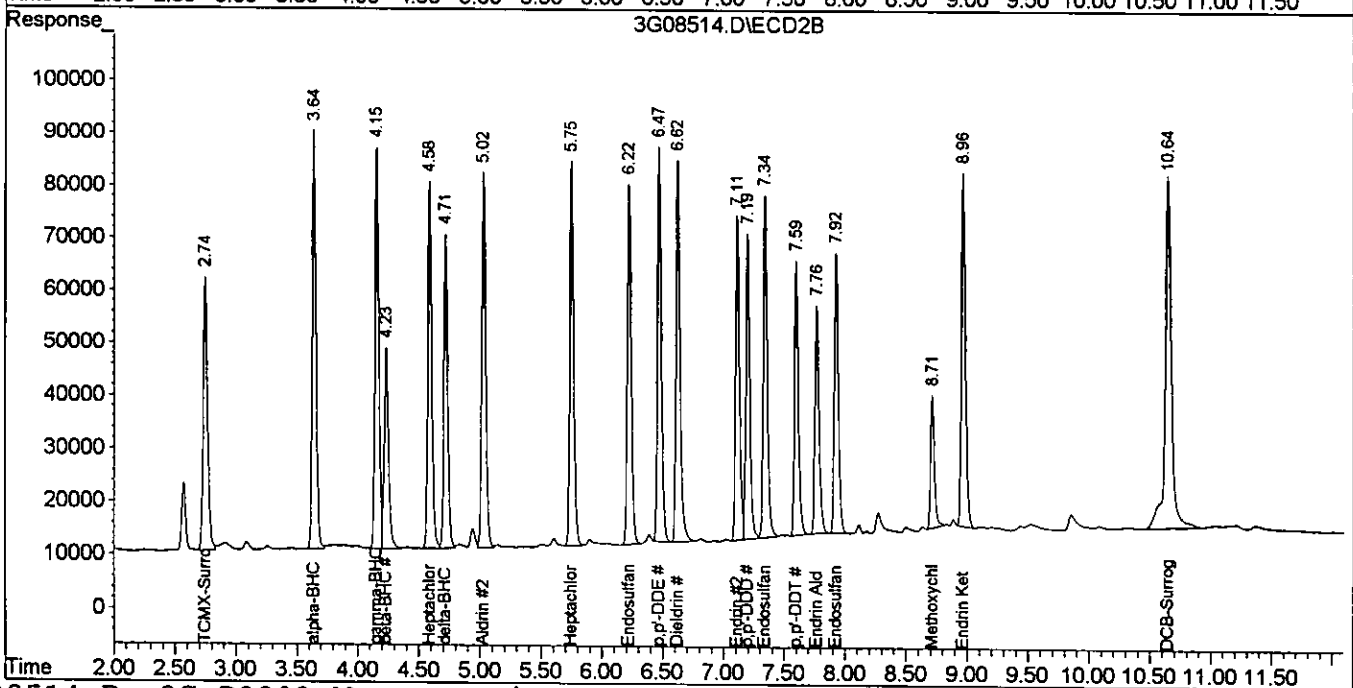
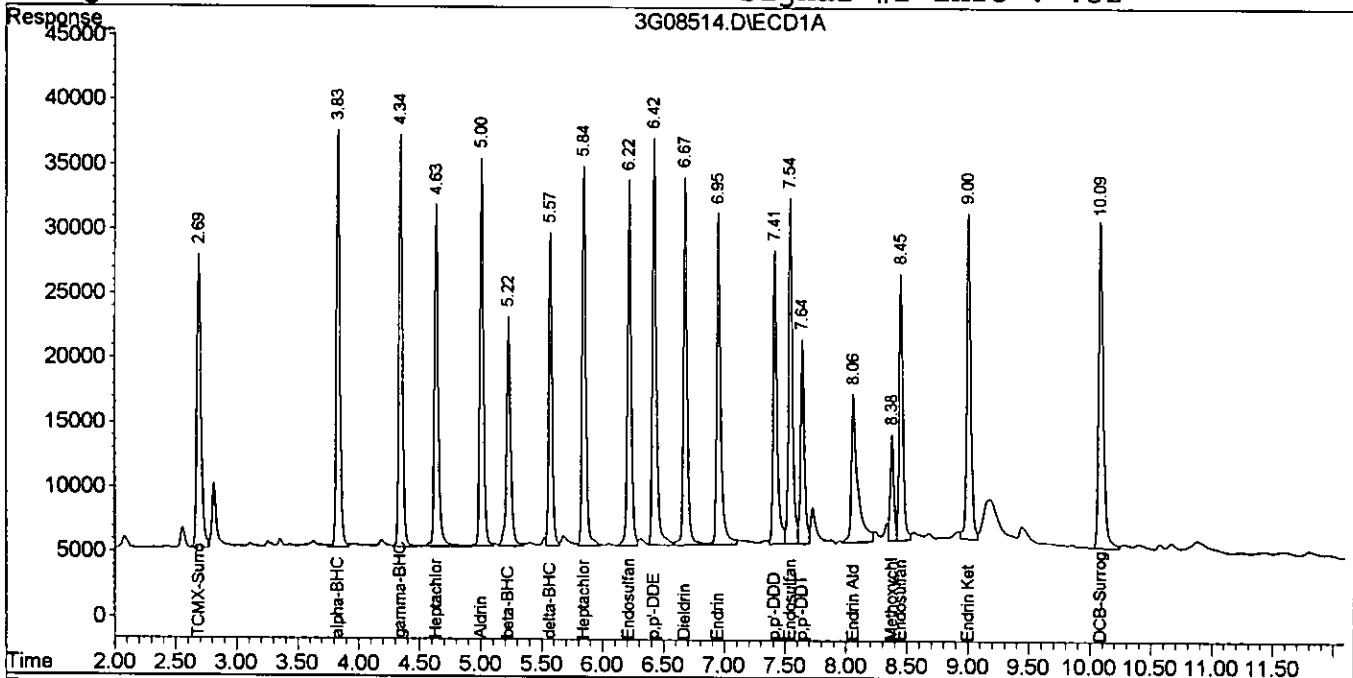
Quantitation Report

1361

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD1A.CH Vial: 11
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:08 Operator: JK
 Sample : AC18916-009 (MS:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:18 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-010(MSD:AC) Matrix: Soil
 Client Id: PCSB-48 (0.5)MSD Initial Vol: 20g
 Data File: 3G08515.D Final Vol: 10ml
 Analysis Date: 08/10/05 08:25 Dilution: 1
 Date Rec/Extracted: 08/04/05-08/09/05 Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	0.043	7421-93-4	Endrin Aldehyde	0.0052	0.054
319-84-6	alpha-BHC	0.0052	0.042	53494-70-5	Endrin Ketone	0.0052	0.046
319-85-7	beta-BHC	0.0052	0.053	58-89-9	gamma-BHC	0.0052	0.043
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	0.046
319-86-8	delta-BHC	0.0052	0.029	1024-57-3	Heptachlor Epoxide	0.0052	0.046
60-67-1	Dieldrin	0.0052	0.040	72-43-5	Methoxychlor	0.0052	0.038
959-98-8	Endosulfan I	0.0052	0.053	72-54-8	p,p'-DDD	0.0052	0.046
33213-65-9	Endosulfan II	0.0052	0.044	72-55-9	p,p'-DDE	0.0052	0.062
1031-07-8	Endosulfan Sulfate	0.0052	0.041	50-29-3	p,p'-DDT	0.0052	0.079
72-20-8	Endrin	0.0052	0.061	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

Total Target Concentration 0.866

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\08-10-05\3G08515.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:25 Operator: JK
 Sample : AC18916-010 (MSD:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:48 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	2.74	480692	1109548	72.084	66.136
2) alpha-BHC	3.83	3.63	594965	1437199	81.921	68.057
3) gamma-BHC	4.34	4.15	586897	1418510	84.373	70.553
4) beta-BHC	5.22	4.22	414176	997198	94.667	102.851
5) Heptachlor	4.63	4.58	521791	1435286	90.030	73.267
6) delta-BHC	5.57	4.71	417027	1040374	57.104m	50.765
7) Aldrin	5.00	5.02	548322	1625605	83.831m	82.771
8) Heptachlor Epoxi	5.84	5.75	558469	1406309	89.503m	76.893
11) Endosulfan I	6.21	6.22	501843	1226205	103.652m	62.836 #
12) p,p'-DDE	6.42	6.47	821236	1379567	120.096m	75.774 #
13) Dieldrin	6.67	6.62	457215	1118708	77.700m	63.061
14) Endrin	6.95	7.11	638327	1338175	117.530m	87.531 #
15) p,p'-DDD	7.41	7.19	467200	1067651	89.017m	73.744
16) Endosulfan II	7.54	7.34	513182	1164489	84.395m	68.361
17) p,p'-DDT	7.64	7.59	295383	1960199	82.215m	152.632 #
18) Endrin Aldehyde	8.09	7.76	512508	930178	104.475m	69.578m#
19) Endosulfan Sulfa	8.45	7.92	410573	930875	80.458m	61.281
20) Methoxychlor	8.37	8.71	146438	412522	74.422m	59.672
21) Endrin Ketone	9.00	8.96	532528	1276051	89.800m	68.036
22) DCB-Surrogate	10.09	10.65	573563	1748084	69.281m	70.966

08/12/05

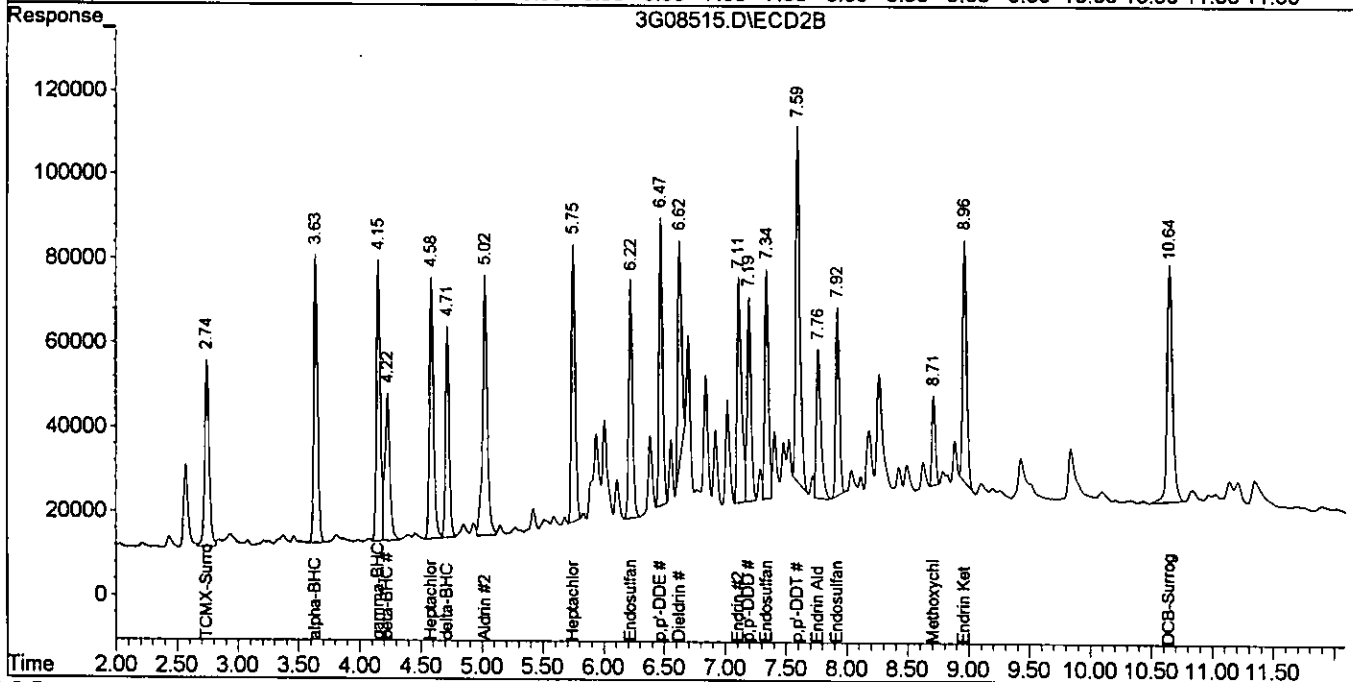
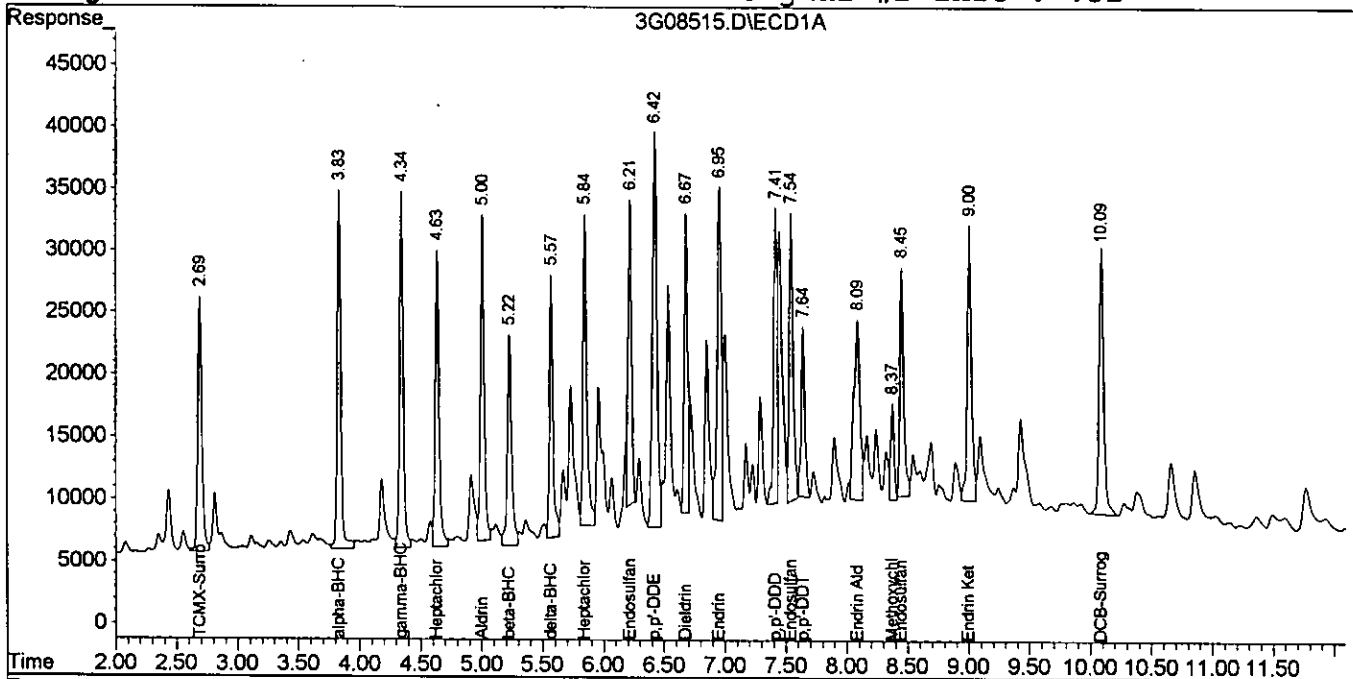
Quantitation Report

1351

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:25 Operator: JK
 Sample : AC18916-010 (MSD:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:48 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-013

Client Id: PCSB-47 (0.5')

Data File: 5G03505.D

Analysis Date: 08/10/05 09:24

Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 92

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0054	U	7421-93-4	Endrin Aldehyde	0.0054	U
319-84-6	alpha-BHC	0.0054	U	53494-70-5	Endrin Ketone	0.0054	U
319-85-7	beta-BHC	0.0054	U	58-89-9	gamma-BHC	0.0054	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0054	U
319-86-8	delta-BHC	0.0054	U	1024-57-3	Heptachlor Epoxide	0.0054	U
60-57-1	Dieldrin	0.0054	U	72-43-5	Methoxychlor	0.0054	U
959-98-8	Endosulfan I	0.0054	U	72-54-8	p,p'-DDD	0.0054	U
33213-65-9	Endosulfan II	0.0054	U	72-55-9	p,p'-DDE	0.0054	U
1031-07-8	Endosulfan Sulfate	0.0054	U	50-29-3	p,p'-DDT	0.0054	U
72-20-8	Endrin	0.0054	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18196

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.

137

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03505.D\ECD1A.CH Vial: 14
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03505.D\ECD2B.CH
 Acq On : 8-10-05 9:24:42 Operator: JK
 Sample : AC18916-013 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 10:08 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 : 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	660.4E6	550.6E6	85.938m	80.754
22) DCB-Surrogate	13.90	14.31	706.5E6	676.5E6	102.560	109.223m

08/12/0

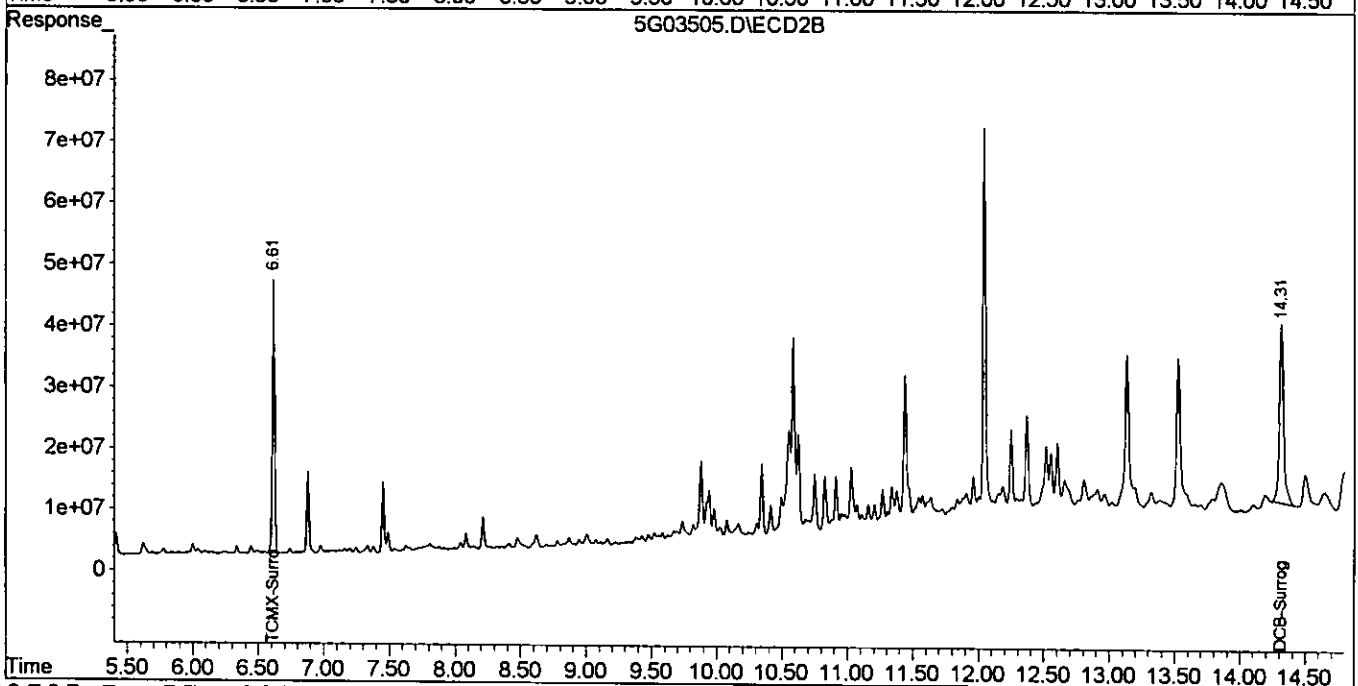
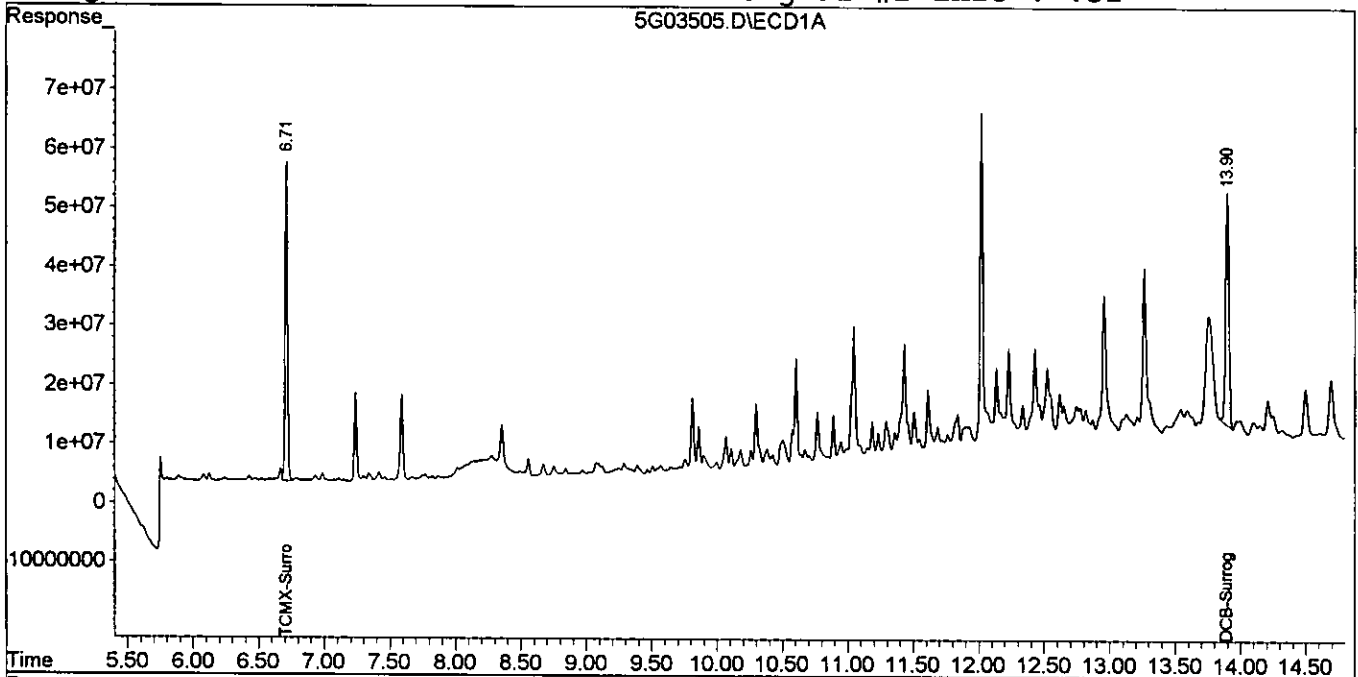
Quantitation Report

137

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03505.D\ECD1A.CH Vial: 14
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03505.D\ECD2B.CH
 Acq On : 8-10-05 9:24:42 Operator: JK
 Sample : AC18916-013 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 10:08 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-016
 Client Id: PCSB-49 (0.5')
 Data File: 5G03506.D
 Analysis Date: 08/10/05 09:43
 Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil
 Initial Vol: 20g
 Final Vol: 10ml
 Dilution: 1
 Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0052	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0052	U	58-89-9	gamma-BHC	0.0052	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0052	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0052	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0052	U
1031-07-8	Endosulfan Sulfate	0.0052	U	60-29-3	p,p'-DDT	0.0052	0.011
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

Total Target Concentration 0.011

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.

1374

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03506.D\ECD1A.CH Vial: 15
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03506.D\ECD2B.CH
 Acq On : 8-10-05 9:43:29 Operator: JK
 Sample : AC18916-016 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 10:04 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	601.3E6	514.3E6	78.244	75.431
17) p,p'-DDT	11.62	11.44	60886775	89285267	15.479	21.727m#
22) DCB-Surrogate	13.90	14.31	684.0E6	603.1E6	99.305	97.371m

08/12/05

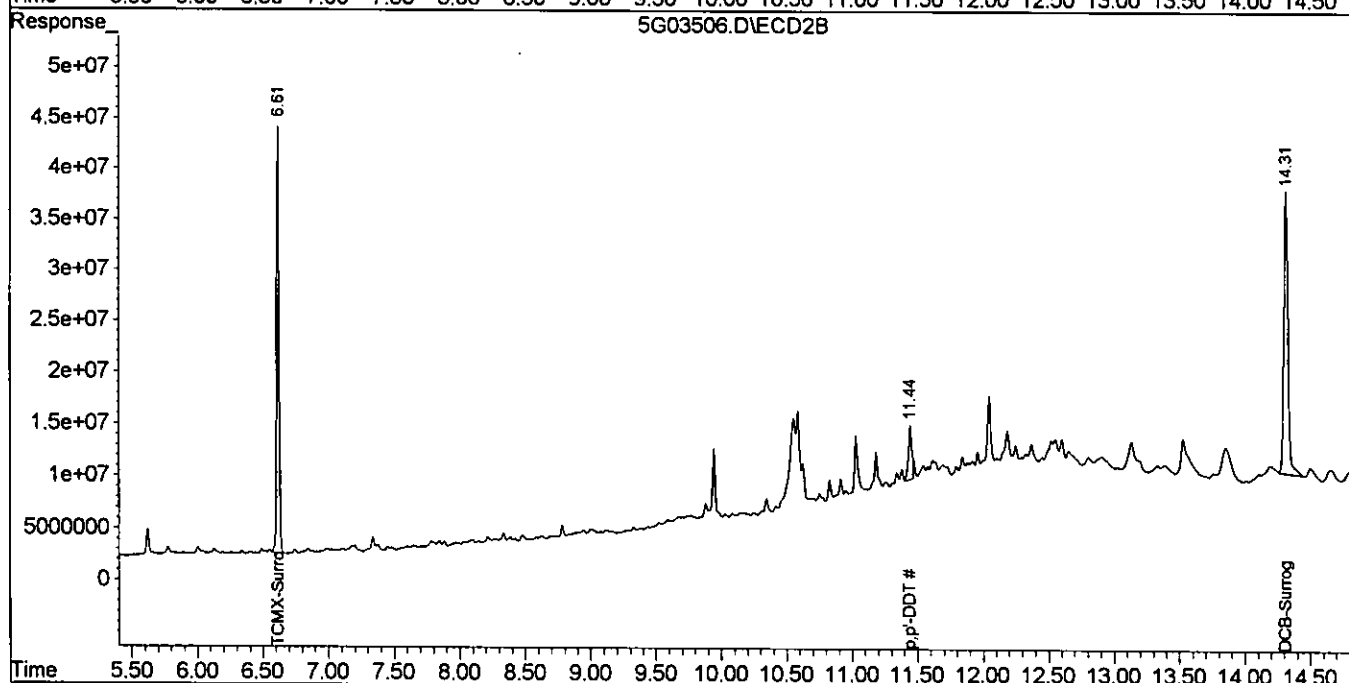
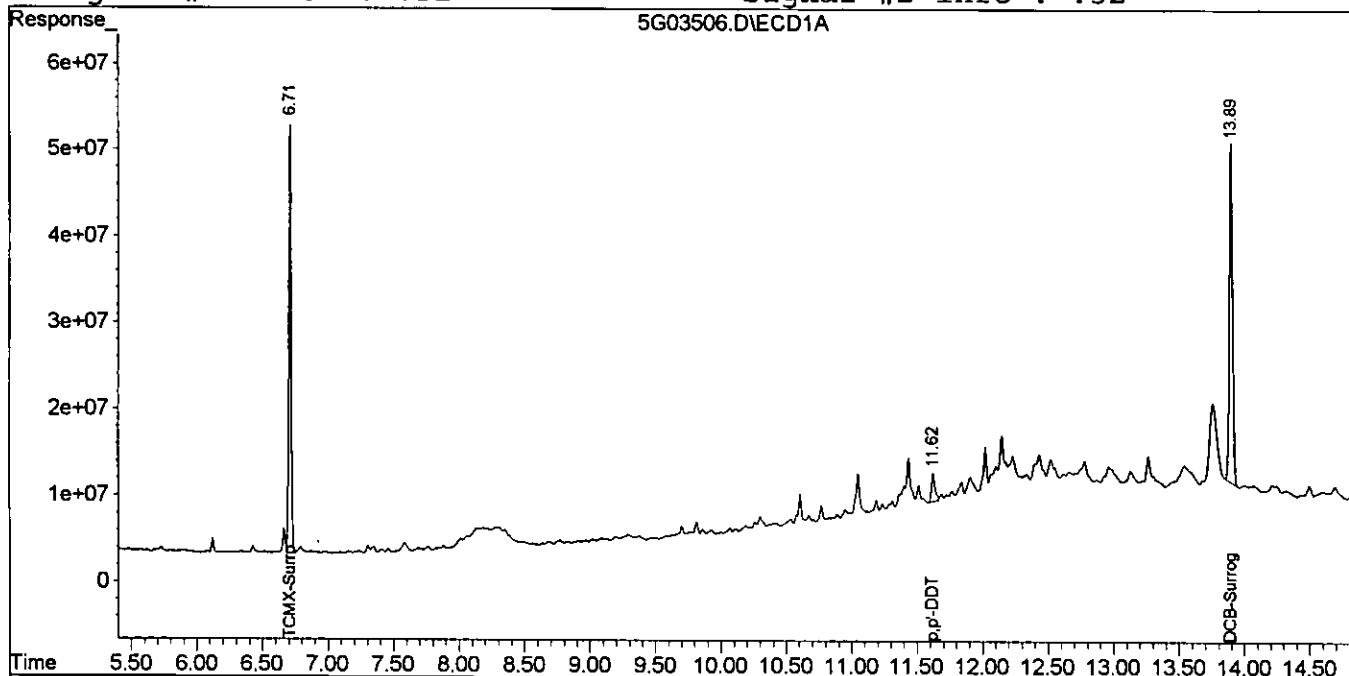
Quantitation Report

1375

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03506.D\ECD1A.CH Vial: 15
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03506.D\ECD2B.CH
 Acq On : 8-10-05 9:43:29 Operator: JK
 Sample : AC18916-016 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 10:04 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 : 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-019

Client Id: PCSB-44 (0.5')

Data File: 5G03507.D

Analysis Date: 08/10/05 10:02

Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0052	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0052	U	58-89-9	gamma-BHC	0.0052	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0052	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0052	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0052	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0052	0.016
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18196

Total Target Concentration 0.016

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.

1377

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03507.D\ECD1A.CH Vial: 16
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03507.D\ECD2B.CH
 Acq On : 8-10-05 10:02:22 Operator: JK
 Sample : AC18916-019 Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 10:27 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	756.2E6	564.6E6	98.412	82.816
17) p,p'-DDT	11.61	11.44	99694324	126.3E6	25.345m	30.727
22) DCB-Surrogate	13.90	14.31	806.6E6	646.9E6	117.105	104.447m

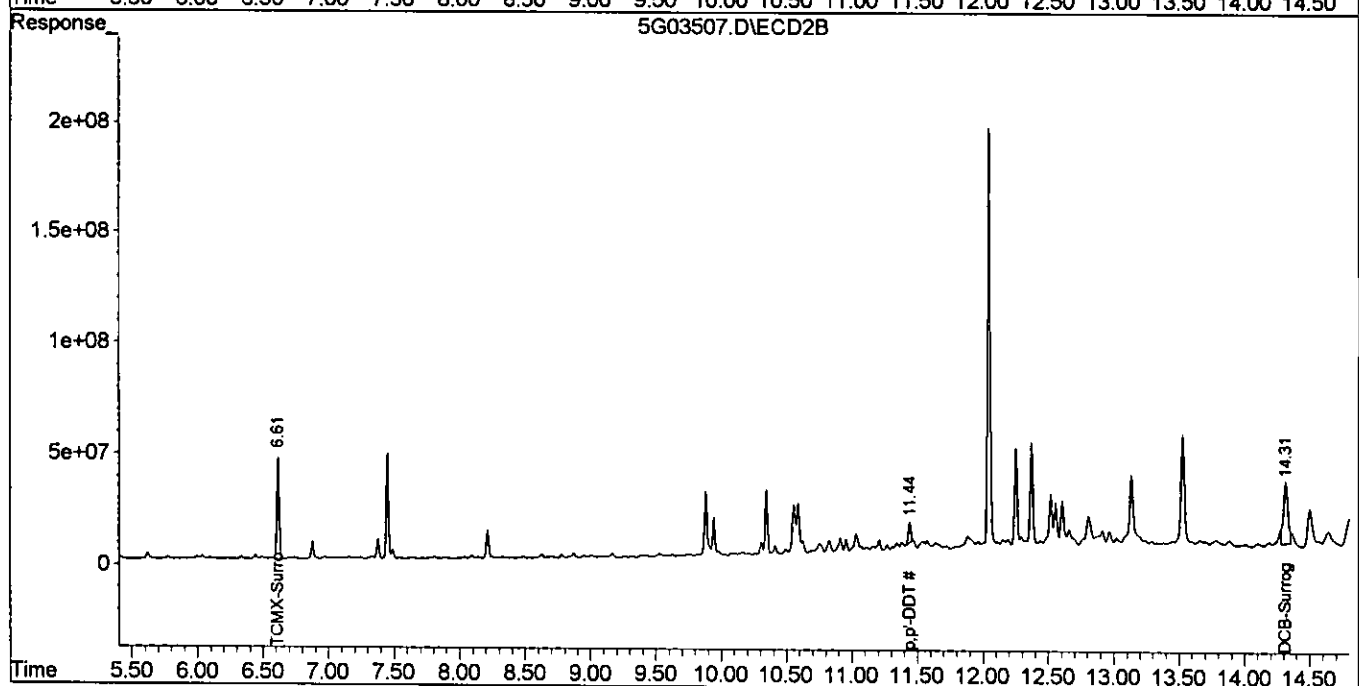
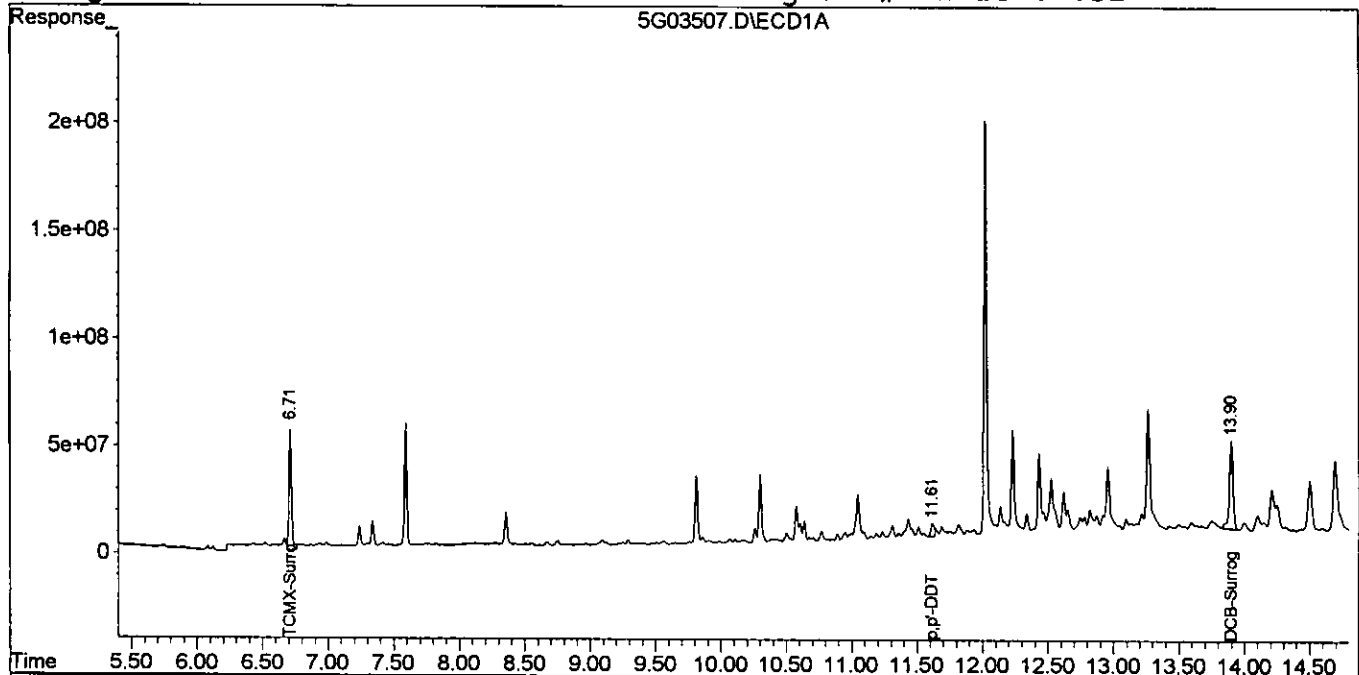
08/12/02

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03507.D\ECD1A.CH Vial: 16
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03507.D\ECD2B.CH
Acq On : 8-10-05 10:02:22 Operator: JK
Sample : AC18916-019 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 10:27 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 : 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18916-022

Client Id: PCSB-55 (0.5)

Data File: 3G08516.D

Analysis Date: 08/10/05 08:41

Date Rec/Extracted: 08/04/05-08/09/05

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 92

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0054	U	7421-93-4	Endrin Aldehyde	0.0054	U
319-84-6	alpha-BHC	0.0054	U	53494-70-5	Endrin Ketone	0.0054	U
319-85-7	beta-BHC	0.0054	U	58-89-9	gamma-BHC	0.0054	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0054	U
319-86-8	delta-BHC	0.0054	U	1024-57-3	Heptachlor Epoxide	0.0054	U
60-57-1	Dieldrin	0.0054	U	72-43-5	Methoxychlor	0.0054	U
959-98-8	Endosulfan I	0.0054	U	72-54-8	p,p'-DDD	0.0054	U
33213-65-9	Endosulfan II	0.0054	U	72-55-9	p,p'-DDE	0.0054	U
1031-07-8	Endosulfan Sulfate	0.0054	U	50-29-3	p,p'-DDT	0.0054	U
72-20-8	Endrin	0.0054	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18196

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.

1388

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08516.D\ECD1A.CH Vial: 13
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08516.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:41 Operator: JK
 Sample : AC18916-022 Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 9:09 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	2.74	524738	1249776	79.288	75.933
22) DCB-Surrogate	10.09	10.65	677464	2306541	81.832m	93.638m

08/12/05

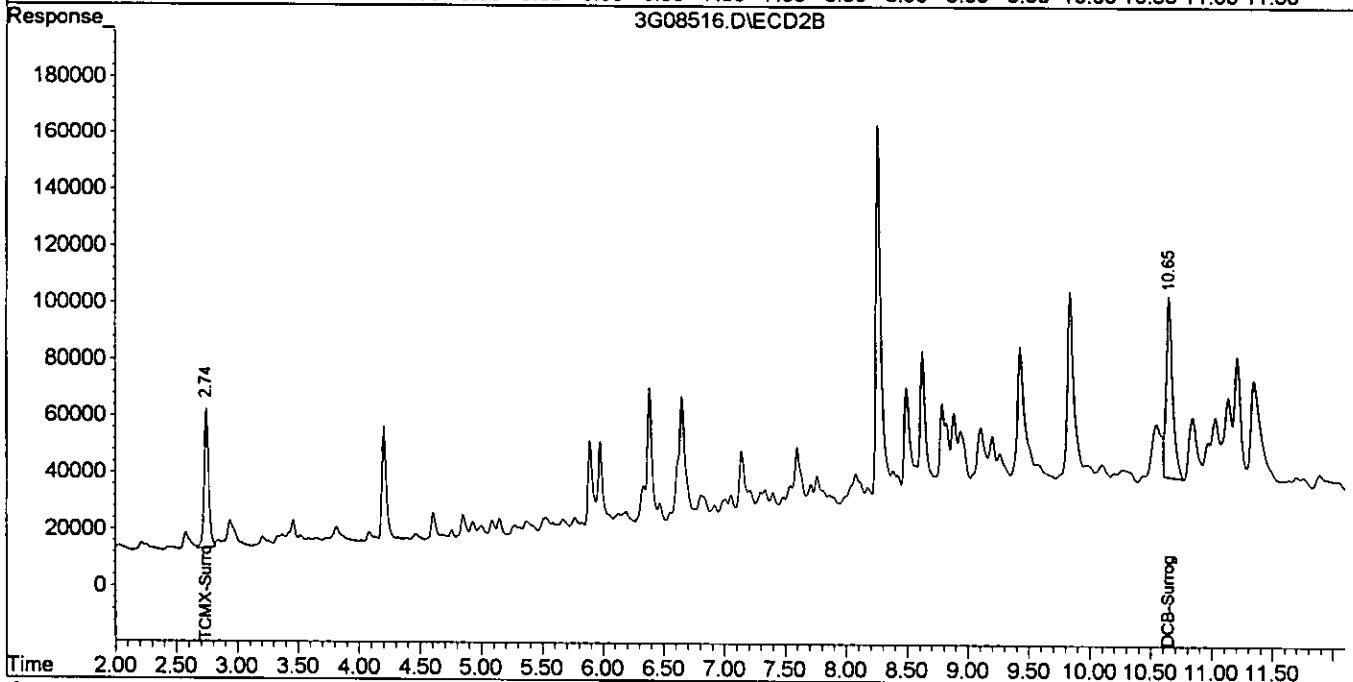
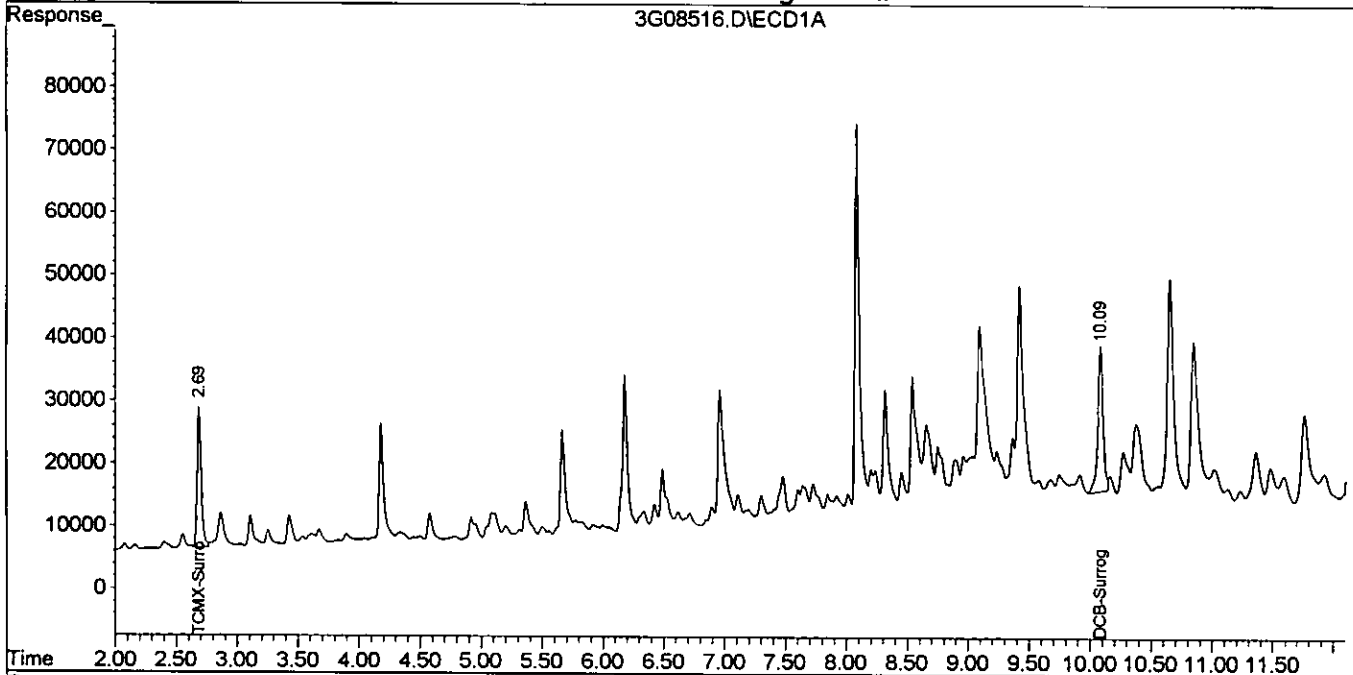
Quantitation Report

1301

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08516.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08516.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:41 Operator: JK
 Sample : AC18916-022 Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 9:09 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 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: AC18916-025

Client Id: FB080305

Data File: 5G03488.D

Analysis Date: 08/08/05 13:09

Date Rec/Extracted: 08/04/05-08/05/05

Matrix: Aqueous

Initial Vol: 1000ml

Final Vol: 5ml

Dilution: 1

Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.050	U	7421-93-4	Endrin Aldehyde	0.050	U
319-84-6	alpha-BHC	0.050	U	53494-70-5	Endrin Ketone	0.050	U
319-85-7	beta-BHC	0.050	U	58-89-9	gamma-BHC	0.050	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.050	U
319-86-8	delta-BHC	0.050	U	1024-57-3	Heptachlor Epoxide	0.050	U
60-57-1	Dieldrin	0.050	U	72-43-5	Methoxychlor	0.050	U
959-98-8	Endosulfan I	0.050	U	72-54-8	p,p'-DDD	0.050	U
33213-65-9	Endosulfan II	0.050	U	72-55-9	p,p'-DDE	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U	50-29-3	p,p'-DDT	0.050	U
72-20-8	Endrin	0.050	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 18196

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.

1303

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03488.D\ECD1A.CH Vial: 22
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03488.D\ECD2B.CH
 Acq On : 8-8-05 13:09:42 Operator: JK
 Sample : AC18916-025 Inst : GC_5
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 13:30 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	625.5E6	542.0E6	81.394	79.498
22) DCB-Surrogate	13.90	14.31	210.2E6	180.2E6	30.516	29.091

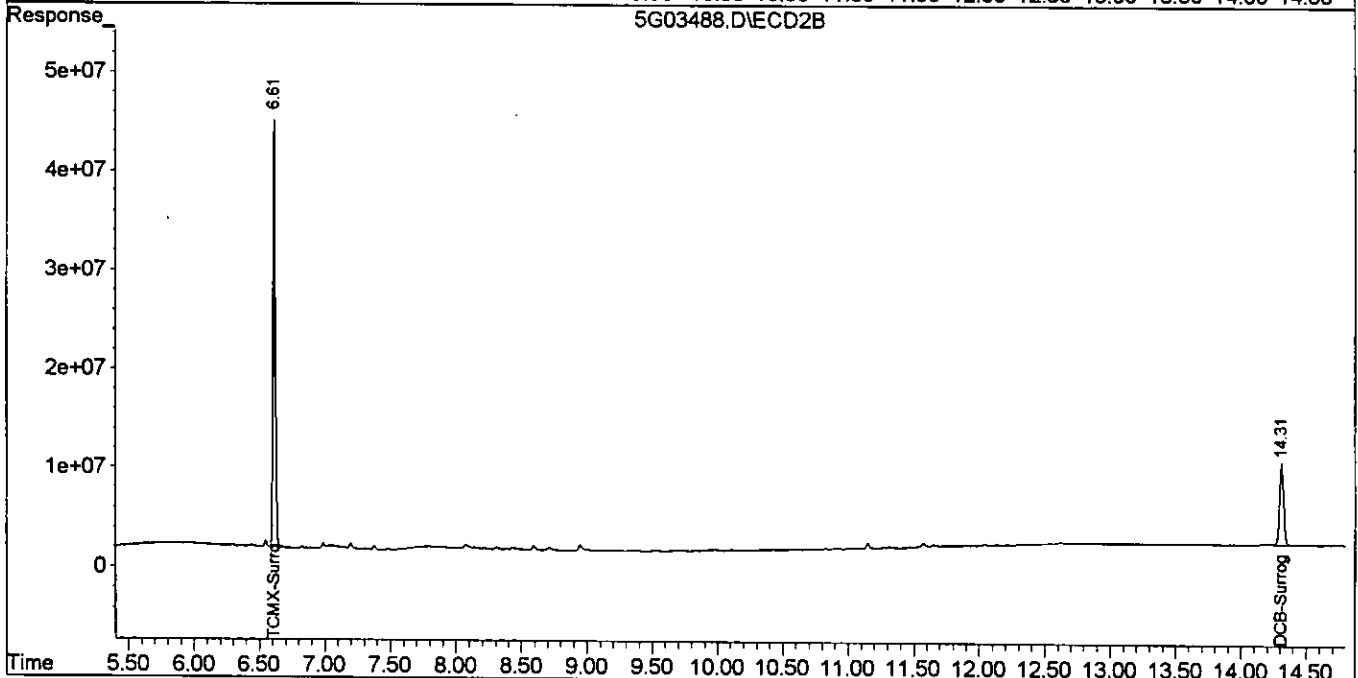
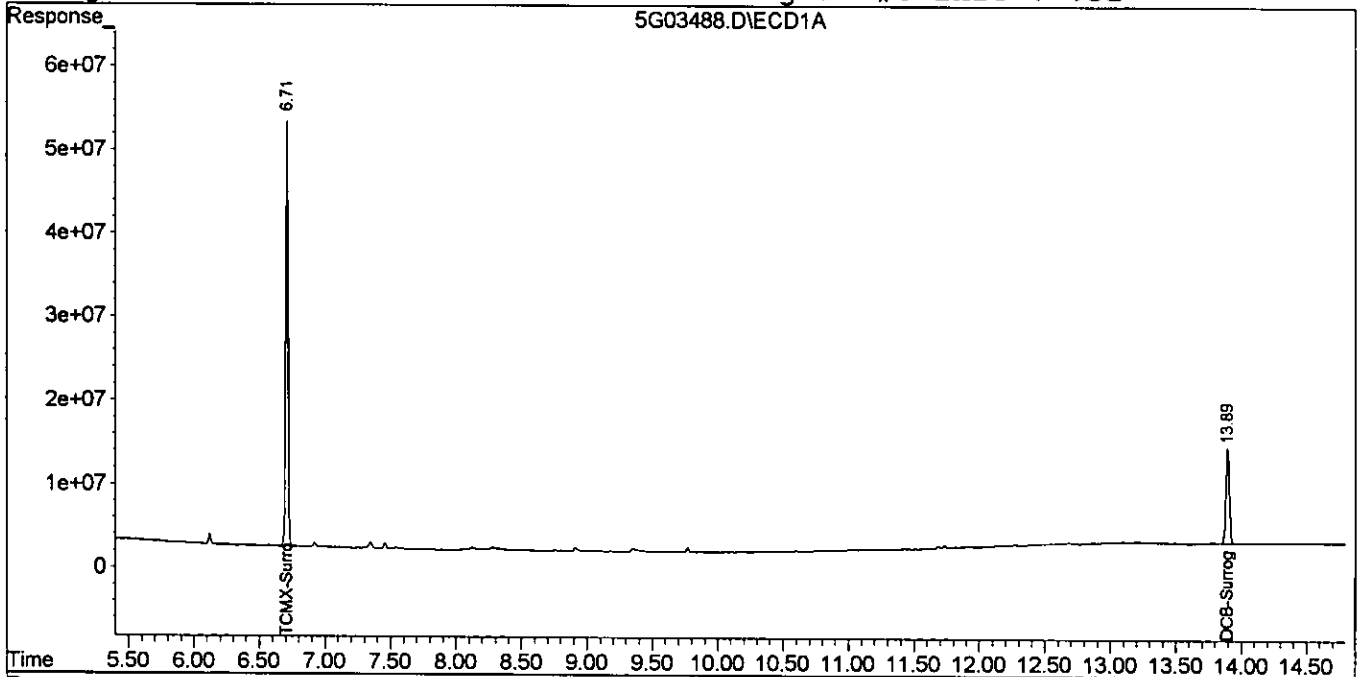
OP/12/07 ✓

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03488.D\ECD1A.CH Vial: 22
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03488.D\ECD2B.CH
Acq On : 8-8-05 13:09:42 Operator: JK
Sample : AC18916-025 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 13:30 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 : 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
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	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:	Calibration Level Concentrations																
				Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8									
Aldrin	2	0	Avg	2.2046	1.8915	2.2097	1.8783	1.8116	1.7878	---	1.9650	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	---	1.8357	0.999	0.999	8.7	2.00	10.00	50.00	100.0	200.0	400.0
γ-chlordane	2	0	Avg	1.9147	1.8612	2.1530	1.8121	1.7288	1.6917	---	1.8659	0.999	0.999	8.9	2.00	10.00	50.00	100.0	200.0	400.0
α-chlordane	2	0	Lin	1.9306	1.7903	1.9910	1.6554	1.5512	1.4942	---	1.7461	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	---	1.9562	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	---	1.8264	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	---	1.7762	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	---	1.5371	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	---	1.4979	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	---	1.7073	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	---	1.1775	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	---	1.5776	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	---	1.5279	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	---	0.6918	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	---	1.8889	0.999	0.999	8.2	2.00	10.00	50.00	100.0	200.0	400.0
DCB-Surrrogate	2	0	Qua	2.8505	2.6760	2.8017	2.3250	2.1827	1.9434	---	2.4610	0.994	0.999	15	2.00	10.00	50.00	100.0	200.0	400.0
Chlordane	2	1	Avg	---	---	---	---	---	---	---	0.1045	-1	-1	Lvl=7	100.0					
Chlordane	2	2	Avg	---	---	---	---	---	---	---	0.3786	-1	-1	Lvl=7	100.0					
Chlordane	2	3	Avg	---	---	---	---	---	---	---	0.1566	-1	-1	Lvl=7	100.0					
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	0.0476	-1	-1	Lvl=8	500.0					
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	0.0194	-1	-1	Lvl=8	500.0					
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	0.0175	-1	-1	Lvl=8	500.0					
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	0.0191	-1	-1	Lvl=8	500.0					
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	0.0133	-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 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 F.o.
 Corr 2 = Correlation Coefficient for quad F.o.

All Response Factors = Response Factors / 10000
 Initial Calibration Criteria: either %RSD <=20 or Corr >= .99
 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 #

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:\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	2.68	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

08/12/05



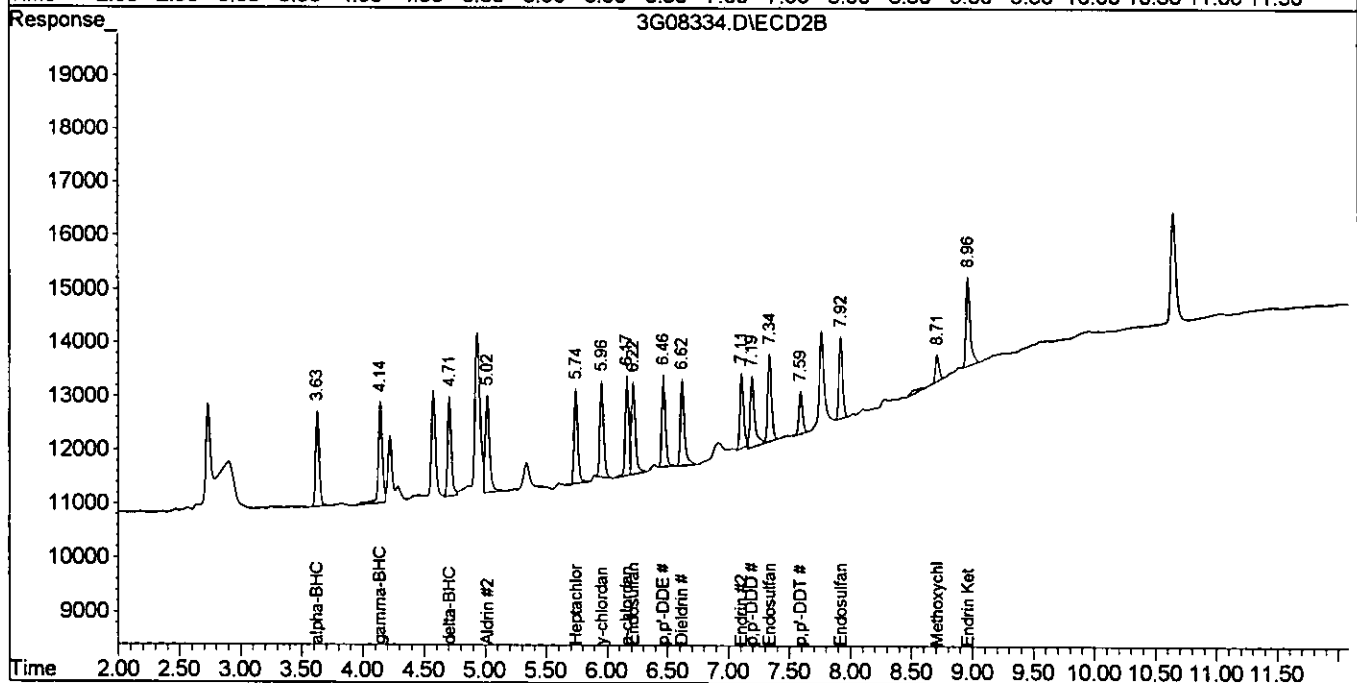
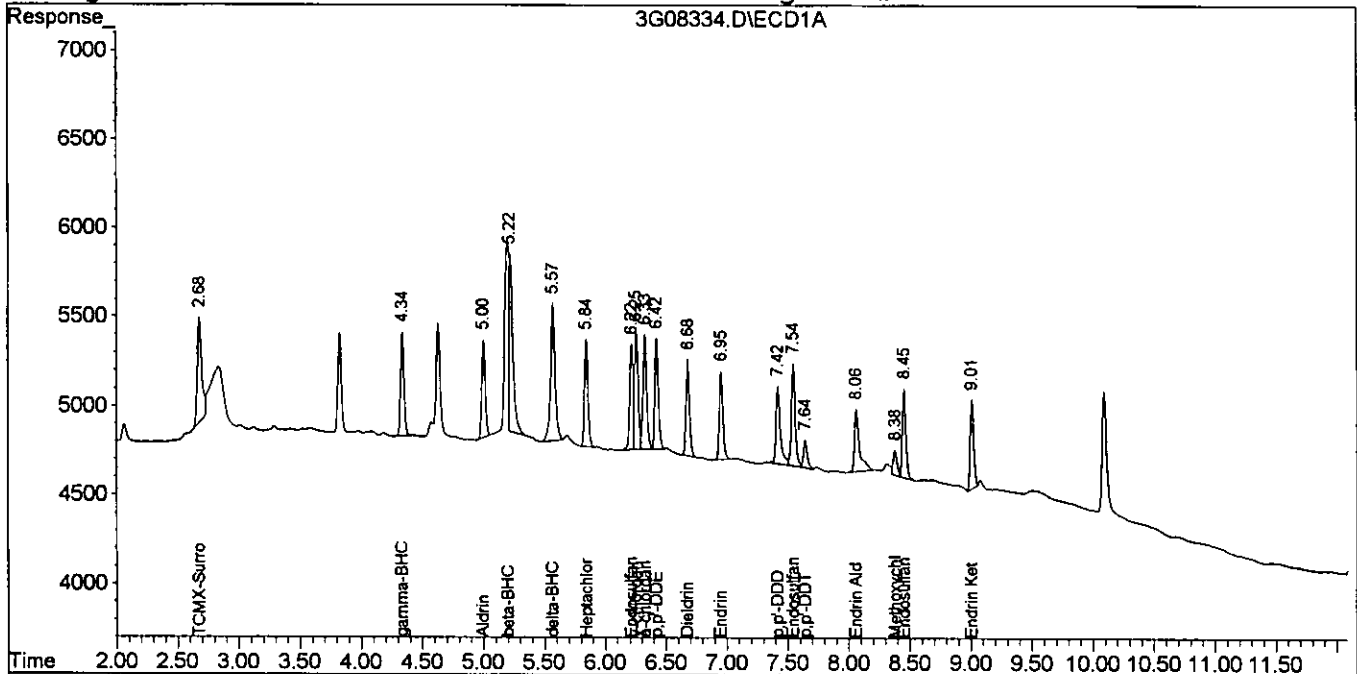
Quantitation Report

1331

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD1A.CH Gal: 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:\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\3G08329.D\ECD1A.CH Val: 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

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	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

08/12/05

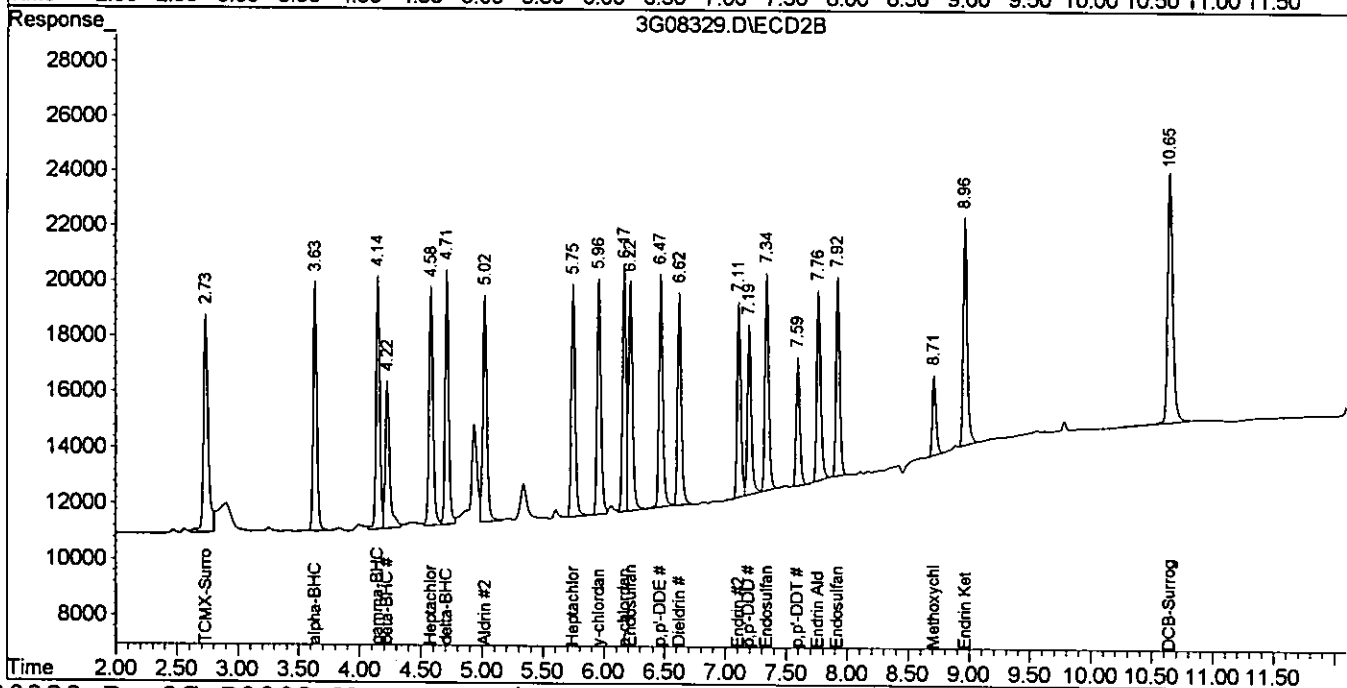
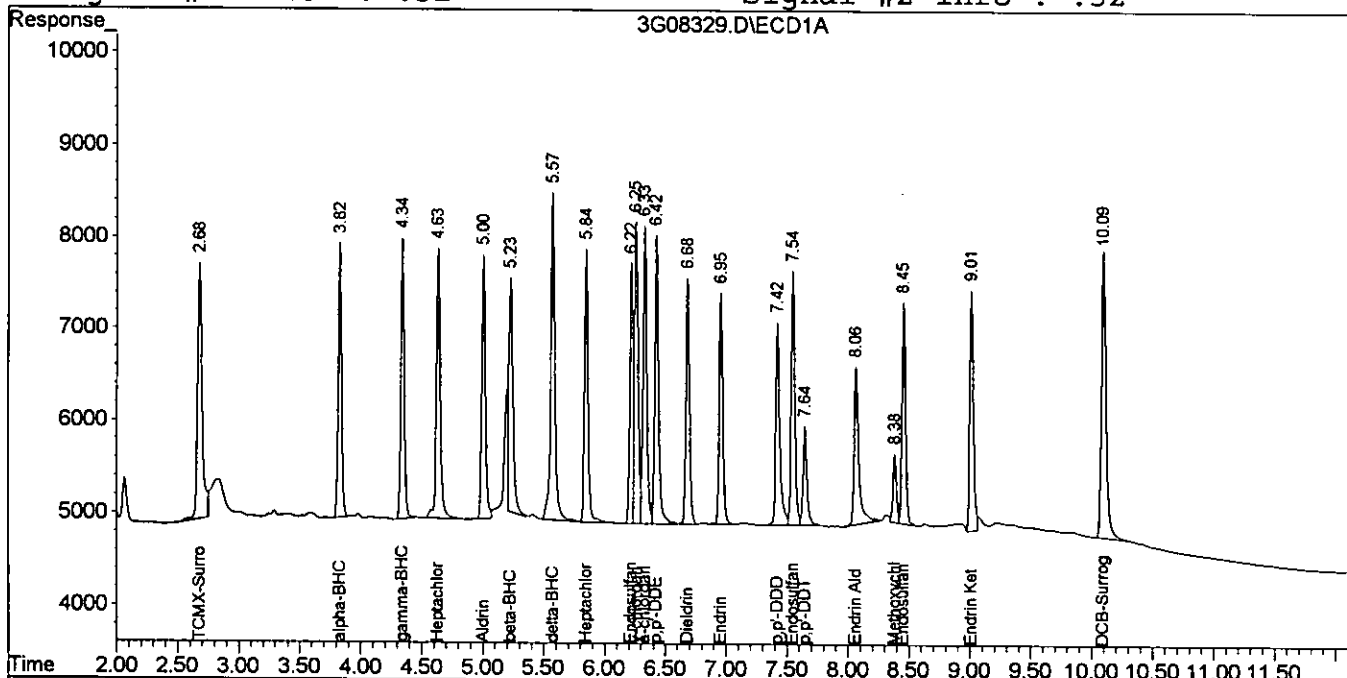
Quantitation Report

139
4521

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

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



1391

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

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

WP/12/01

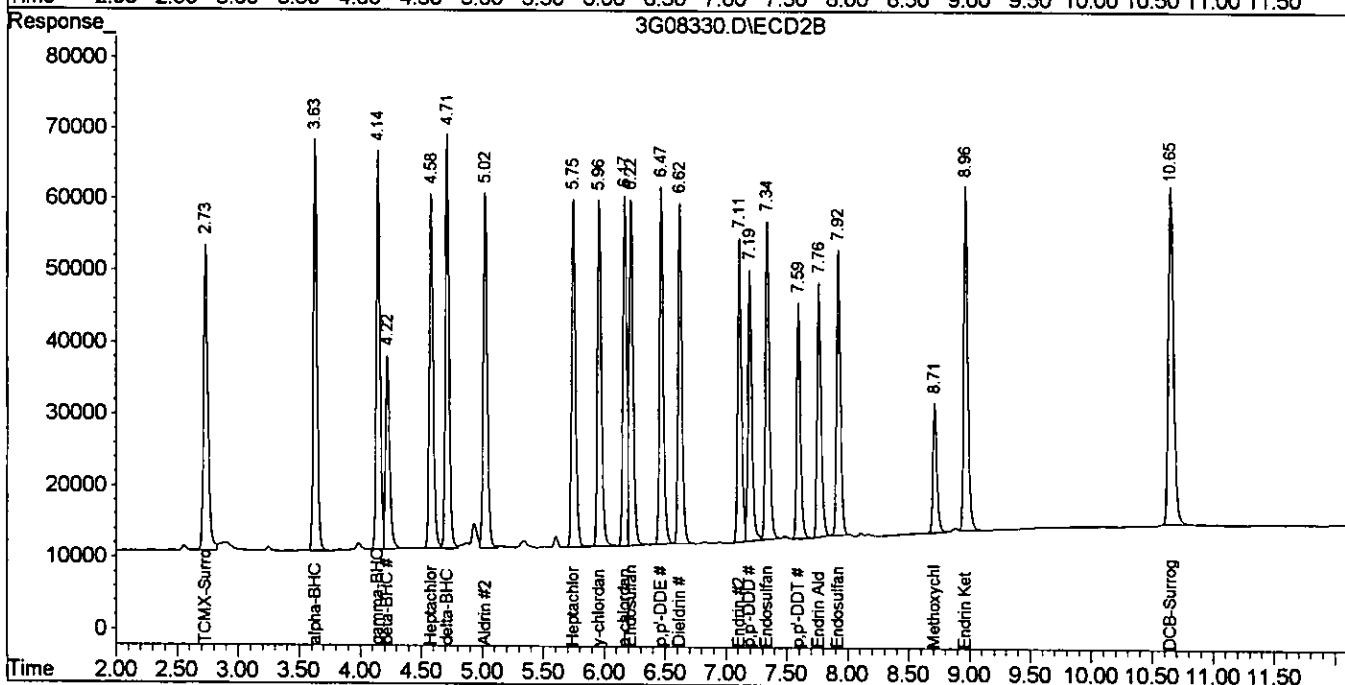
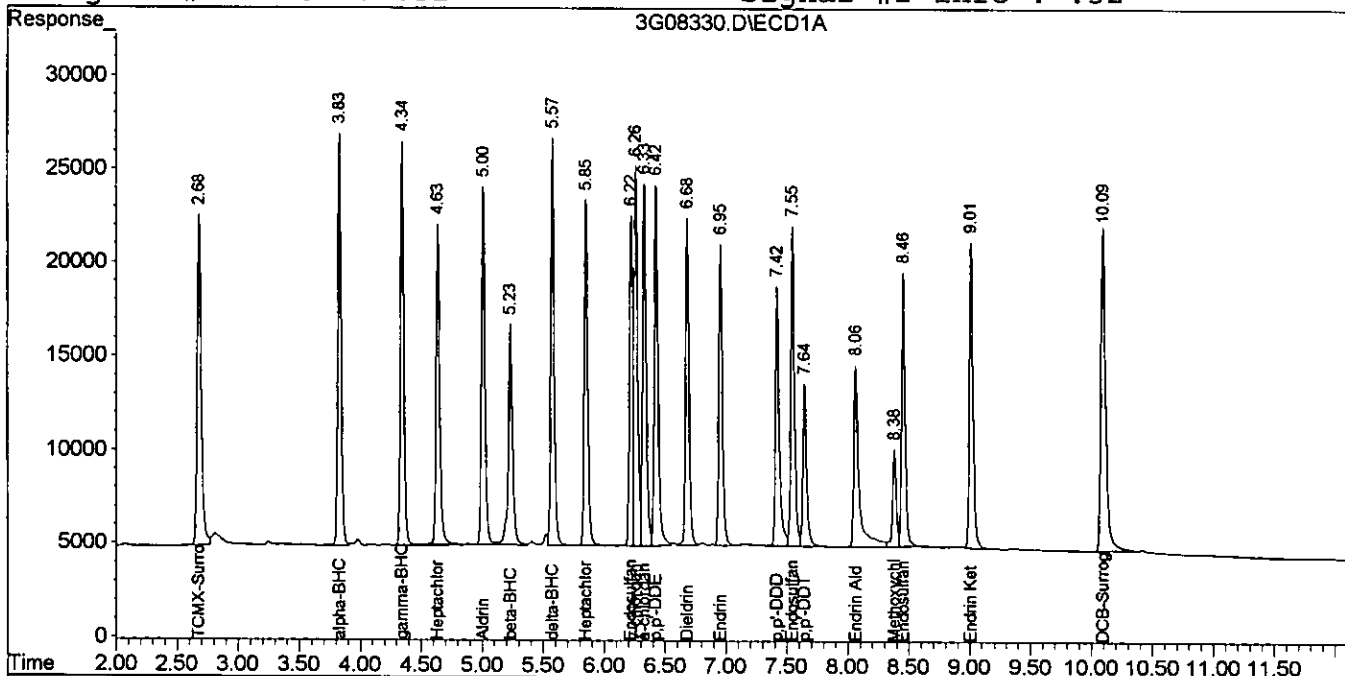
Quantitation Report

1351

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

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 #1 Info : .32
 Signal #2 Phase: db-608
 Signal #2 Info : .32



1351

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD1A.CH
 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

08/12/05

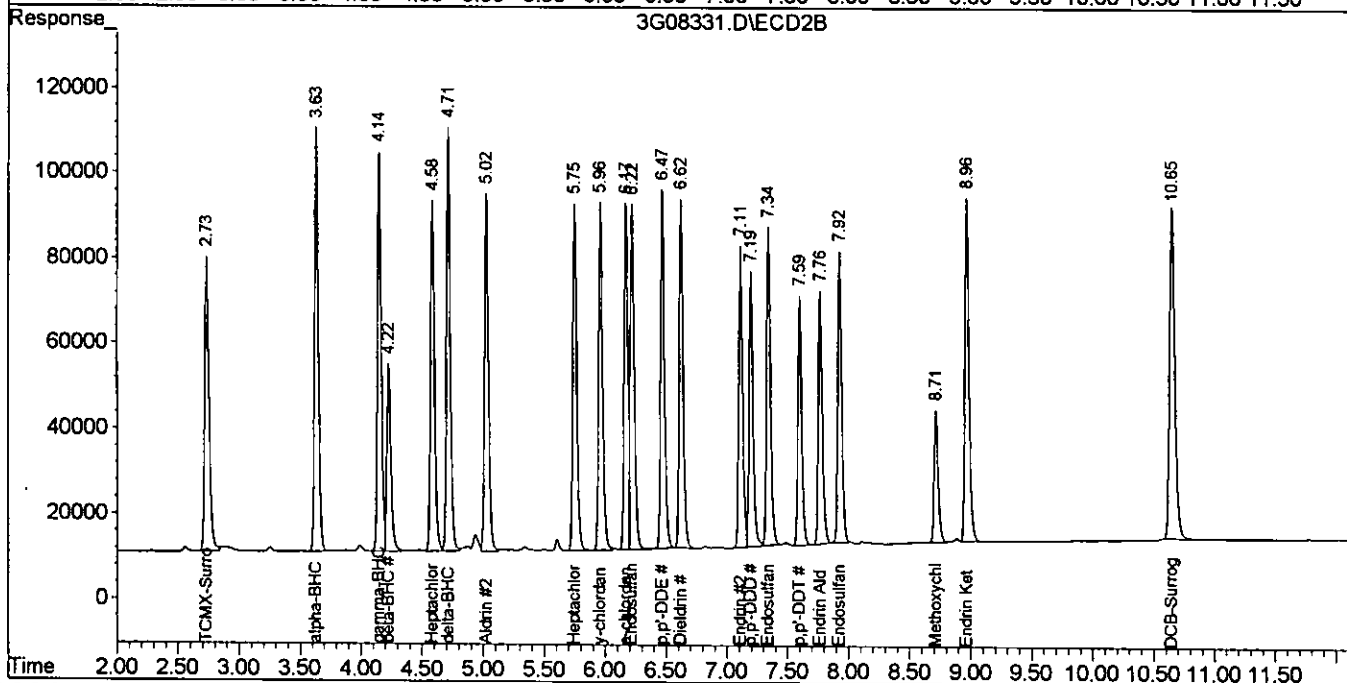
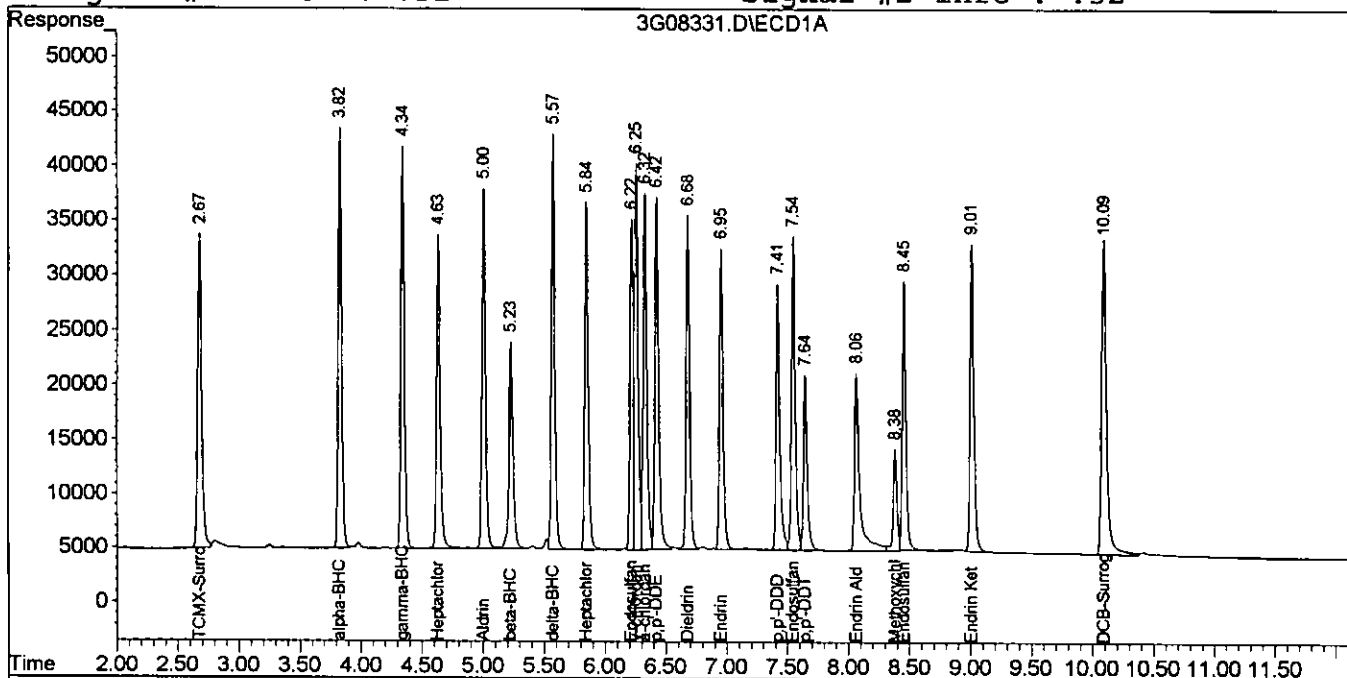
Quantitation Report

1331
5435

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08331.D\ECD1A.CH Signal: 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 : 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



1331

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:25
 Sample : CAL PEST@200PPB
 Misc : S,PEST
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:33 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	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

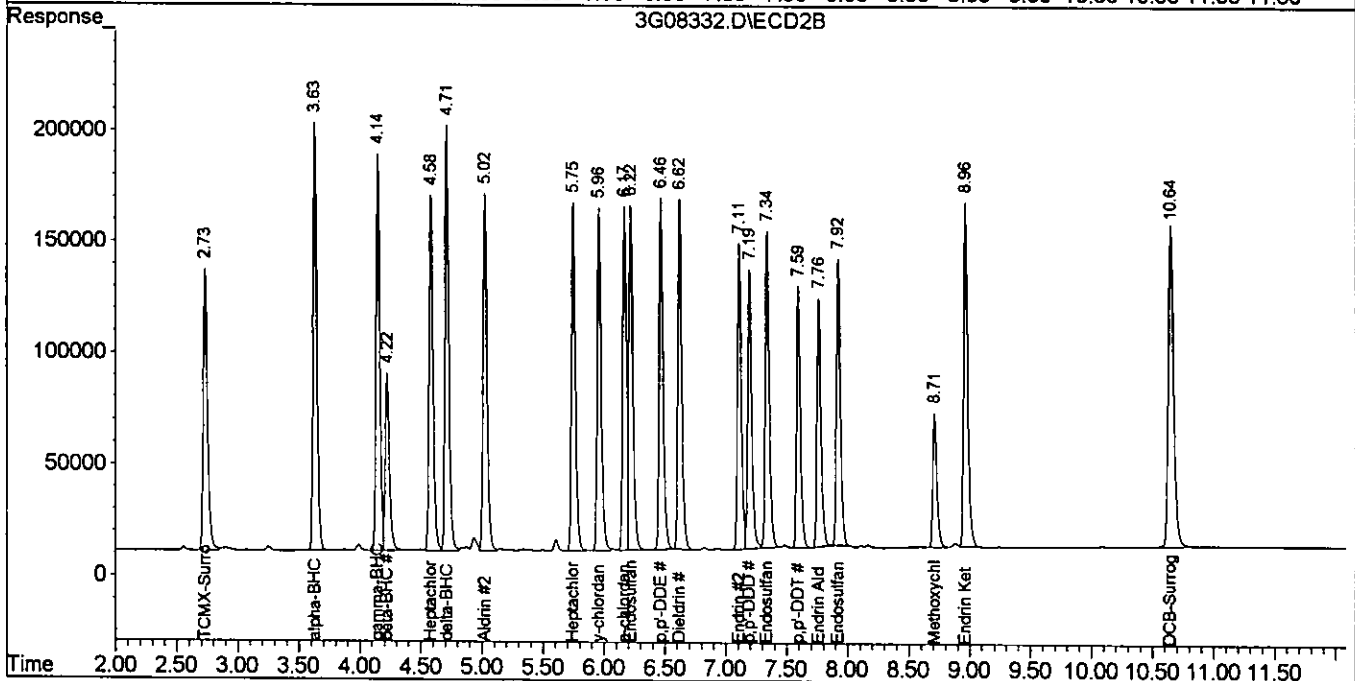
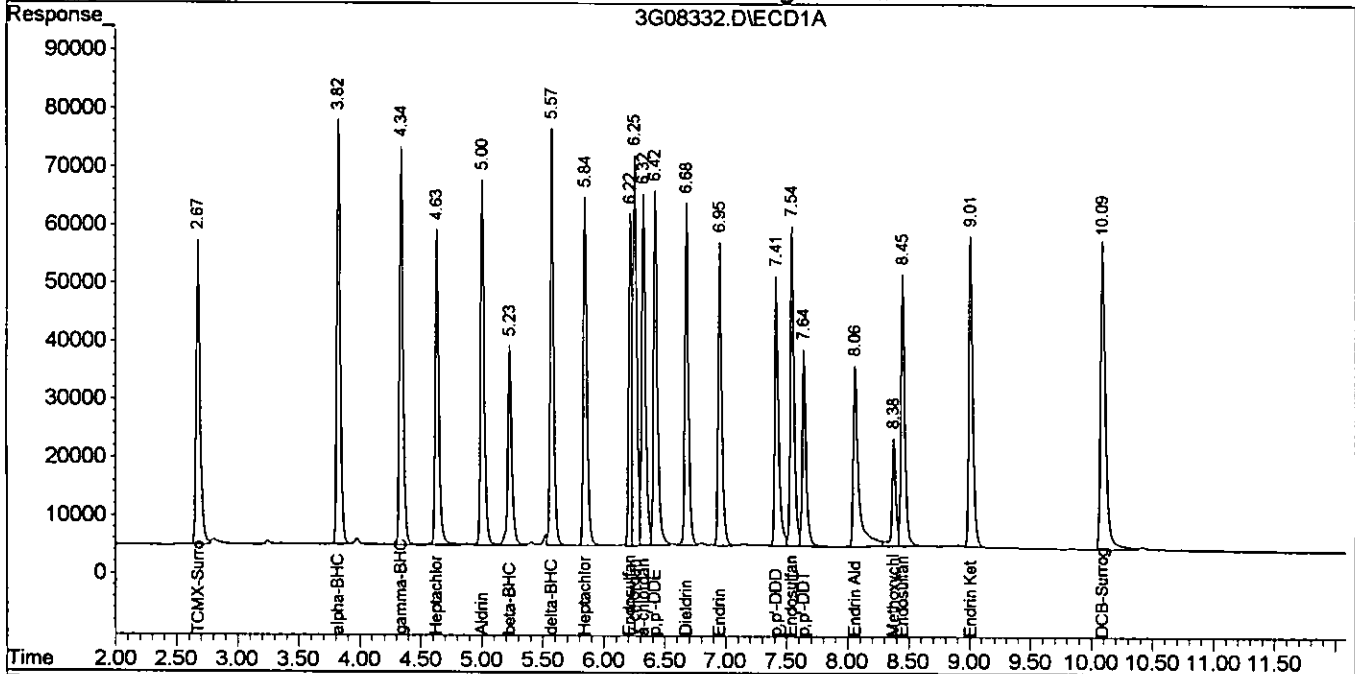
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08332.D\ECD1A.CH Signal: 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

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



1318

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD1A.CH
 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

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	2.67	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

08/12/05

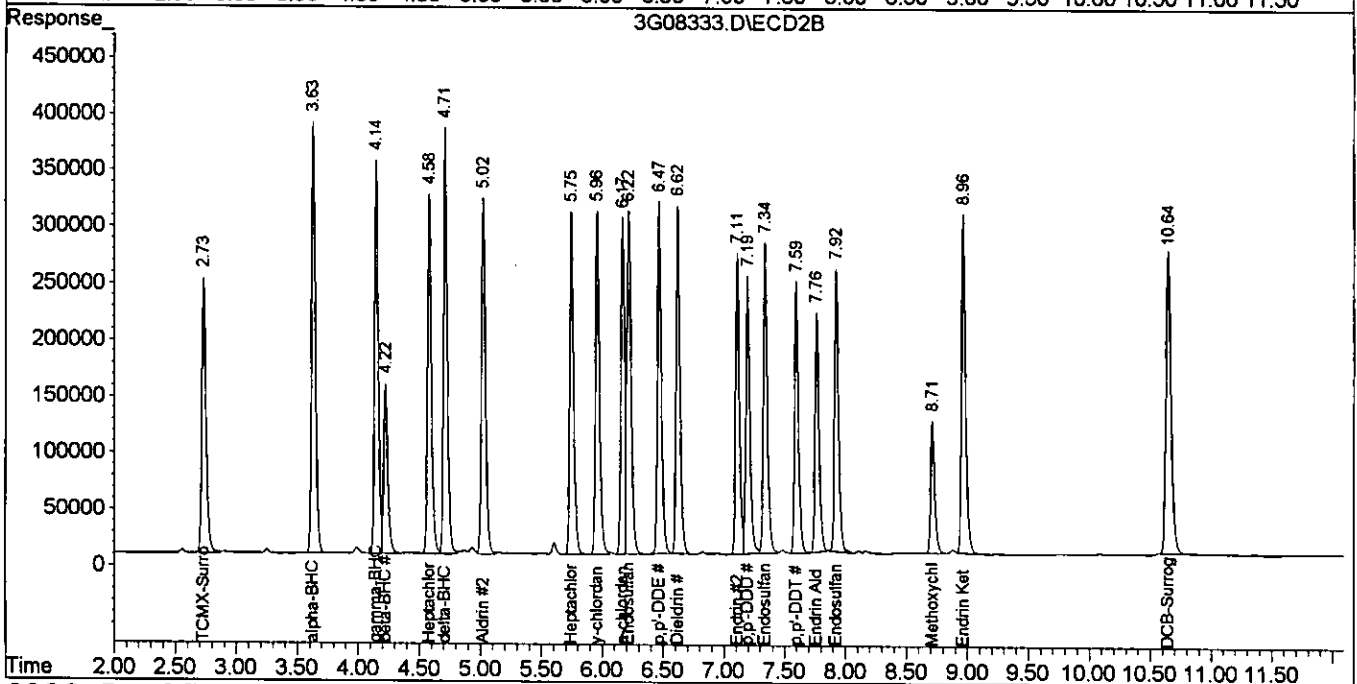
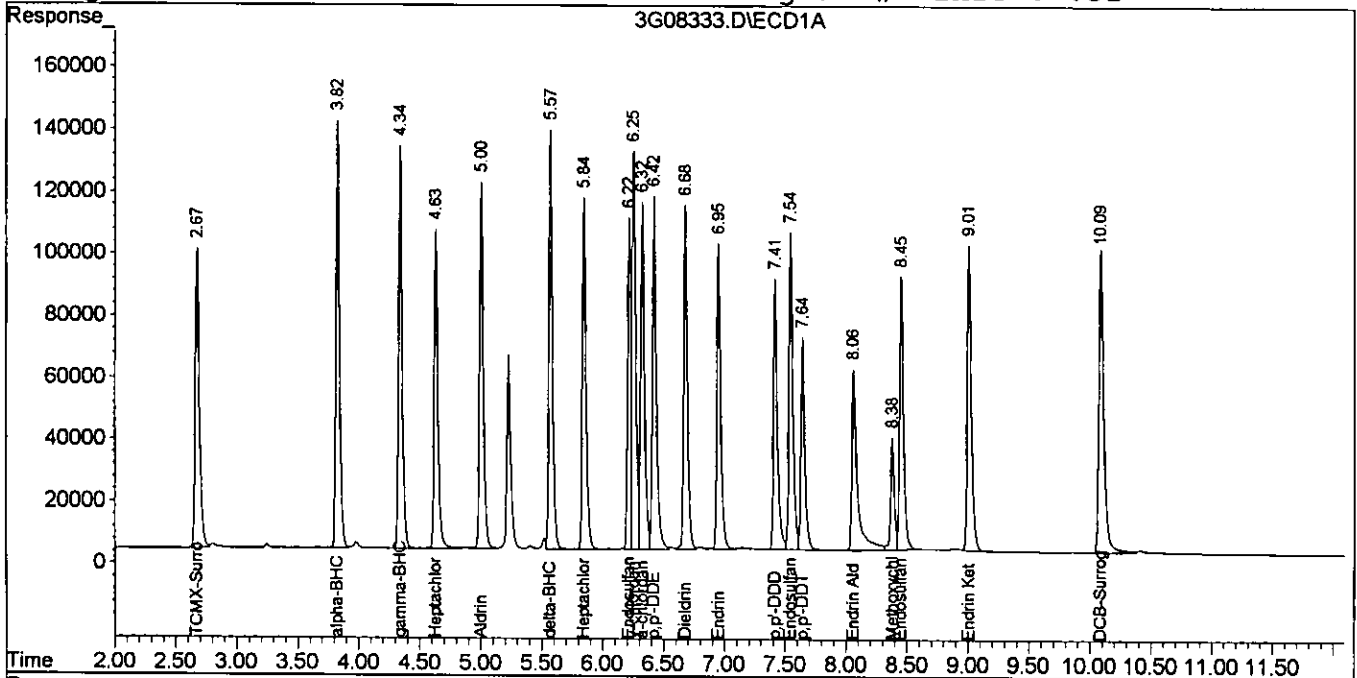
Quantitation Report

1351

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08333.D\ECD2B.CH
 Acq On : 3 Aug 2005 11:42
 Sample : CAL PEST@400PPB
 Misc : S,PEST
 IntFile Signal #1: PEST1.E
 IntFile Signal #2: Pest2.e
 Quant Time: Aug 3 11:51 2005
 Operator: JK
 Inst : GC_3
 Multiplr: 1.00
 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 : Multiple Level Calibration
 DataAcq Meth : 3G_808R.M

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



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08335.D\ECD1A.CH Val: 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

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	2.68	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

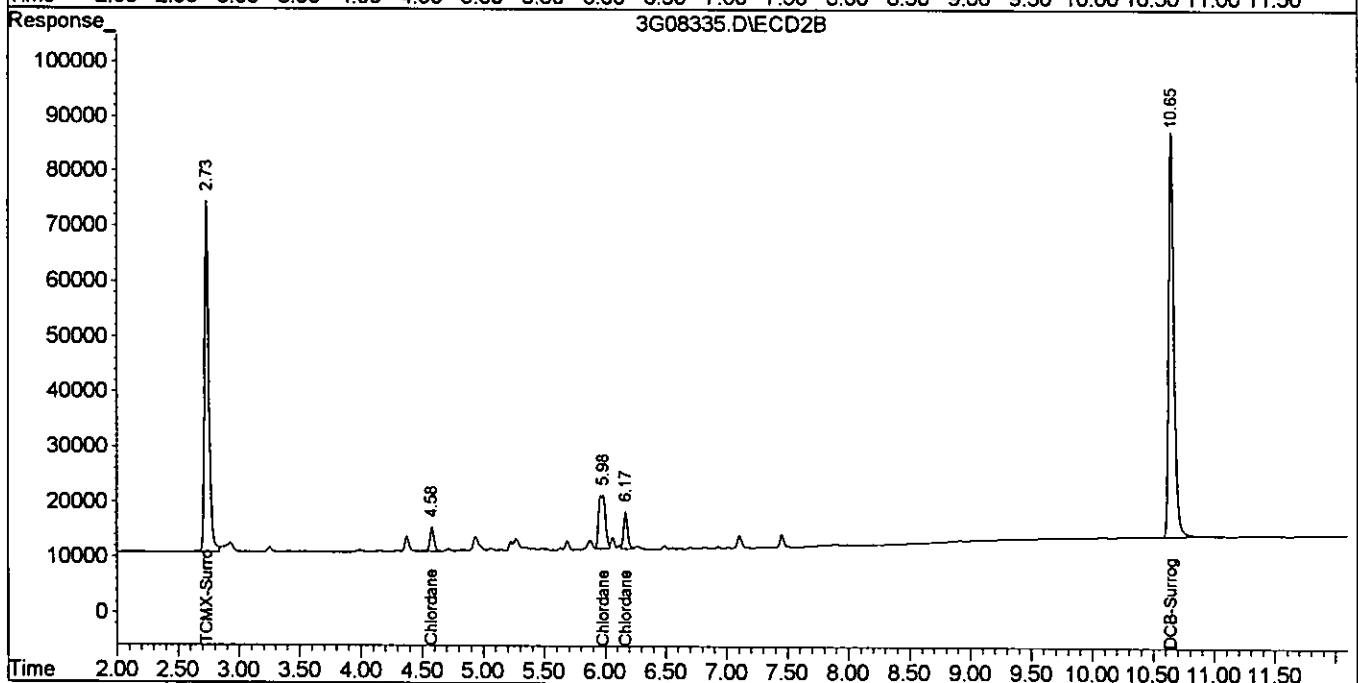
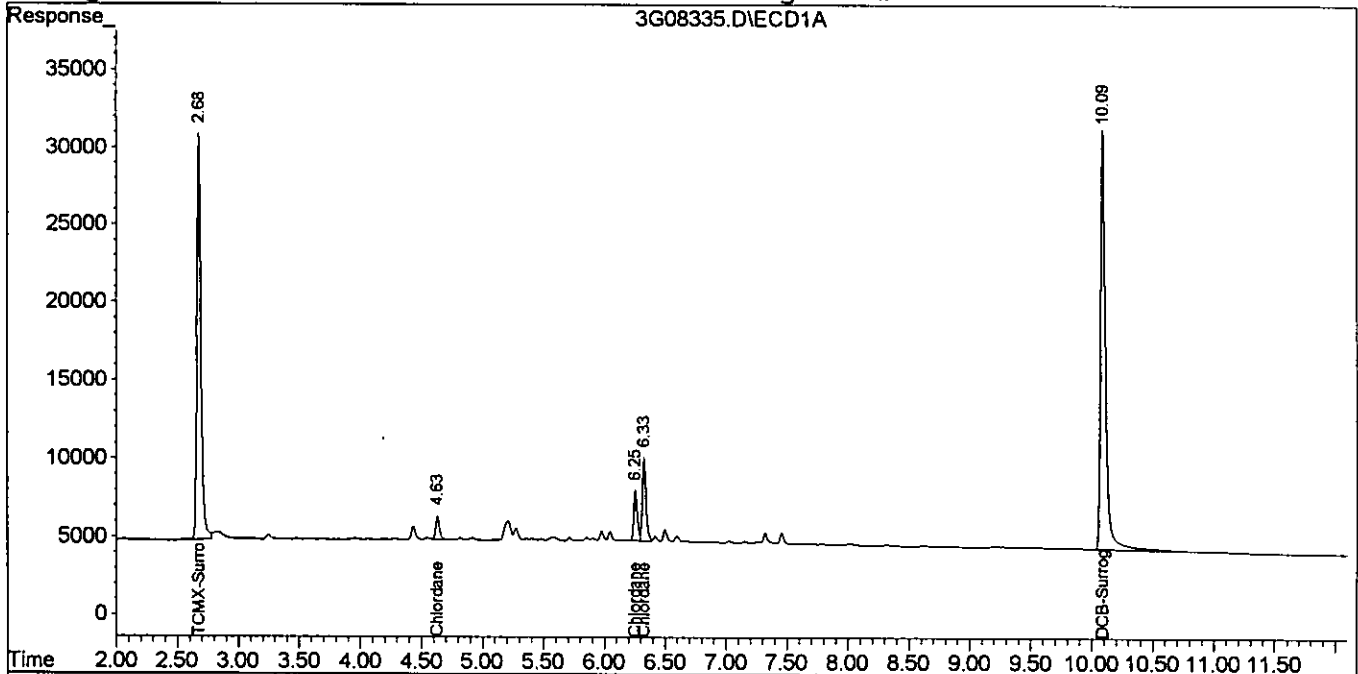
08/12/05

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 Vial: 1
 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

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



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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

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 : 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

08/12/05

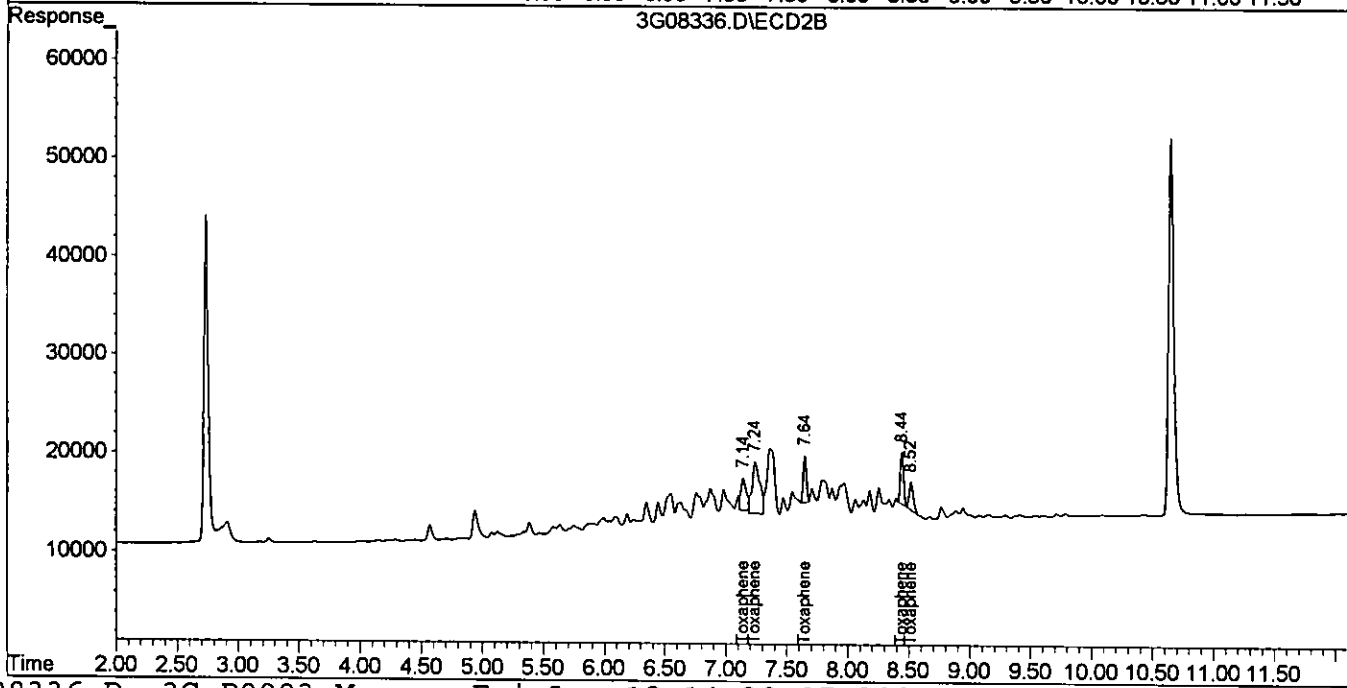
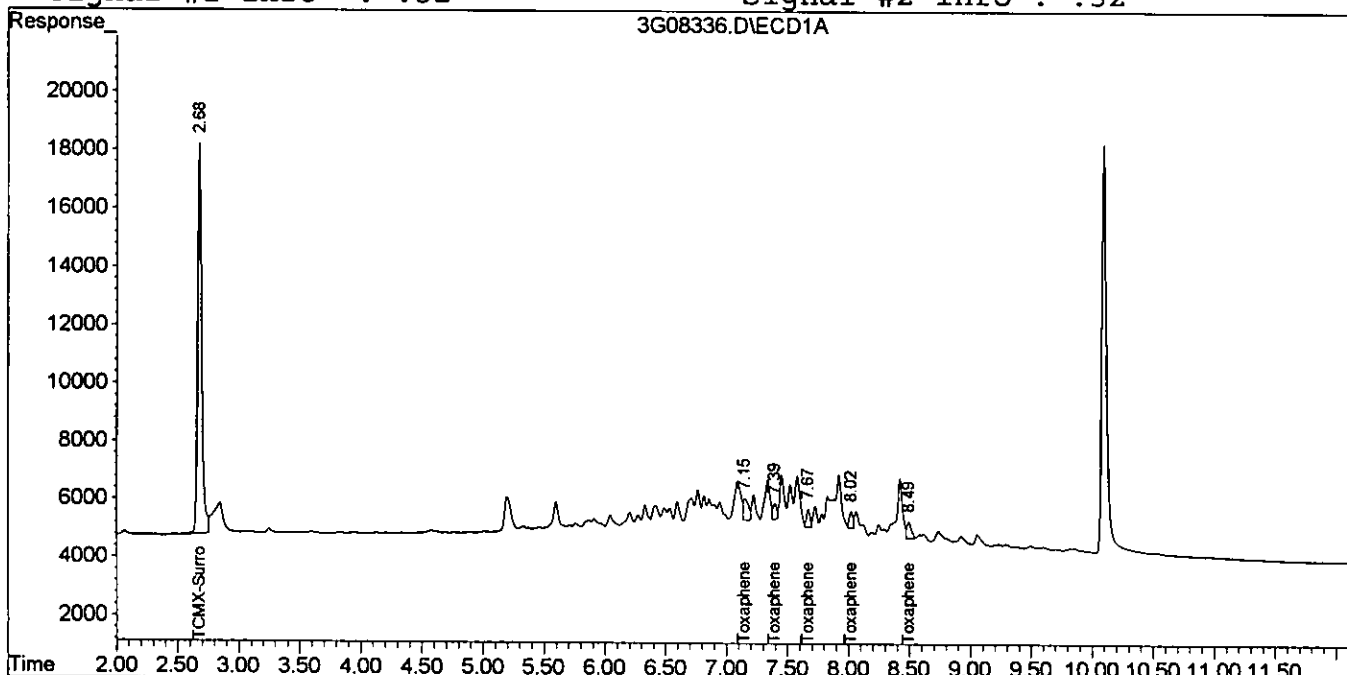
Quantitation Report

1453

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08336.D\ECD1A.CH Signal: 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

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									
								Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8		
1	5G03469.D	CAL PEST@2PPB	08/08/05 07:12	2	5G03470.D	CAL PEST@10PPB	08/08/05 07:30										
3	5G03471.D	CAL PEST@50PPB	08/08/05 07:49	4	5G03472.D	CAL PEST@100PPB	08/08/05 08:00										
5	5G03473.D	CAL PEST@200PPB	08/08/05 08:27	6	5G03474.D	CAL PEST@400PPB	08/08/05 08:46										
7	5G03475.D	CAL CHLOR@100PP	08/08/05 09:05	8	5G03476.D	CAL TOXAPH@500P	08/08/05 09:23										
1	0	Avg	733.23	709.73	887.12	800.81	743.47	736.33	---	---	---	---	---	---	---	---	---
1	0	Avg	798.12	784.65	940.58	915.53	877.00	887.08	---	---	---	---	---	---	---	---	---
1	0	Avg	743.26	722.95	829.96	771.28	731.83	739.35	---	---	---	---	---	---	---	---	---
1	0	Avg	395.79	373.15	386.63	346.25	326.65	327.49	---	---	---	---	---	---	---	---	---
1	0	Avg	631.98	605.34	678.69	611.05	568.44	560.27	---	---	---	---	---	---	---	---	---
1	0	Avg	690.03	690.25	806.35	741.51	710.85	717.82	---	---	---	---	---	---	---	---	---
1	0	Avg	682.82	706.43	849.27	779.37	738.60	740.50	---	---	---	---	---	---	---	---	---
1	0	Avg	620.78	600.43	671.96	610.66	579.10	571.72	---	---	---	---	---	---	---	---	---
1	0	Avg	587.32	667.74	757.42	694.34	664.42	668.00	---	---	---	---	---	---	---	---	---
1	0	Avg	602.18	652.50	745.88	679.29	646.77	647.91	---	---	---	---	---	---	---	---	---
1	0	Avg	564.79	576.57	657.97	597.72	568.42	566.40	---	---	---	---	---	---	---	---	---
1	0	Avg	629.63	668.32	795.98	726.90	696.67	696.05	---	---	---	---	---	---	---	---	---
1	0	Avg	438.12	499.47	566.09	513.37	488.59	486.02	---	---	---	---	---	---	---	---	---
1	0	Avg	434.65	460.16	499.13	450.11	426.78	427.81	---	---	---	---	---	---	---	---	---
1	0	Avg	398.61	472.60	476.06	424.16	405.17	397.91	---	---	---	---	---	---	---	---	---
1	0	Avg	477.31	508.63	569.45	515.23	497.03	499.40	---	---	---	---	---	---	---	---	---
1	0	Avg	330.85	358.85	429.62	403.68	405.90	431.22	---	---	---	---	---	---	---	---	---
1	0	Avg	317.47	257.19	340.86	315.71	304.89	301.02	---	---	---	---	---	---	---	---	---
1	0	Avg	481.23	433.55	494.51	448.79	437.45	438.09	---	---	---	---	---	---	---	---	---
1	0	Avg	170.44	151.55	180.68	165.07	160.06	163.27	---	---	---	---	---	---	---	---	---
1	0	Avg	414.87	413.22	465.45	416.32	403.24	400.93	---	---	---	---	---	---	---	---	---
1	0	Avg	692.82	649.14	777.29	693.88	662.19	657.60	---	---	---	---	---	---	---	---	---
1	1	Avg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1	2	Avg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1	3	Avg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1	4	Avg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1	5	Avg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	0	Avg	637.63	640.47	785.83	717.35	659.98	649.35	---	---	---	---	---	---	---	---	---
2	0	Avg	755.19	840.55	1005.7	946.42	888.28	881.53	---	---	---	---	---	---	---	---	---
2	0	Avg	731.05	748.63	877.60	802.16	754.81	751.44	---	---	---	---	---	---	---	---	---
2	0	Avg	396.66	363.22	382.52	341.71	318.58	315.16	---	---	---	---	---	---	---	---	---
2	0	Avg	607.09	584.77	641.26	580.01	540.15	533.94	---	---	---	---	---	---	---	---	---
2	0	Avg	771.27	760.31	889.48	808.85	767.69	764.60	---	---	---	---	---	---	---	---	---

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. nch/chlordane etc.))
Fit = Indicates whether Ave RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for Linear Fit.
Corr 2 = Correlation Coefficient for Quad Fit.
^Lv1: 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 >= .99
Columns: Signal #1 db-1701 : Signal #2 db-608

Form 6

Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G03469.D	CAL PEST@2PPB	08/08/05 07:12	2	5G03470.D	CAL PEST@10PPB	08/08/05 07:30
3	5G03471.D	CAL PEST@50PPB	08/08/05 07:49	4	5G03472.D	CAL PEST@100PPB	08/08/05 08:08
5	5G03473.D	CAL PEST@200PPB	08/08/05 08:27	6	5G03474.D	CAL PEST@400PPB	08/08/05 08:46
7	5G03475.D	CAL CHLOR@100PP	08/08/05 09:05	8	5G03476.D	CAL TOXAPH@500P	08/08/05 09:23

Compound	Col	Mr	Fit:	Calibration Level Concentrations																				
				RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	622.39	663.49	787.78	717.69	675.45	671.06	---	---	690.905	0.999	0.999	8.2	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Heptachlor Epoxide	2	0	Avg	596.41	603.79	689.65	625.98	593.97	585.84	---	---	616.975	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
γ-chlordane	2	0	Avg	623.91	612.79	698.45	632.36	600.81	599.70	---	---	628.994	0.999	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
α-chlordane	2	0	Avg	661.10	616.61	680.99	615.04	582.48	580.26	---	---	623.1014	0.999	1.00	6.6	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endosulfan I	2	0	Avg	599.76	583.13	656.50	594.82	561.66	557.93	---	---	592.1019	0.999	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
p,p'-DDE	2	0	Avg	569.32	584.99	690.61	628.21	599.27	597.07	---	---	612.1041	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Dieldrin	2	0	Avg	476.86	500.81	584.71	536.34	516.03	521.94	---	---	523.1056	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endrin	2	0	Avg	419.97	413.82	468.54	428.33	409.30	416.46	---	---	426.1102	1.00	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
p,p'-DDD	2	0	Avg	337.68	370.04	417.72	379.28	366.14	365.94	---	---	373.1107	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endosulfan II	2	0	Avg	432.81	497.64	574.56	518.12	498.79	499.61	---	---	504.1122	1.00	1.00	9.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
p,p'-DDT	2	0	Avg	368.85	382.42	456.32	420.68	413.78	423.52	---	---	411.1143	1.00	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endrin Aldehyde	2	0	Avg	418.25	414.83	430.32	387.72	376.08	374.18	---	---	400.1160	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endosulfan Sulfate	2	0	Avg	425.98	431.41	498.18	452.30	441.16	444.02	---	---	449.1174	1.00	1.00	5.8	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Methoxychlor	2	0	Avg	156.30	149.64	171.49	156.09	151.51	154.40	---	---	157.1243	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Endrin Ketone	2	0	Avg	461.61	485.71	564.15	513.45	502.04	505.39	---	---	505.1270	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
DCB-Surrrogate	2	0	Avg	718.35	600.94	677.46	597.39	565.00	556.97	---	---	619.1431	0.999	0.999	10	2.00	10.00	50.00	100.0	200.0	400.0	400.0	400.0	400.0
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	32.3861	-1	-1	Lvl=7	100.0	---	---	---	---	---	---	---	---
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	133.994	-1	-1	Lvl=7	100.0	---	---	---	---	---	---	---	---
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	52.81014	-1	-1	Lvl=7	100.0	---	---	---	---	---	---	---	---
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	4.401068	-1	-1	Lvl=8	500.0	---	---	---	---	---	---	---	---
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	2.761134	-1	-1	Lvl=8	500.0	---	---	---	---	---	---	---	---
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	6.781149	-1	-1	Lvl=8	500.0	---	---	---	---	---	---	---	---
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	7.021221	-1	-1	Lvl=8	500.0	---	---	---	---	---	---	---	---
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	6.661228	-1	-1	Lvl=8	500.0	---	---	---	---	---	---	---	---

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.

All Response Factors = Response Factors / 10000
 Initial Calibration Criteria: either %RSD <=20 or Corr >= .99507
 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 #

1451

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

08/12/05

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

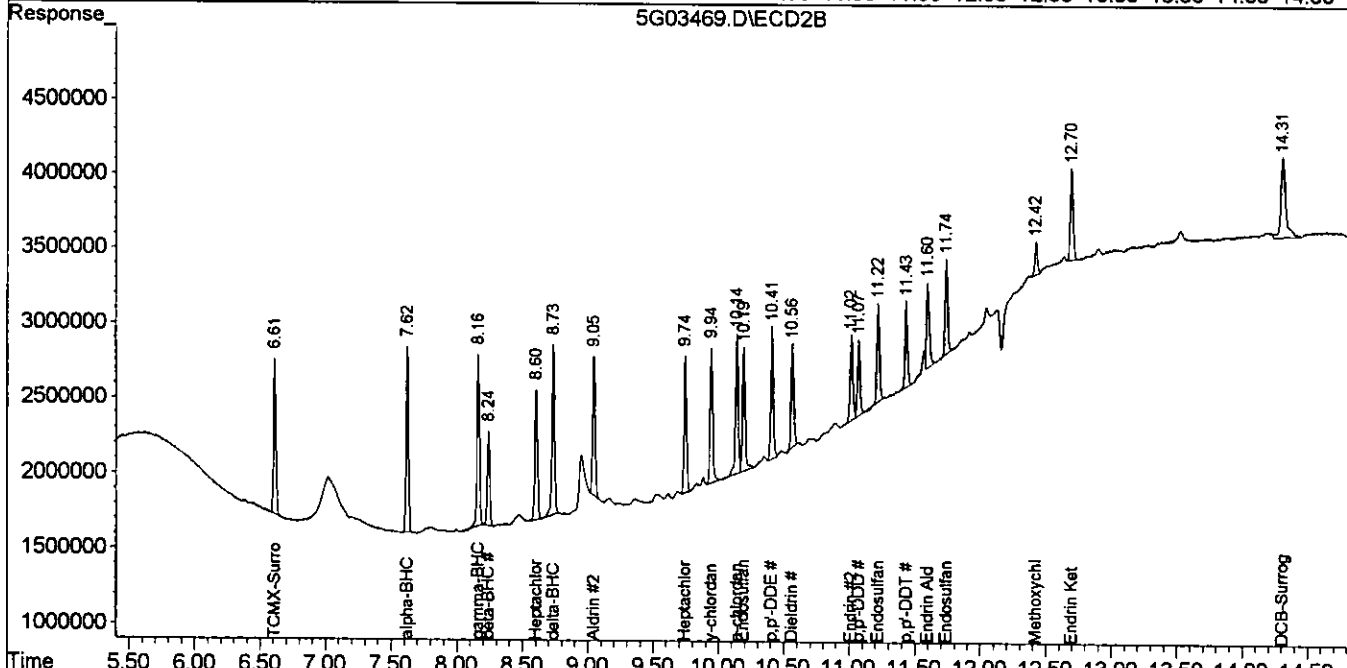
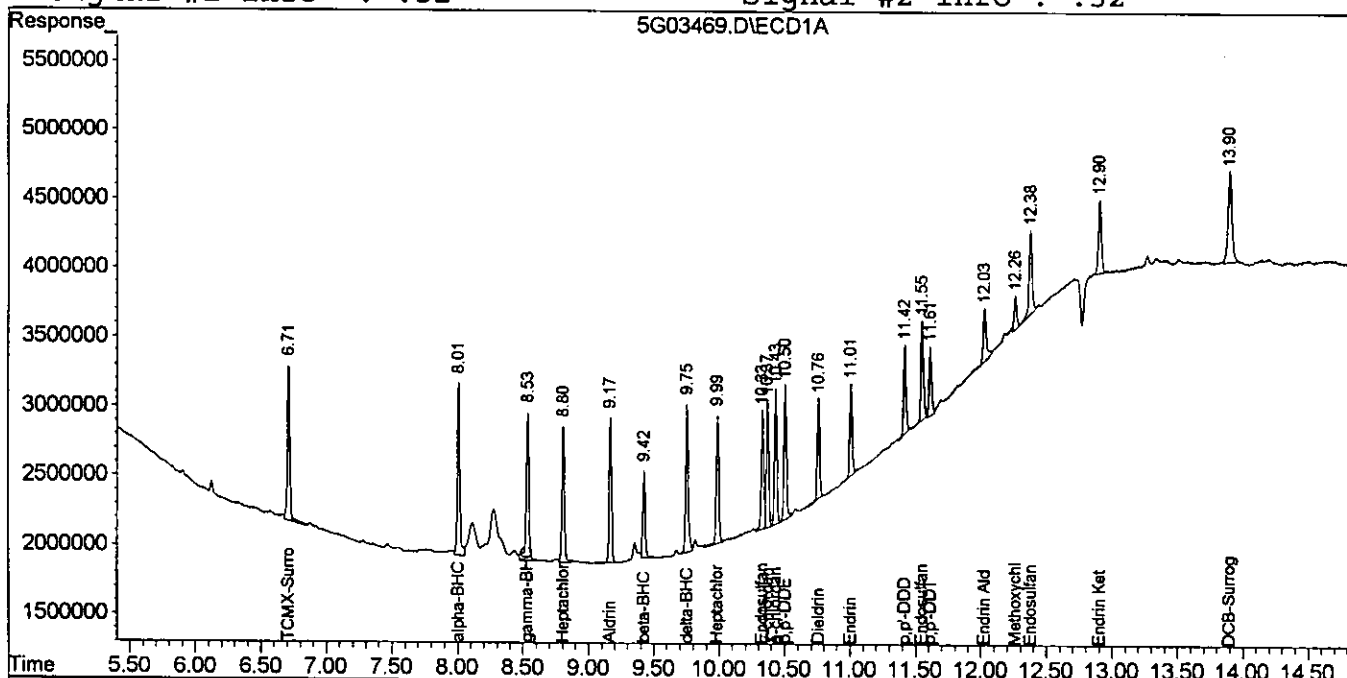
Quantitation Report

1471

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

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 #1 Info : .32
 Signal #2 Phase : db-608
 Signal #2 Info : .32



1458

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03470.D\ECD1A.CH
 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

08/12/05

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

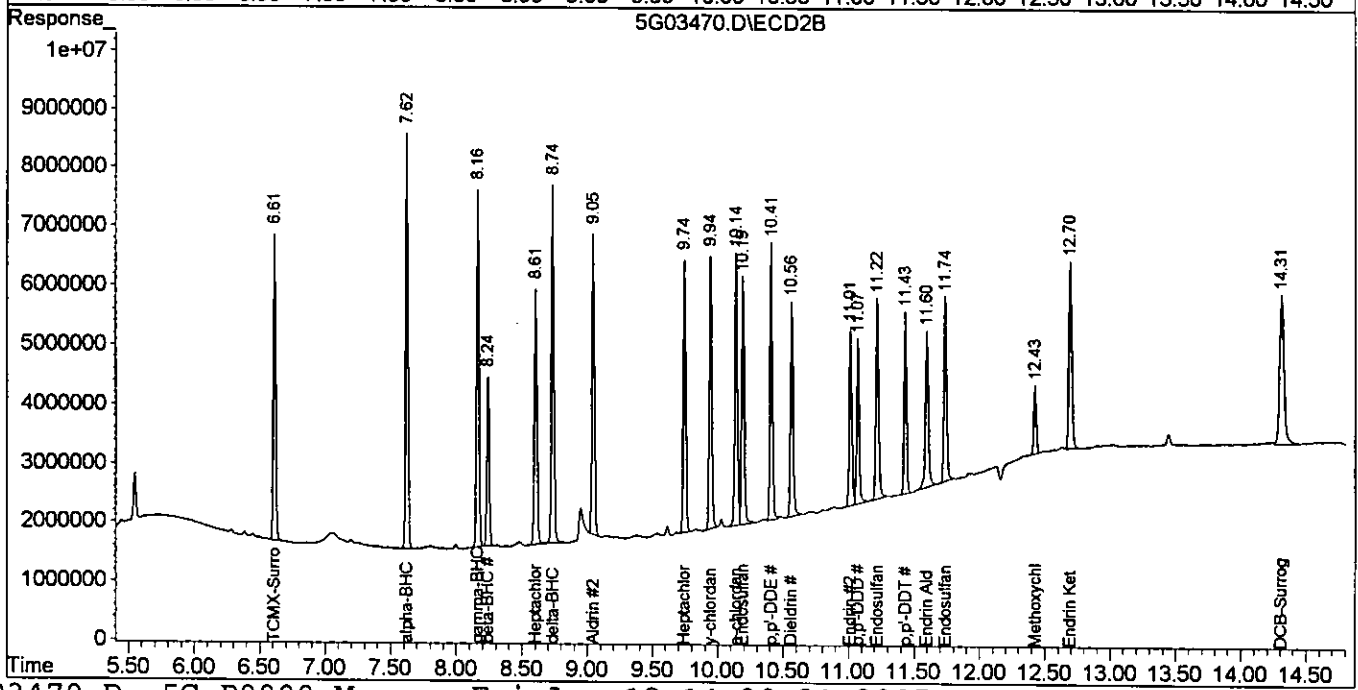
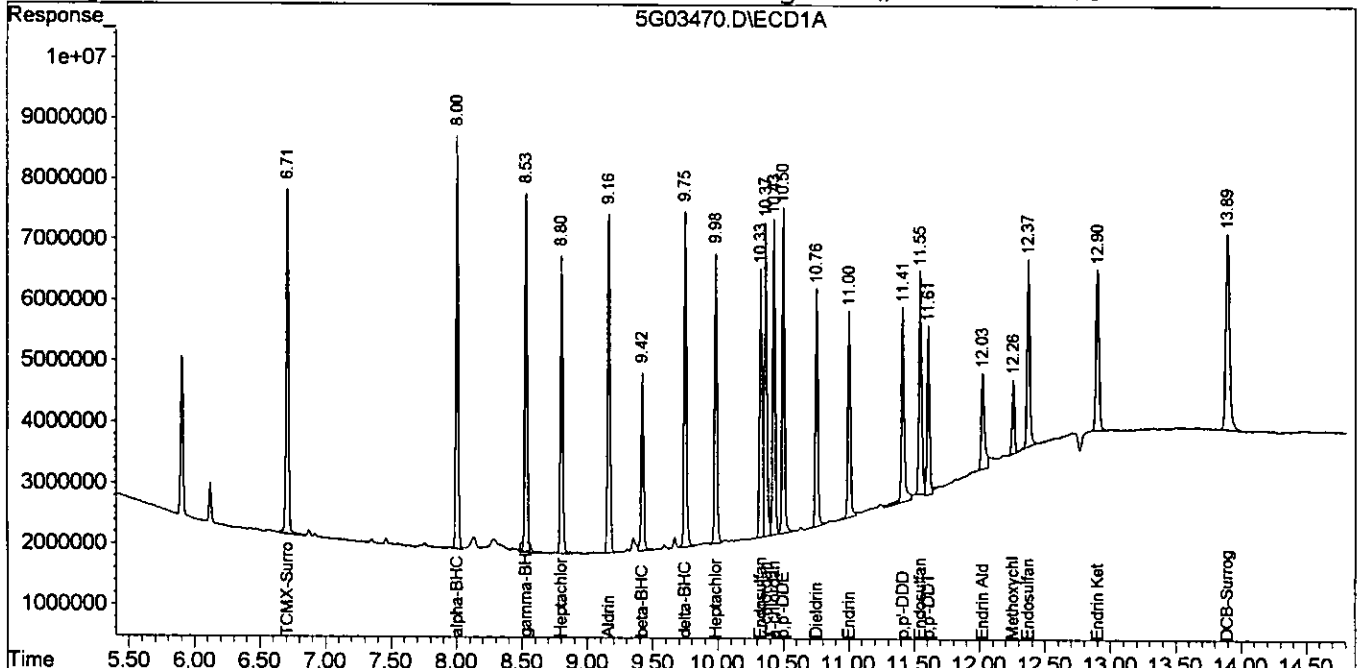
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	70973650	64047008	11.468	9.924
2) alpha-BHC	8.00	7.62	78465196	84055992	11.592	10.405
3) gamma-BHC	8.53	8.16	72295529	74863051	12.671	11.148
4) beta-BHC	9.42	8.24	37315773	36322297	14.150	11.925
5) Heptachlor	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

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

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



1471

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

08/12/05

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

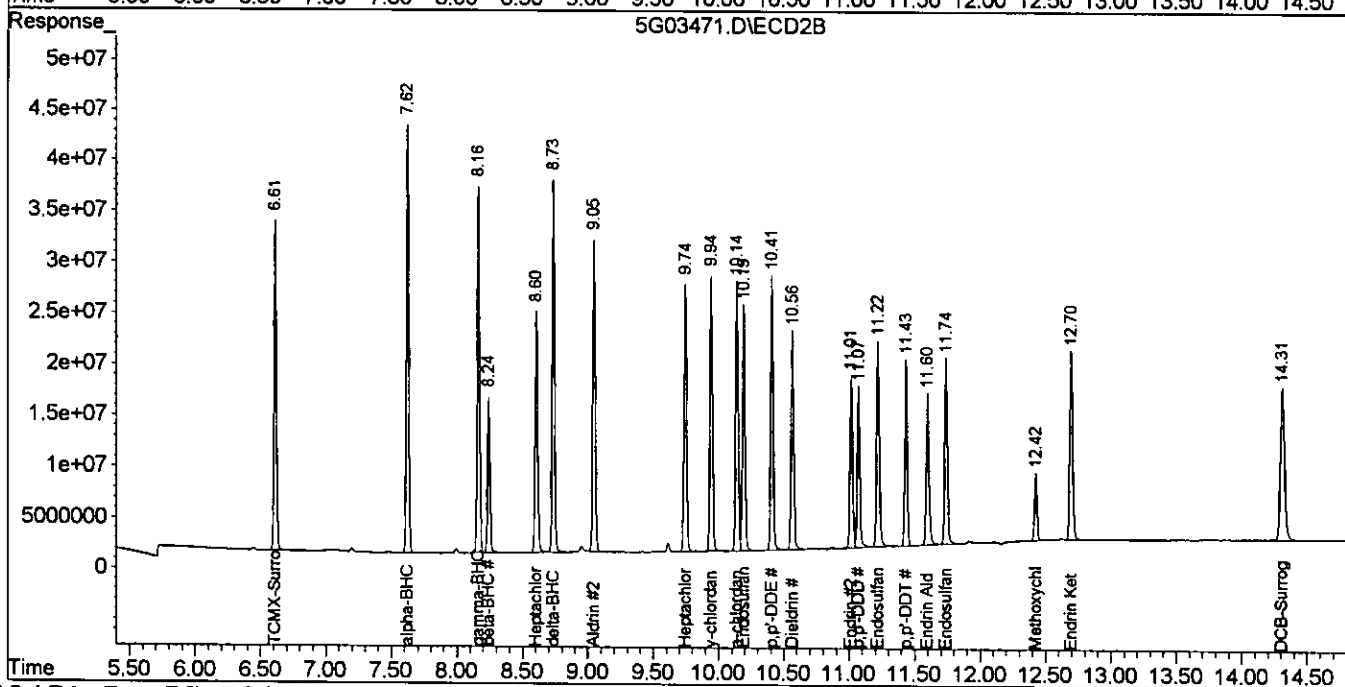
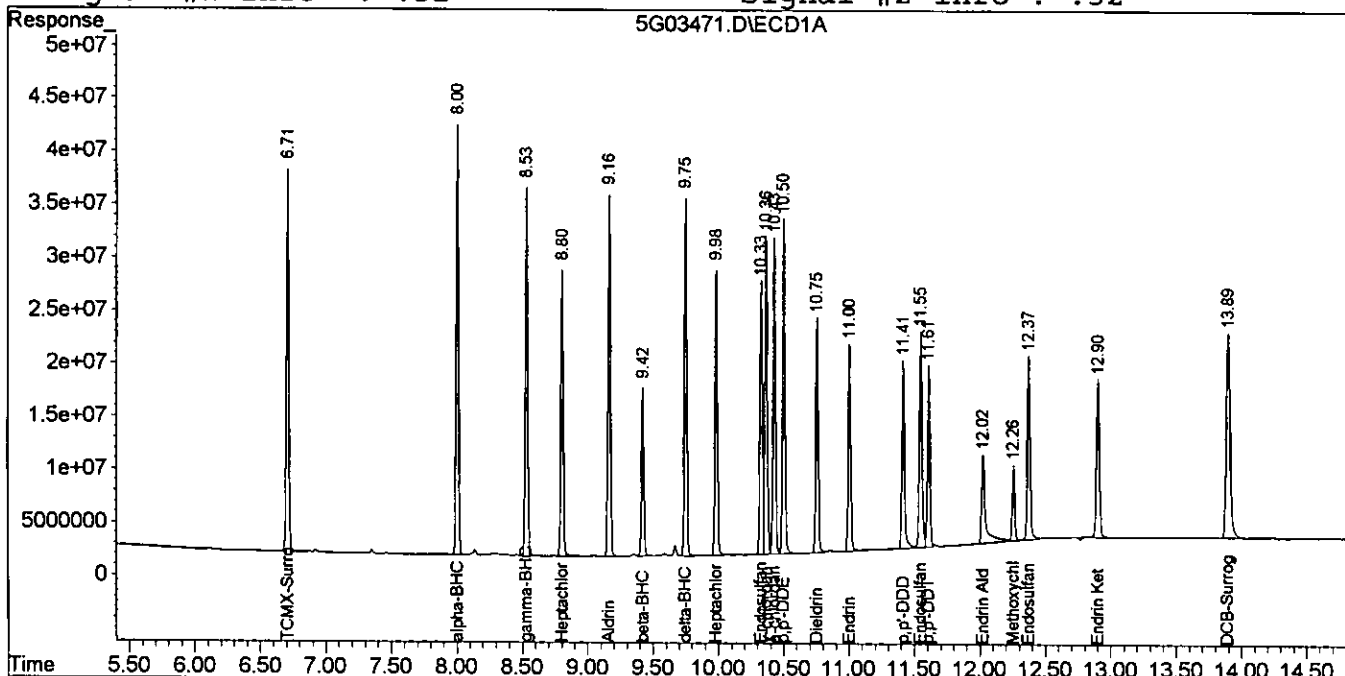
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	443.6E6	392.9E6	71.669	60.880
2) alpha-BHC	8.00	7.62	470.3E6	502.9E6	69.478	62.252
3) gamma-BHC	8.53	8.16	415.0E6	438.8E6	72.732	65.341
4) beta-BHC	9.42	8.24	193.3E6	191.3E6	73.306	62.794
5) Heptachlor	8.80	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

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

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



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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

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

08/12/05

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

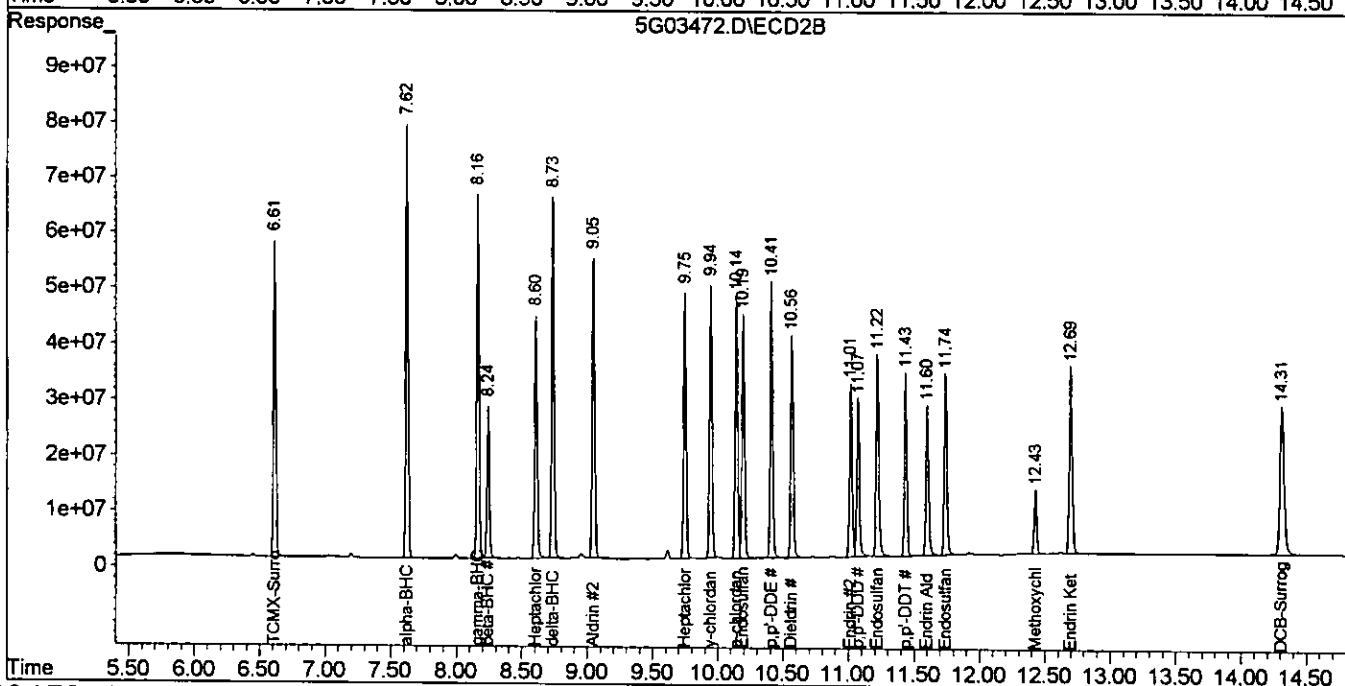
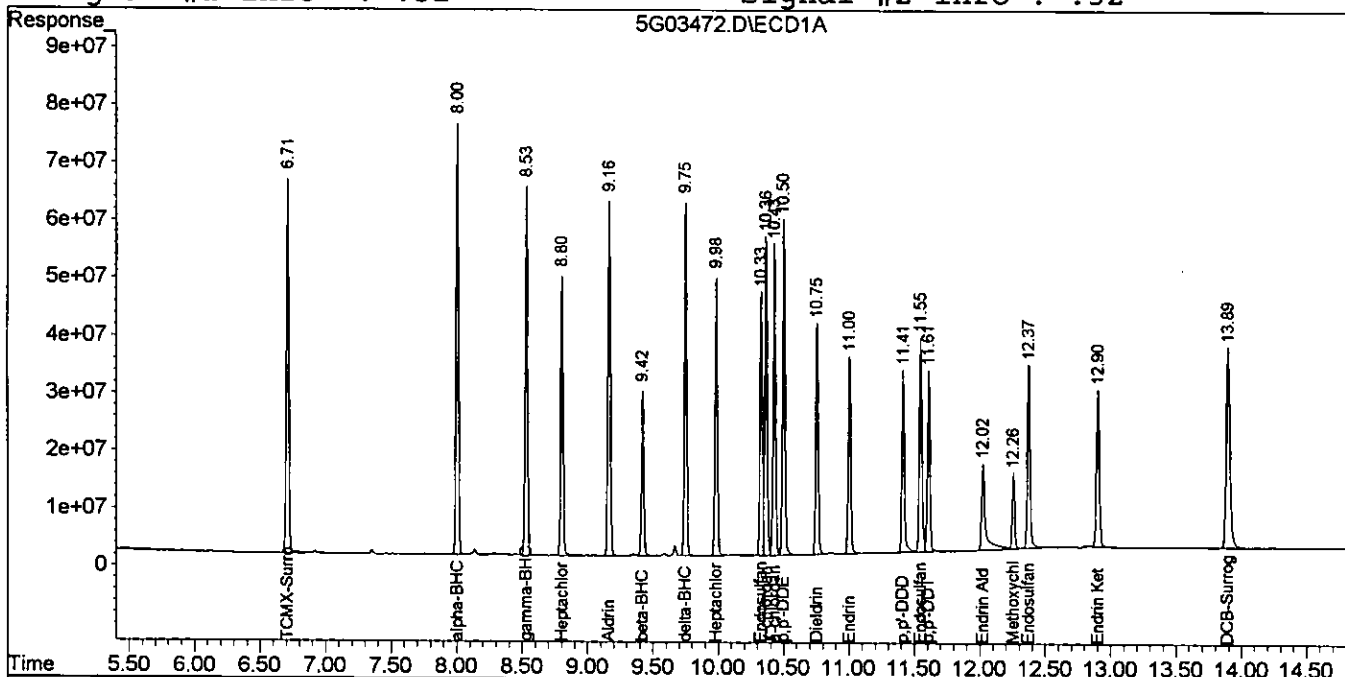
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	800.8E6	717.4E6	129.392	111.150
2) alpha-BHC	8.00	7.62	915.5E6	946.4E6	135.256	117.158
3) gamma-BHC	8.53	8.16	771.3E6	802.2E6	135.180	119.449
4) beta-BHC	9.42	8.24	346.3E6	341.7E6	131.300	112.188
5) Heptachlor	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

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 Vial: 3
 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

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\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

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

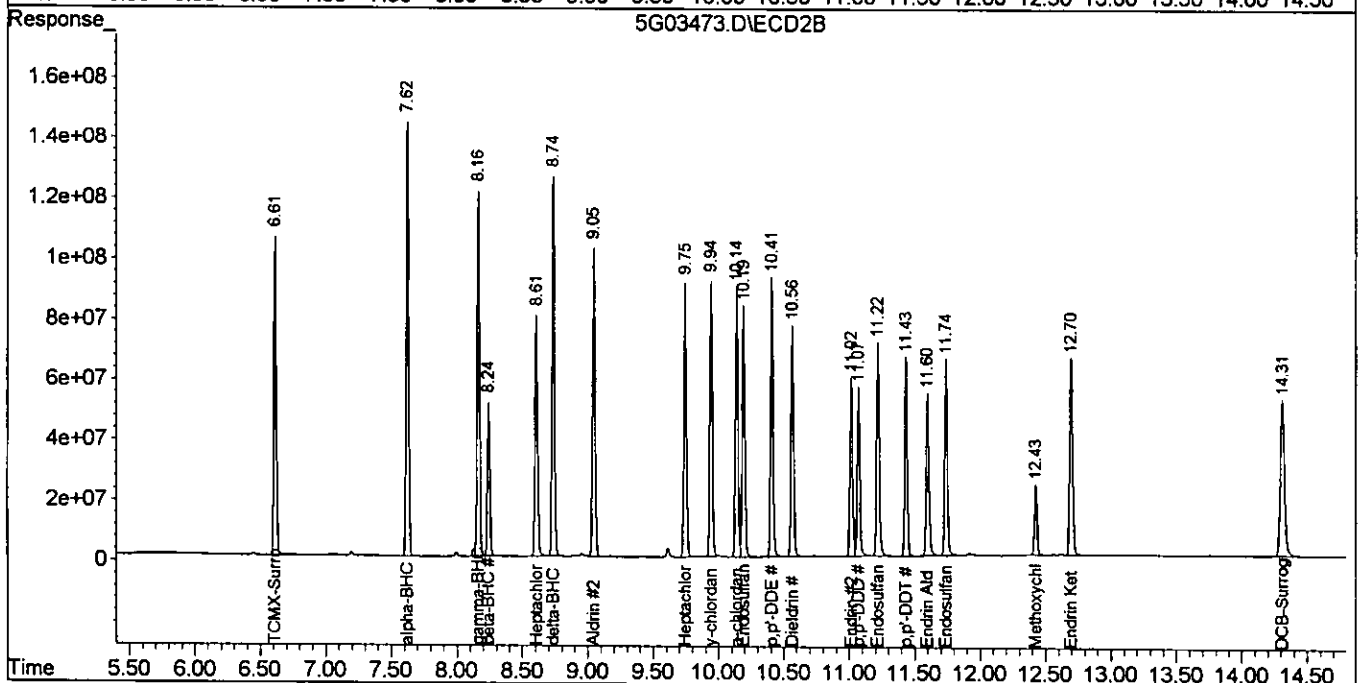
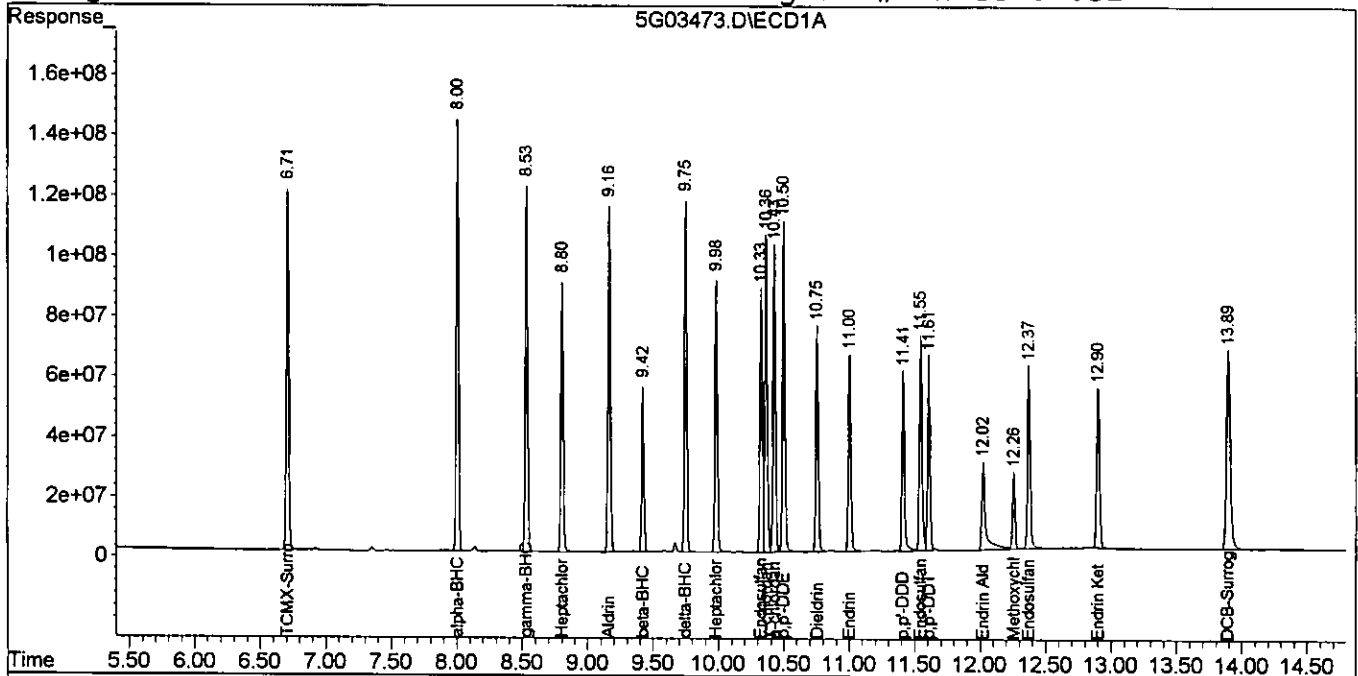
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	6.71	6.61	1486.9E6	1320.0E6	240.254	204.523
2) alpha-BHC	8.00	7.62	1754.0E6	1776.6E6	259.126	219.921
3) gamma-BHC	8.53	8.16	1463.7E6	1509.6E6	256.531	224.795
4) beta-BHC	9.42	8.24	653.3E6	637.2E6	247.735	209.185
5) Heptachlor	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

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 Vial: 5
 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

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



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Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD1A.CH
 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

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 : 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

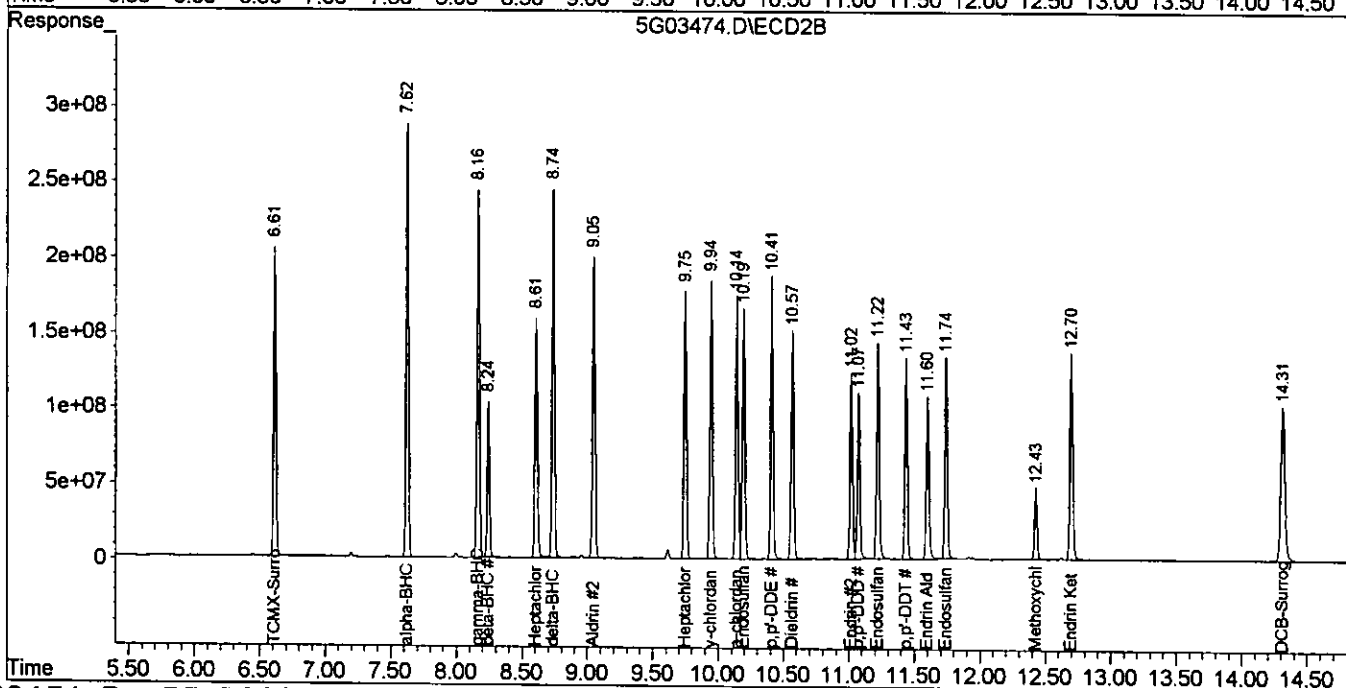
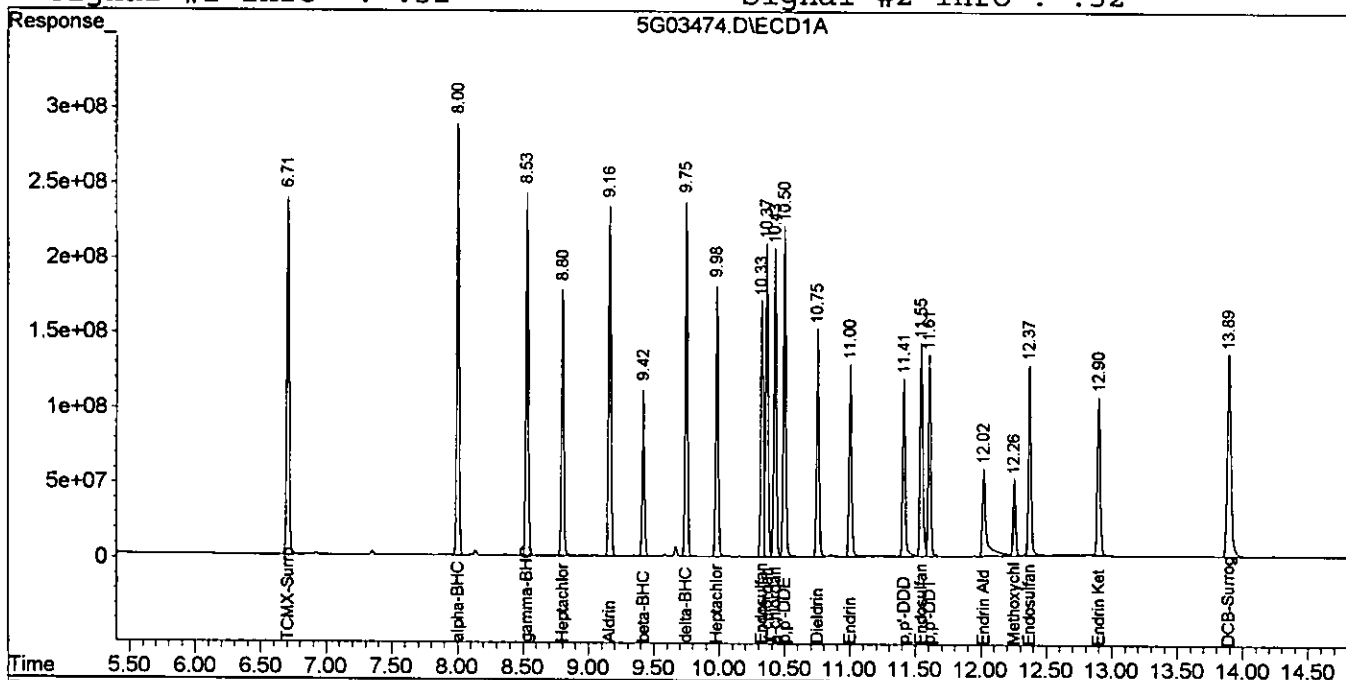
08/12/05

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 L 471
 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

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



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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

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

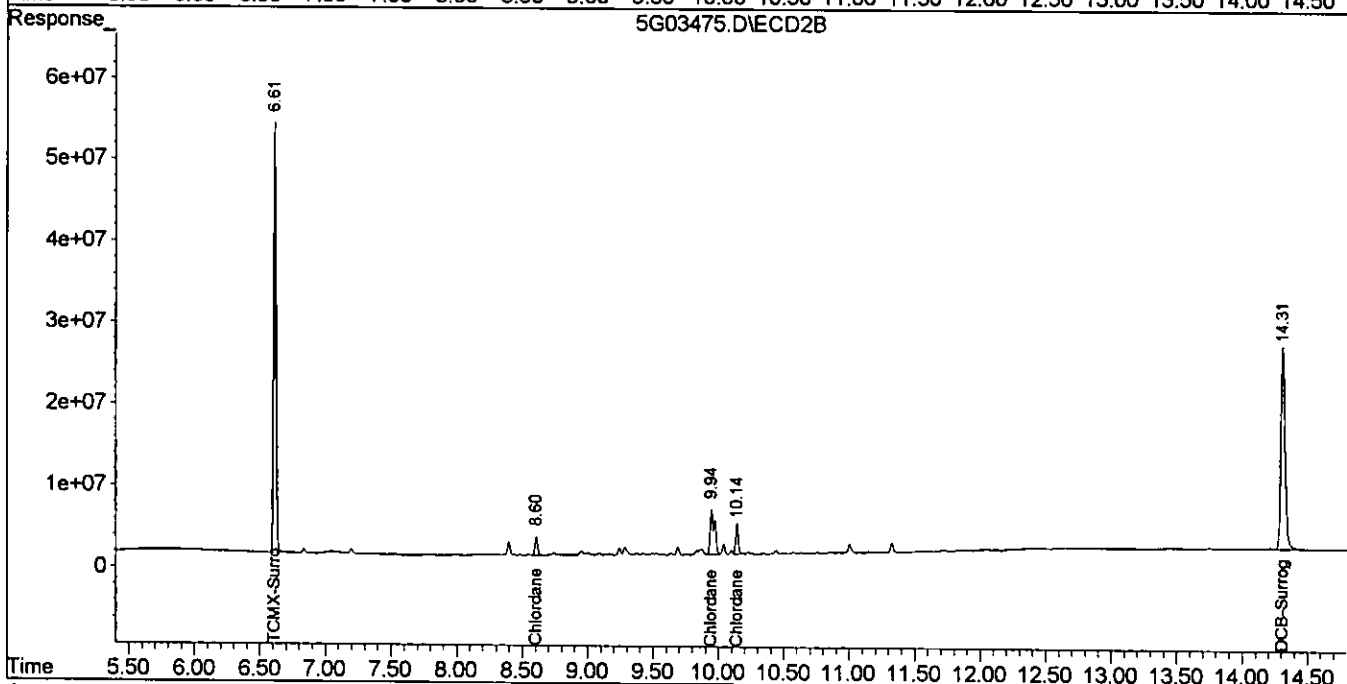
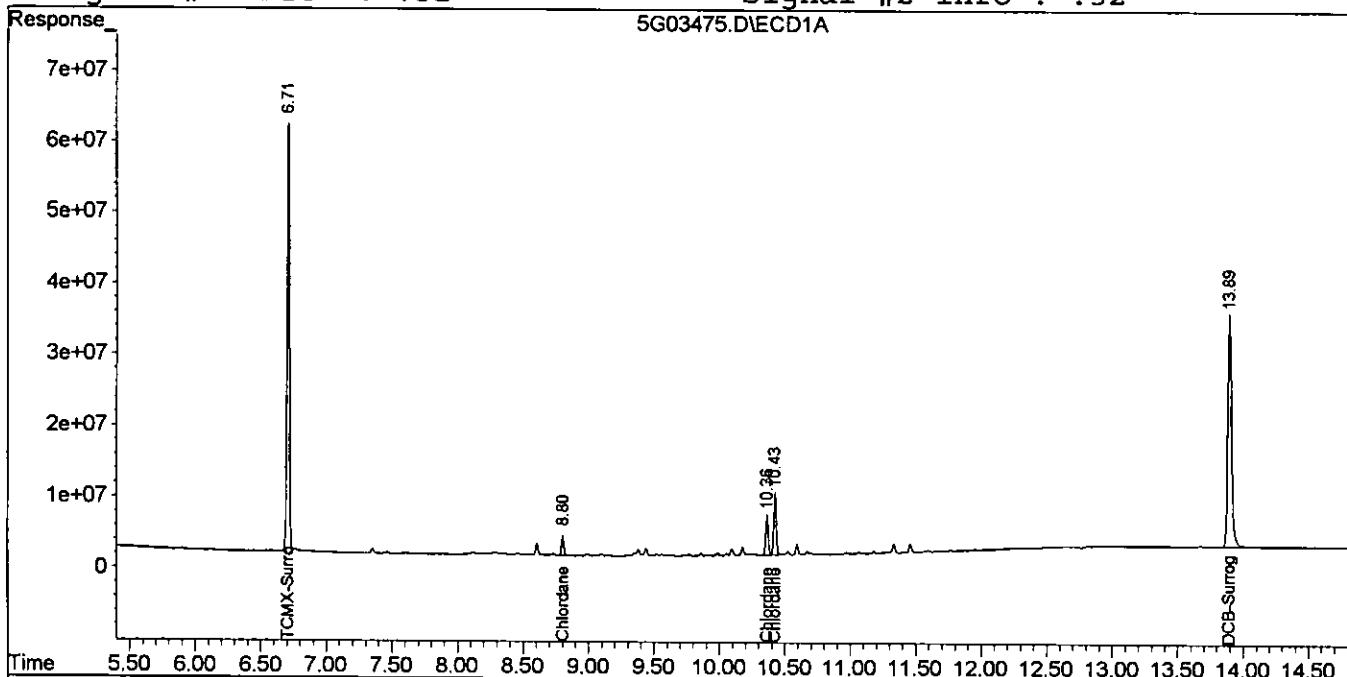
08/12/05

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

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



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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

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

08/12/05

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

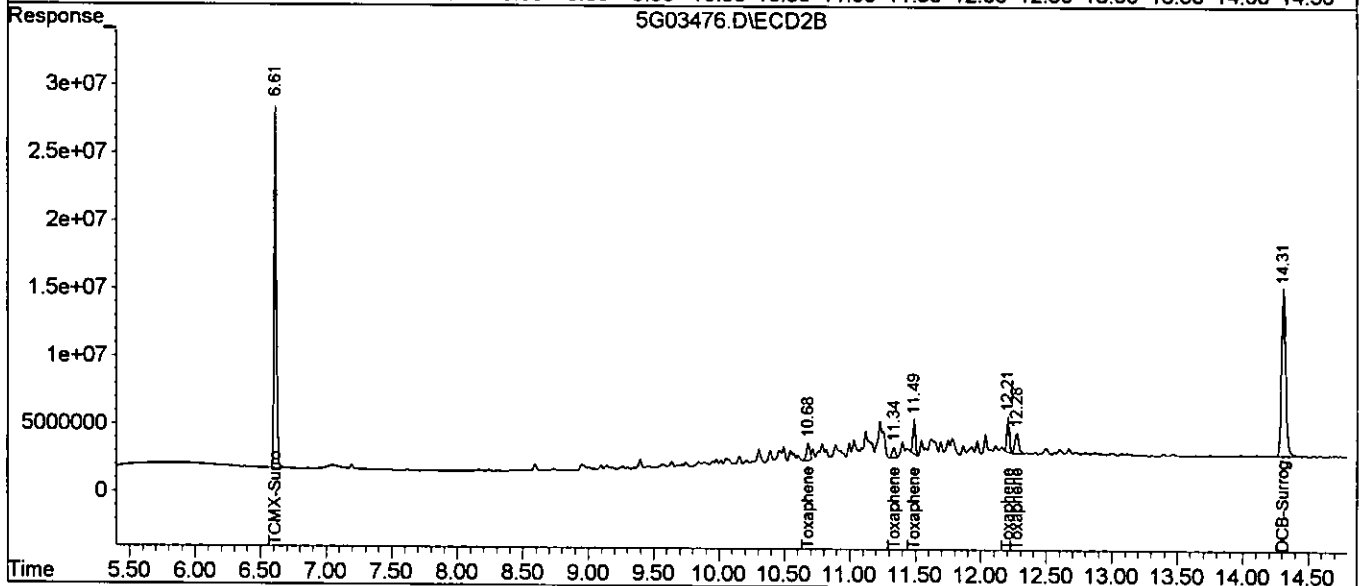
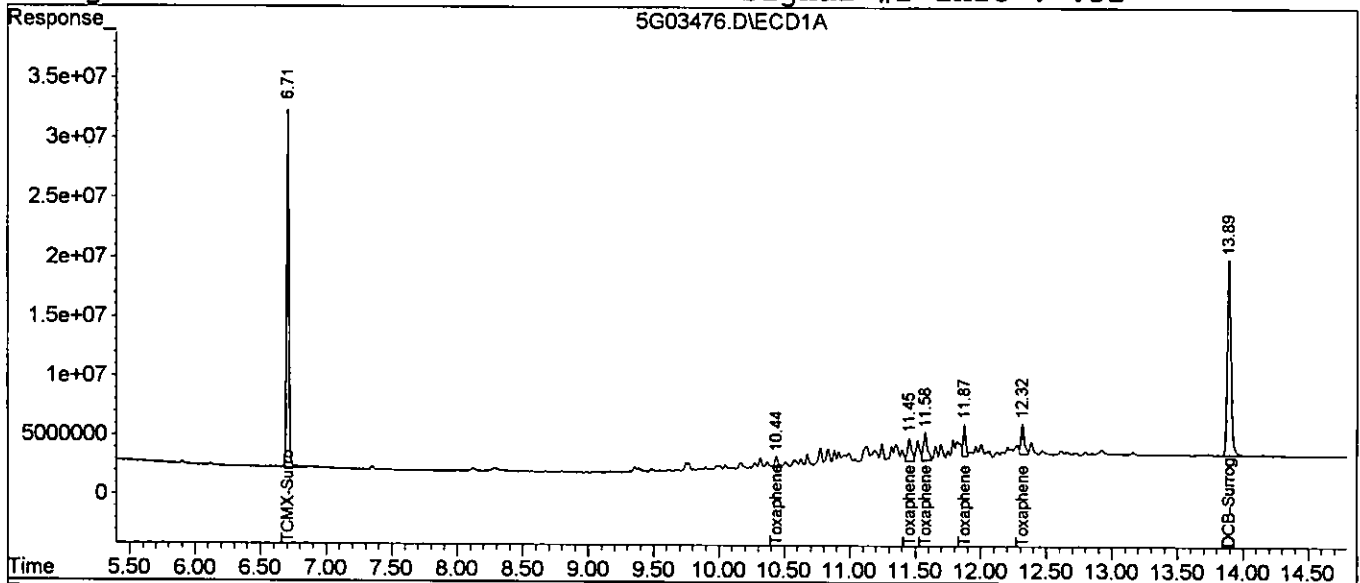
Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD1A.CH Vial: 10
 Acq On : 8-8-05 9:23:53 Operator: JK
 Sample : CAL TOXAPH@500PPB Inst : GC_5
 Misc : S,PEST Multiplr: 1.00
 IntFile : PEST1.E

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

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

Compound	Limit	Col	Mr	3G08505.D 8081 CALPEST@100PP 08/10/05 05:31			3G08527.D 8081 CAL PEST@50PPB 08/10/05 12:05			5G03491.D 8081 CAL PEST@100PP 08/08/05 14:15			5G03493.D 8081 CAL PEST@10PPB 08/10/05 05:23			5G03510.D 8081 CAL PEST@50PPB 08/10/05 12:15		
				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	107.7	100	7.7	46.76	50	6.5	107.3	100	7.3	9.62	10	3.8	42.57	50	14.9
alpha-BHC	15	1	0	107.6	100	7.6	43.53	50	12.9	113.0	100	13.0	8.96	10	10.4	43.25	50	13.5
gamma-BHC	15	1	0	109.2	100	9.2	45.6	50	8.8	111.5	100	11.5	9.33	10	6.7	45.94	50	8.1
beta-BHC	15	1	0	106.8	100	6.8	46.6	50	6.8	103.7	100	3.7	10.11	10	1.1	44.77	50	10.5
Heptachlor	15	1	0	106	100	6.0	48.68	50	2.6	105.1	100	5.1	9.97	10	0.3	45.76	50	8.5
delta-BHC	15	1	0	102.8	100	2.8	43.81	50	12.4	113.4	100	13.4	9.44	10	5.6	48.15	50	3.7
Aldrin	15	1	0	112.0	100	12.0	45.42	50	9.2	106.1	100	6.1	8.98	10	10.2	45.29	50	9.4
Heptachlor Epoxide	15	1	0	110.7	100	10.7	47.83	50	4.3	110.1	100	10.1	9.95	10	0.5	48	50	4.0
gamma-chlordane	15	1	0	114.7	100	14.7	46.73	50	6.5	111.3	100	11.3	9.38	10	6.2	46.1	50	7.8
alpha-chlordane	15	1	0	111.5	100	11.5	48.36	50	3.3	109	100	9.0	9.82	10	1.8	46.13	50	7.7
Endosulfan I	15	1	0	115.8	100	15.8*	46.94	50	6.1	111.6	100	11.6	9.25	10	7.5	48.24	50	3.5
p,p'-DDE	15	1	0	113.3	100	13.3	49.27	50	1.5	109.5	100	9.5	9.54	10	4.6	45.93	50	8.1
Dieldrin	15	1	0	97.65	100	2.3	47.66	50	4.7	114.6	100	14.6	10.51	10	5.1	52.57	50	5.1
Endrin	15	1	0	97.36	100	2.6	48.51	50	3.0	116.1	100	16.1*	10.29	10	2.9	52.9	50	5.8
p,p'-DDD	15	1	0	90.93	100	9.1	47.56	50	4.9	112.3	100	12.3	10.24	10	2.4	51.2	50	2.4
Endosulfan II	15	1	0	107.1	100	7.1	46.27	50	7.5	112.1	100	12.1	10.47	10	4.7	51.3	50	2.6
p,p'-DDT	15	1	0	104.9	100	4.9	40.23	50	19.5*	114.0	100	14.0	9.23	10	7.7	45.69	50	8.6
Endrin Aldehyde	15	1	0	96.7	100	3.3	46.18	50	7.6	110.2	100	10.2	9.22	10	7.8	55.71	50	11.4
Endosulfan Sulfate	15	1	0	98.3	100	1.7	46.39	50	7.2	111.4	100	11.4	9.46	10	5.4	56.11	50	12.2
Methoxychlor	15	1	0	80.59	100	19.4*	43.25	50	13.5	109.6	100	9.6	8.68	10	13.2	57.27	50	14.5
Endrin Ketone	15	1	0	93.87	100	6.1	43.19	50	13.6	112.1	100	12.1	9.94	10	0.6	54.1	50	8.2
DCB-Surrogate	15	1	0	98.7	100	1.3	46.53	50	6.9	102	100	2.0	9.85	10	1.5	51.35	50	2.7
Average Difference	15	1	0			8.0			7.7			10.3			5.0			7.9
TCMX-Surrogate	15	2	0	104.7	100	4.7	48.11	50	3.8	104.9	100	4.9	9.91	10	0.9	42.32	50	15.4
alpha-BHC	15	2	0	97.97	100	2.0	44.8	50	10.4	106.5	100	6.5	9.68	10	3.2	40.84	50	18.3*
gamma-BHC	15	2	0	94.59	100	5.4	47.12	50	5.8	105.7	100	5.7	9.65	10	3.5	41.56	50	16.9*
beta-BHC	15	2	0	105.8	100	5.8	50.5	50	1.0	96.59	100	3.4	10.43	10	4.3	40.56	50	18.9*
Heptachlor	15	2	0	81.54	100	18.5*	46.11	50	7.8	98.3	100	1.7	9.95	10	0.5	39.07	50	21.9*
delta-BHC	15	2	0	95.41	100	4.6	48.96	50	2.1	103.9	100	3.9	9.52	10	4.8	42.81	50	14.4
Aldrin	15	2	0	99.87	100	0.1	45.7	50	8.6	104.6	100	4.6	9.85	10	1.5	42.17	50	15.7*
Heptachlor Epoxide	15	2	0	99.57	100	0.4	47.82	50	4.4	104.2	100	4.2	9.48	10	5.2	43.13	50	13.7
gamma-chlordane	15	2	0	101.2	100	1.2	47.95	50	4.1	102.7	100	2.7	10.07	10	0.7	42.91	50	14.2
alpha-chlordane	15	2	0	108.7	100	8.7	47.76	50	4.5	94.8	100	5.2	10.11	10	1.1	42.64	50	14.7
Endosulfan I	15	2	0	101.4	100	1.3	47.29	50	5.4	100.4	100	0.4	9.91	10	0.9	42.67	50	14.7
p,p'-DDE	15	2	0	101.8	100	1.8	47.5	50	5.0	104	100	3.9	9.81	10	1.9	44.28	50	11.4
Dieldrin	15	2	0	93.41	100	6.6	46.38	50	7.2	114.0	100	14.0	8.88	10	11.2	49.56	50	0.9
Endrin	15	2	0	87.84	100	12.2	47.8	50	4.4	117.7	100	17.7*	9.67	10	3.3	50.91	50	1.8
p,p'-DDD	15	2	0	84.96	100	15.0	45.1	50	9.8	114.4	100	14.4	10.32	10	3.2	52.23	50	4.5
Endosulfan II	15	2	0	99.24	100	0.8	46.25	50	7.5	107.1	100	7.1	10.08	10	0.8	46.69	50	6.6
p,p'-DDT	15	2	0	85.85	100	14.2	42.96	50	14.1	105.7	100	5.7	9.72	10	2.8	47.86	50	4.3
Endrin Aldehyde	15	2	0	98.17	100	1.8	44.59	50	10.8	102.0	100	2.0	9.81	10	1.9	49.86	50	0.3
Endosulfan Sulfate	15	2	0	97.84	100	2.2	46.26	50	7.5	109.1	100	9.1	9.19	10	8.1	49.4	50	1.2
Methoxychlor	15	2	0	65.57	100	34.4*	50.2	50	0.4	113.3	100	13.3	9.4	10	6.0	57.06	50	14.1
Endrin Ketone	15	2	0	90.92	100	9.1	44.78	50	10.4	108.7	100	8.7	9.17	10	8.3	50.74	50	1.5
DCB-Surrogate	15	2	0	94.92	100	5.1	46.12	50	7.8	95.62	100	4.4	9.21	10	7.9	48.52	50	3.0
Average Difference	15	2	0			7.1			6.5			6.5			3.7			10.4

Flags/Notes:

* - Values outside of limits for this column/run

Columns: Col1 db-1701 : Col2 db-17

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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

28/12/05

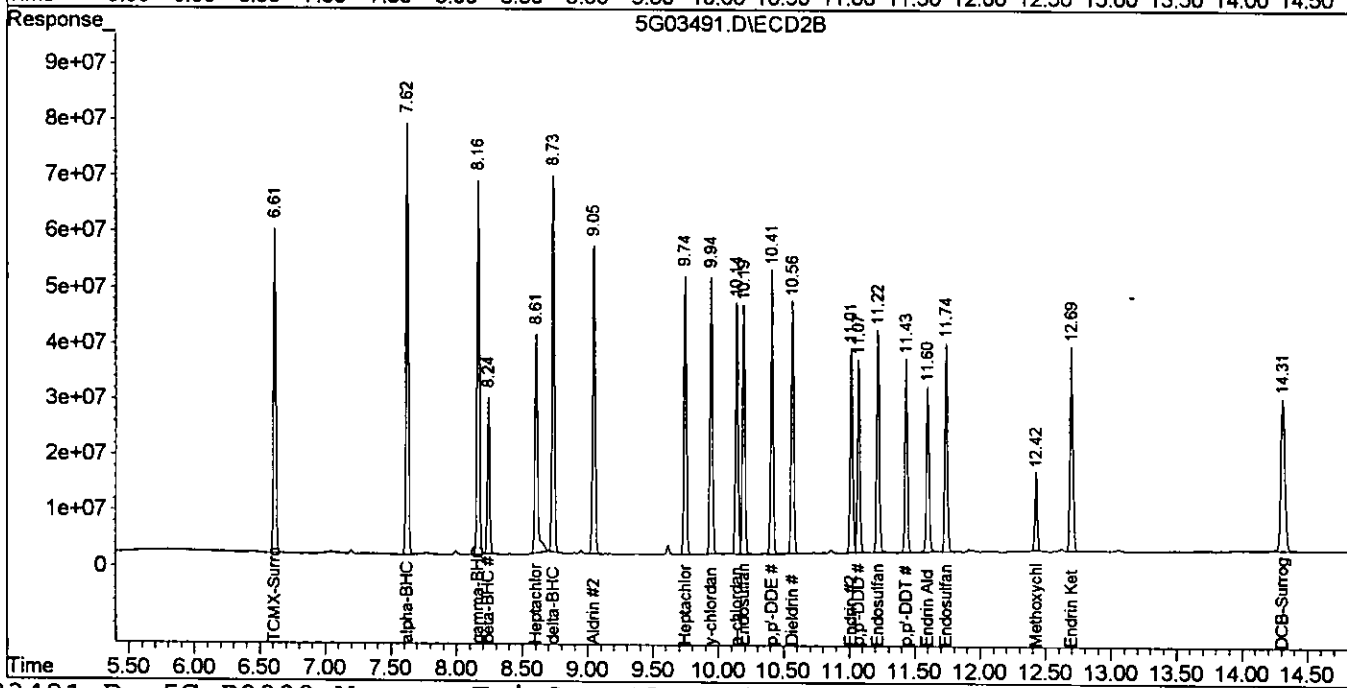
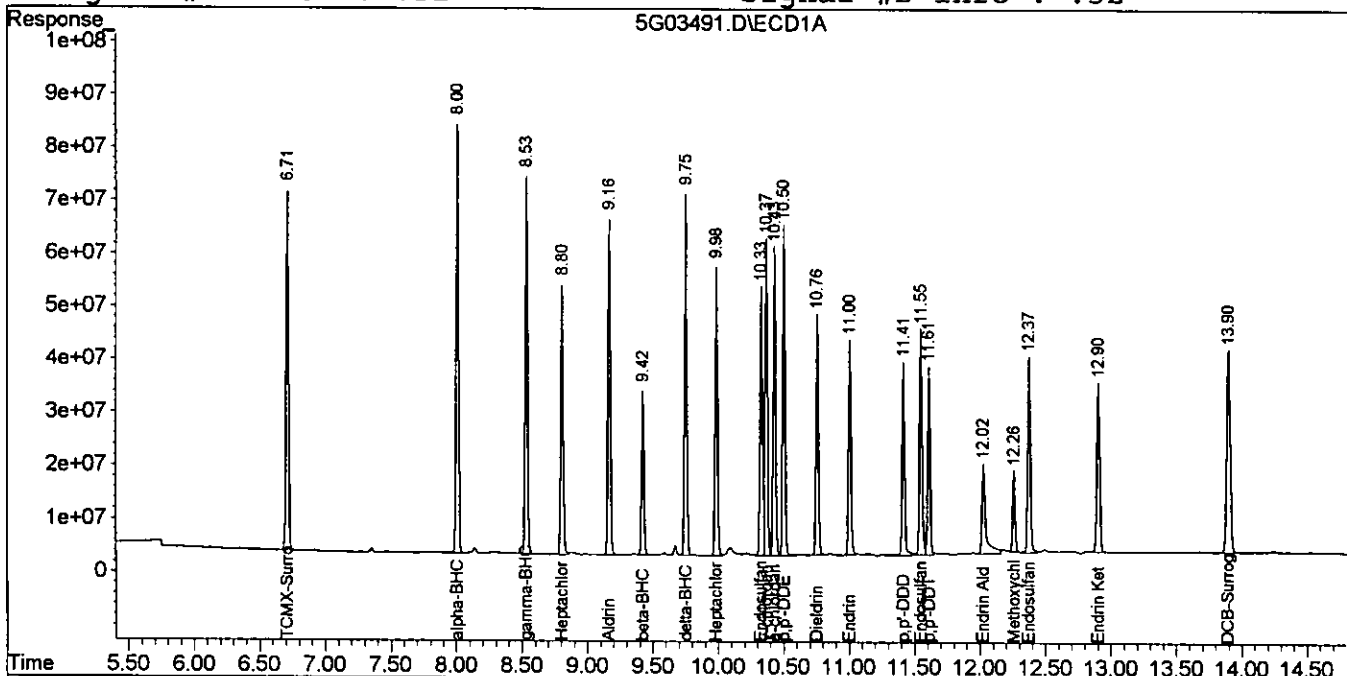
Quantitation Report

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

1
2
3
4

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 #1 Info : .32
 Signal #2 Phase : db-608
 Signal #2 Info : .32



147

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03493.D\ECD1A.CH Mial: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03493.D\ECD2B.CH
 Acq On : 8-10-05 5:23:53 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST:5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 5:53 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	73894809	67594060	9.616	9.914
2) alpha-BHC	8.01	7.62	77681322	85765353	8.958	9.677
3) gamma-BHC	8.53	8.16	70551897	75011164	9.327	9.646
4) beta-BHC	9.42	8.24	36330651	36800840	10.111	10.426
5) Heptachlor	8.81	8.61	60723838	57845249	9.966	9.953
6) delta-BHC	9.75	8.74	68573472	75581397	9.444	9.523
7) Aldrin	9.17	9.05	67308659	67896473	8.980	9.845
8) Heptachlor Epoxi	9.99	9.75	60616958	58386238	9.952	9.479
9) y-chlordane	10.37	9.94	63140398	63228767	9.379	10.068
10) a-chlordane	10.43	10.14	65051035	62939946	9.820	10.107
11) Endosulfan I	10.33	10.19	54430209	58700082	9.247	9.910
12) p,p'-DDE	10.50	10.41	67009056	59970923	9.542	9.806
13) Dieldrin	10.76	10.57	52398040	46436985	10.509	8.883
14) Endrin	11.01	11.02	46297664	41201834	10.293m	9.670
15) p,p'-DDD	11.42	11.07	43959888	38482019	10.245m	10.322
16) Endosulfan II	11.55	11.22	53523180	50762527	10.470	10.080
17) p,p'-DDT	11.61	11.44	36309066	39930175	9.231	9.717
18) Endrin Aldehyde	12.03	11.60	28243449	39259416	9.224m	9.809
19) Endosulfan Sulfa	12.38	11.74	43118758	41235752	9.464m	9.187
20) Methoxychlor	12.26	12.43	14340998	14717834	8.682m	9.400m
21) Endrin Ketone	12.91	12.70	41632878	46340688	9.936	9.169
22) DCB-Surrogate	13.90	14.31	67859592	57065797	9.852	9.214m

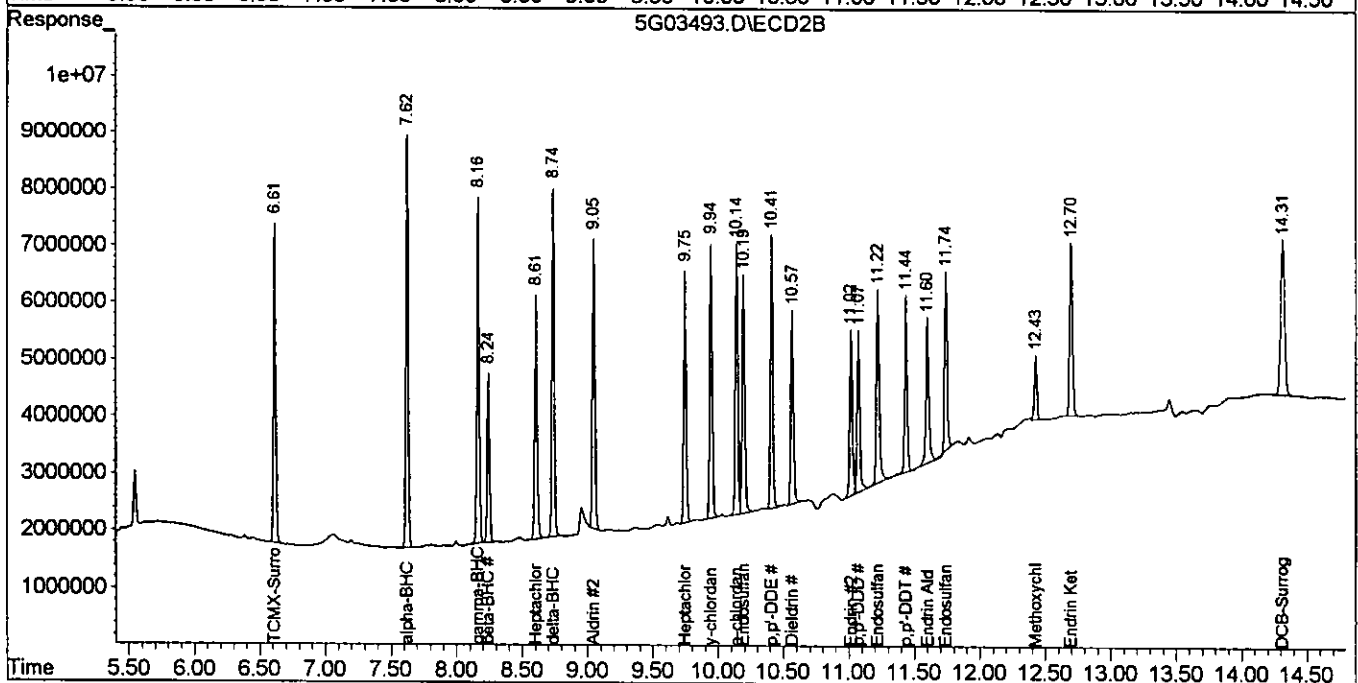
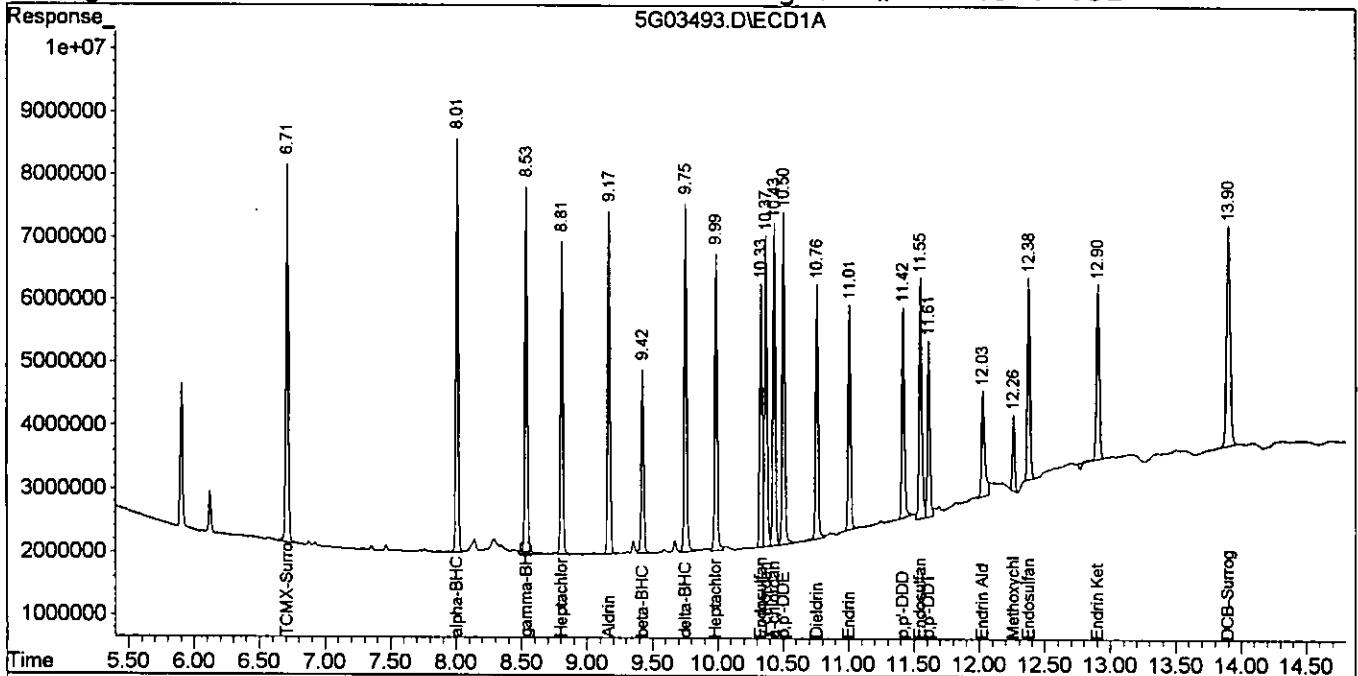
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03493.D\ECD1A.CH Signal: 2
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03493.D\ECD2B.CH
 Acq On : 8-10-05 5:23:53 Operator: JK
 Sample : CAL PEST@10PPB Inst : GC_5
 Misc : S,PEST:5 Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 5:53 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 : 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



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Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD1A.CH Val: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD2B.CH
 Acq On : 10 Aug 2005 5:31 Operator: JK
 Sample : CALPEST@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 10 7:21 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	2.70	2.75	696035	1661388	107.702	104.690
2) alpha-BHC	3.83	3.64	775790	2047671	107.611	97.965
3) gamma-BHC	4.34	4.15	749995	1901858	109.150	94.593
4) beta-BHC	5.23	4.23	460464	1023203	106.800	105.829
5) Heptachlor	4.63	4.58	607328	1597380	105.983	81.541
6) delta-BHC	5.57	4.71	719180	1955410	102.794	95.414
7) Aldrin	5.01	5.03	725407	1961456	112.018	99.872
8) Heptachlor Epoxi	5.85	5.75	690860	1821108	110.721	99.574
9) y-chlordane	6.25	5.96	846400	1882718	114.698	101.205
10) a-chlordane	6.32	6.17	764908	1721171	111.517	108.711
11) Endosulfan I	6.22	6.22	555910	1977784	115.835	101.349
12) p,p'-DDE	6.42	6.47	774676	1852984	113.287	101.777
13) Dieldrin	6.68	6.62	574624	1657169	97.653	93.413
14) Endrin	6.95	7.11	528767	1342972	97.358	87.844
15) p,p'-DDD	7.41	7.19	477233	1222634	90.928	84.958
16) Endosulfan II	7.54	7.34	651354	1690486	107.117	99.239
17) p,p'-DDT	7.64	7.59	380243	1096692	104.866	85.847
18) Endrin Aldehyde	8.06	7.76	474351	1270516	96.697	98.171
19) Endosulfan Sulfa	8.45	7.92	501632	1486259	98.302	97.843
20) Methoxychlor	8.38	8.71	158080	453271	80.592	65.567
21) Endrin Ketone	9.01	8.97	555369	1705177	93.867	90.916
22) DCB-Surrogate	10.09	10.65	817097	2338193	98.698	94.923

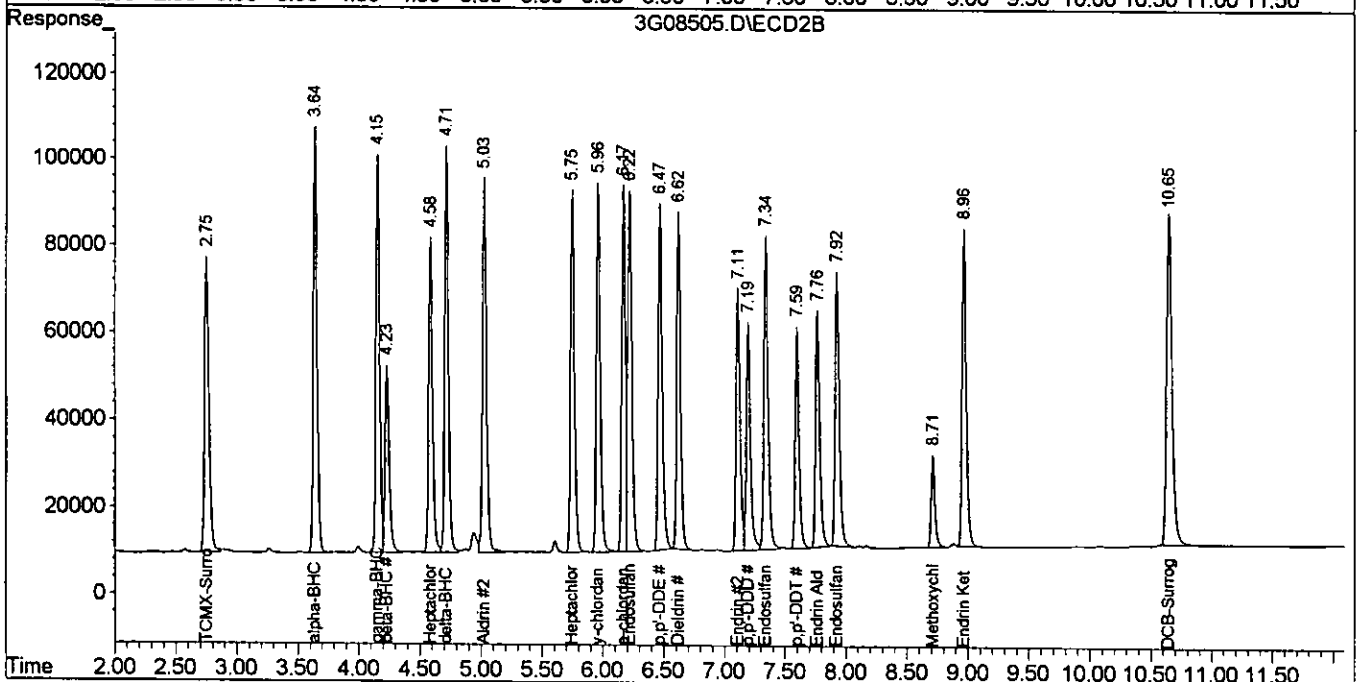
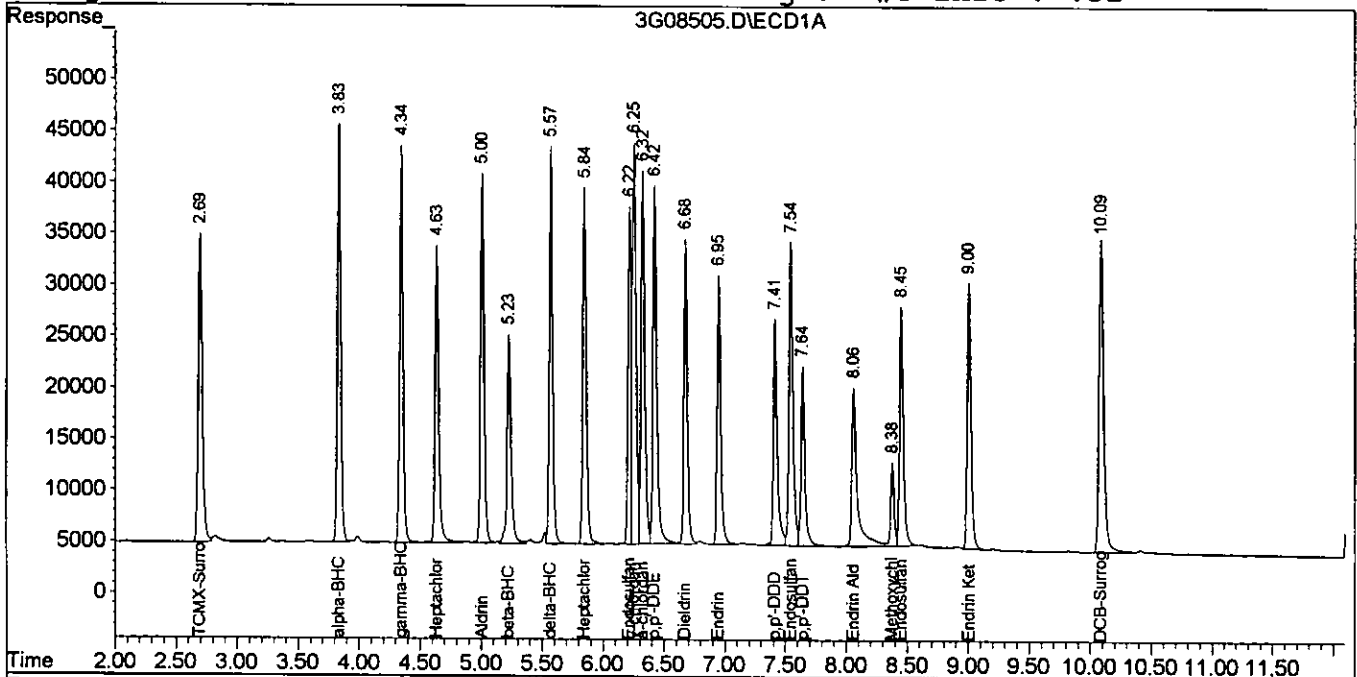
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD1A.CH Vial: 2
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD2B.CH Vial: 3
 Acq On : 10 Aug 2005 5:31 Operator: JK
 Sample : CALPEST@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 10 7:21 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



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Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD1A.CH Mial: 23
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD2B.CH
 Acq On : 10 Aug 2005 12:05 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 10 12:41 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	323849	851519	46.756	48.109
2) alpha-BHC	3.83	3.63	324757	962554	43.534	44.803
3) gamma-BHC	4.34	4.15	331681	947295	45.602	47.116
4) beta-BHC	5.22	4.23	223978	539962	46.599	50.498
5) Heptachlor	4.63	4.58	300077	903256	48.681	46.108
6) delta-BHC	5.57	4.71	329138	1003312	43.814	48.956
7) Aldrin	5.00	5.02	306995	897446	45.419	45.696
8) Heptachlor Epoxi	5.84	5.75	298435	874643	47.829	47.823
9) y-chlordane	6.25	5.96	344854	892089	46.732	47.954
10) a-chlordane	6.32	6.17	331738	820775	48.364	47.760
11) Endosulfan I	6.22	6.22	250143	922879	46.935	47.292
12) p,p'-DDE	6.42	6.47	336927	864852	49.271	47.503
13) Dieldrin	6.68	6.62	280453	822762	47.661	46.378
14) Endrin	6.95	7.11	263439	730726	48.505	47.797
15) p,p'-DDD	7.41	7.19	249600	671743	47.557	45.096
16) Endosulfan II	7.54	7.34	281326	787801	46.265	46.248
17) p,p'-DDT	7.64	7.59	138102	542212	40.233	42.962
18) Endrin Aldehyde	8.06	7.76	226536	632780	46.180	44.593
19) Endosulfan Sulfa	8.45	7.92	236704	702677	46.386	46.259
20) Methoxychlor	8.38	8.71	87609	347044	43.246	50.201
21) Endrin Ketone	9.01	8.97	270717	839907	43.185	44.782
22) DCB-Surrogate	10.09	10.65	385176	1136143	46.526	46.123

08/12/05

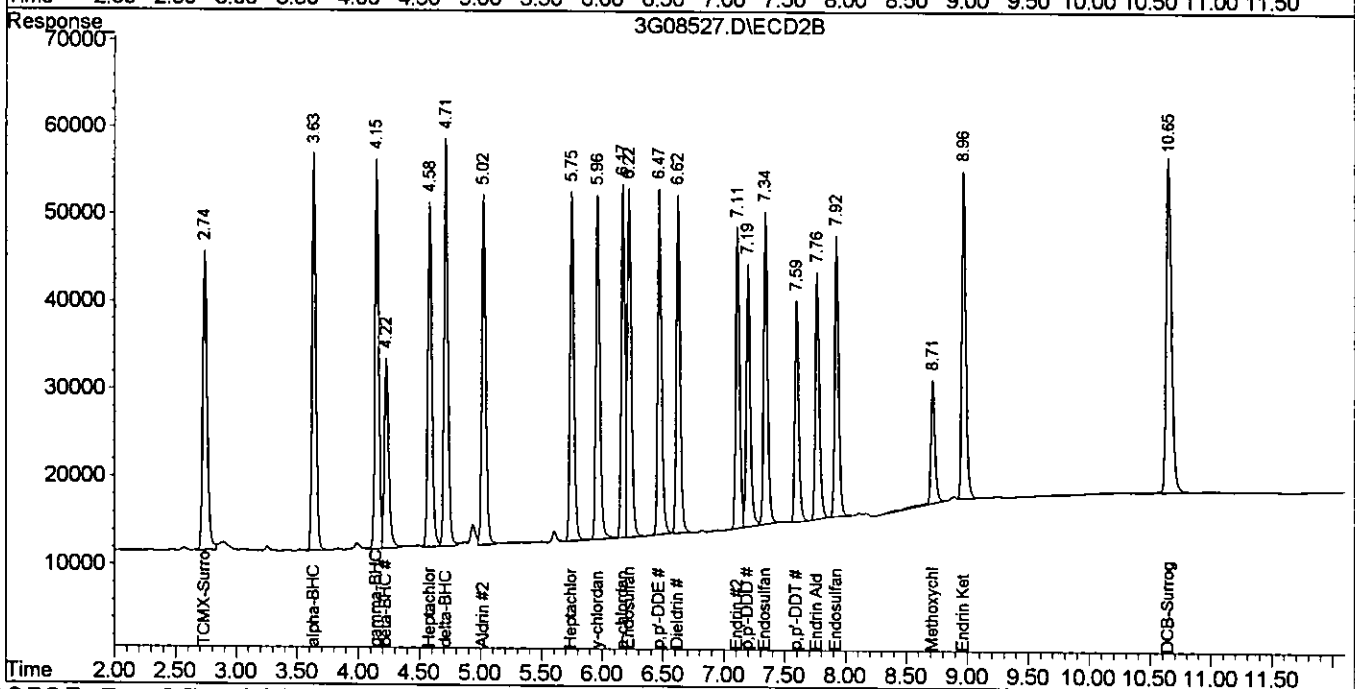
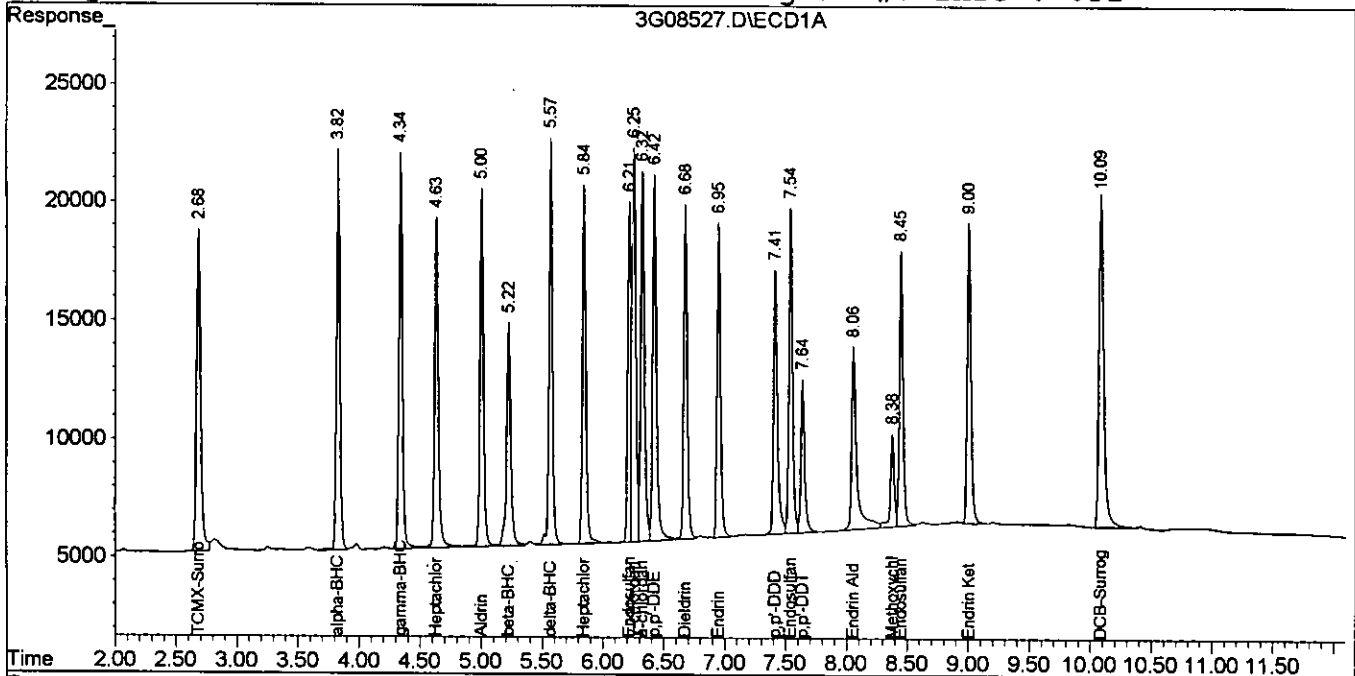
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD1A.CH
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD2B.CH
 Acq On : 10 Aug 2005 12:05
 Sample : CAL PEST@50PPB
 Misc : S,PEST
 IntFile Signal #1: PEST1.E
 Quant Time: Aug 10 12:41 2005

Operator: JK
 Inst : GC_3
 Multiplr: 1.00
 IntFile Signal #2: Pest2.e
 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 #1 Info : .32
 Signal #2 Phase: db-608
 Signal #2 Info : .32



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Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03510.D\ECD1A.CH Mial: 18
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03510.D\ECD2B.CH
 Acq On : 8-10-05 12:15:16 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 10 12:48 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	327.2E6	288.5E6	42.573	42.317m
2) alpha-BHC	8.00	7.62	375.0E6	361.9E6	43.250	40.838
3) gamma-BHC	8.53	8.16	347.5E6	323.2E6	45.943	41.558
4) beta-BHC	9.42	8.24	160.9E6	143.2E6	44.771	40.557
5) Heptachlor	8.80	8.61	278.8E6	227.1E6	45.764	39.072
6) delta-BHC	9.75	8.74	349.6E6	339.8E6	48.149	42.806
7) Aldrin	9.16	9.05	339.5E6	290.8E6	45.293	42.171
8) Heptachlor Epoxi	9.98	9.75	292.4E6	265.7E6	47.998	43.133
9) y-chlordane	10.37	9.94	310.4E6	269.5E6	46.102	42.907
10) a-chlordane	10.43	10.14	305.6E6	265.5E6	46.128	42.635
11) Endosulfan I	10.33	10.19	284.0E6	252.8E6	48.238	42.674
12) p,p'-DDE	10.50	10.41	322.5E6	270.8E6	45.929	44.282
13) Dieldrin	10.76	10.57	262.1E6	259.1E6	52.565	49.557
14) Endrin	11.01	11.02	237.9E6	216.9E6	52.898	50.912
15) p,p'-DDD	11.41	11.07	219.7E6	194.7E6	51.196m	52.232
16) Endosulfan II	11.55	11.22	262.2E6	235.1E6	51.303	46.688
17) p,p'-DDT	11.61	11.44	179.7E6	196.7E6	45.688	47.863
18) Endrin Aldehyde	12.03	11.60	170.6E6	199.6E6	55.709	49.862
19) Endosulfan Sulfa	12.37	11.74	255.6E6	221.7E6	56.110	49.397
20) Methoxychlor	12.26	12.43	94597626	89341972	57.268	57.060m
21) Endrin Ketone	12.90	12.70	226.7E6	256.5E6	54.098	50.745
22) DCB-Surrogate	13.90	14.31	353.7E6	300.5E6	51.354	48.522

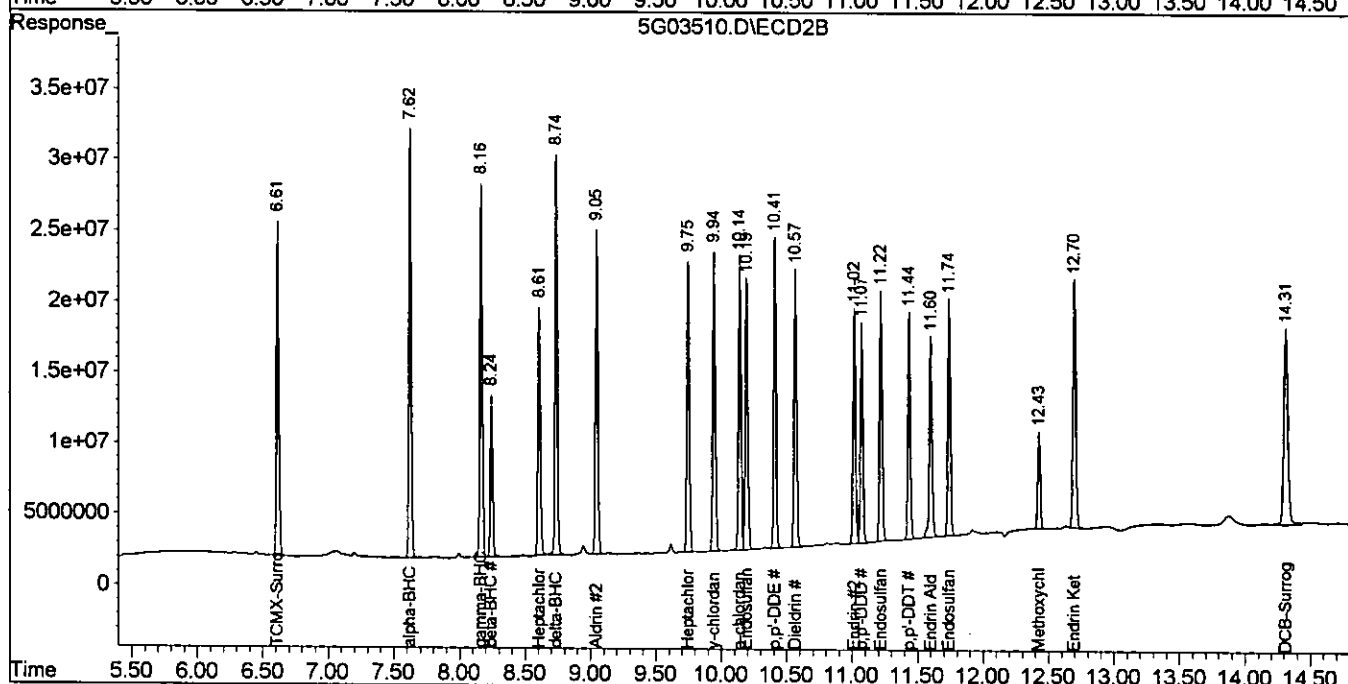
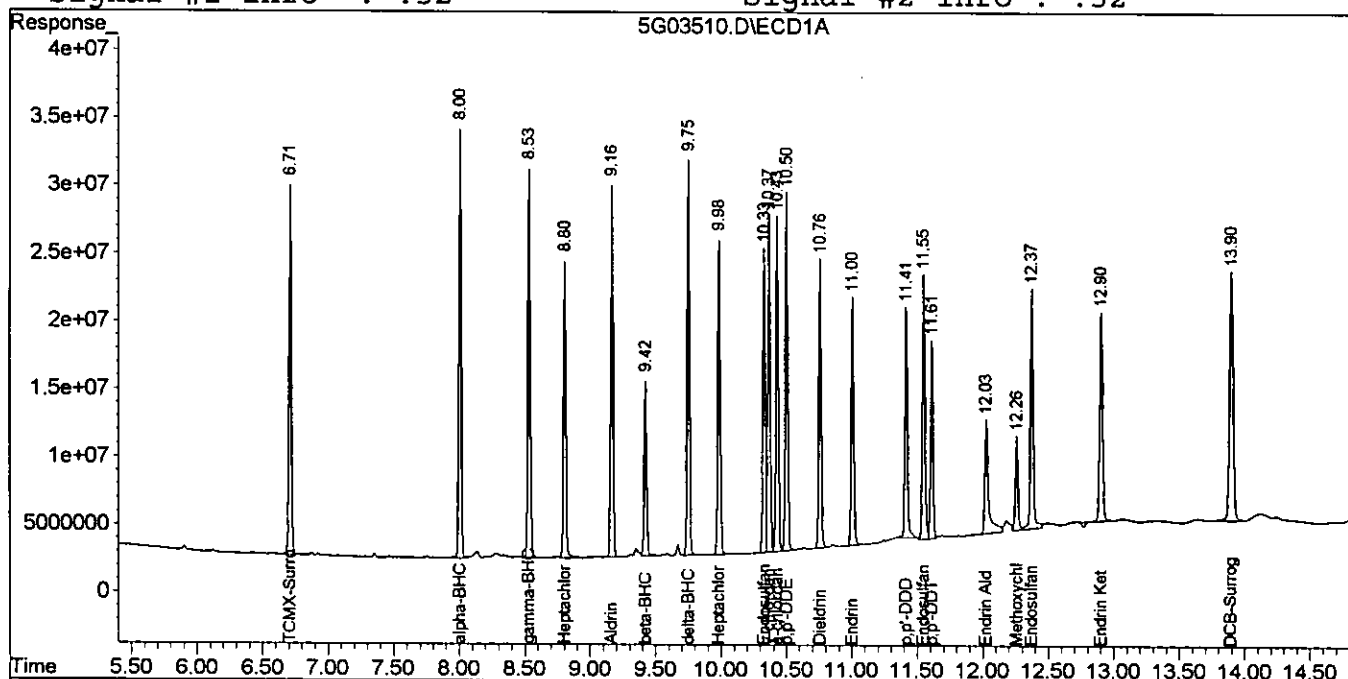
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03510.D\ECD1A.CH Qual: 18
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-10-05\5G03510.D\ECD2B.CH
 Acq On : 8-10-05 12:15:16 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 10 12:48 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 : 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: SMB733B

Client Id:

Data File: 3G08511.D

Analysis Date: 08/10/05 07:19

Date Rec/Extracted: NA-08/09/05

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 #: 18196

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\08-10-05\3G08511.D\ECD1A.CH Vial: 8
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08511.D\ECD2B.CH Vial: 8
 Acq On : 10 Aug 2005 7:19 Operator: JK
 Sample : SMB733B Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 7:30 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	534226	1282581	80.845	78.225
22) DCB-Surrogate	10.09	10.65	629206	1822214	76.002	73.976

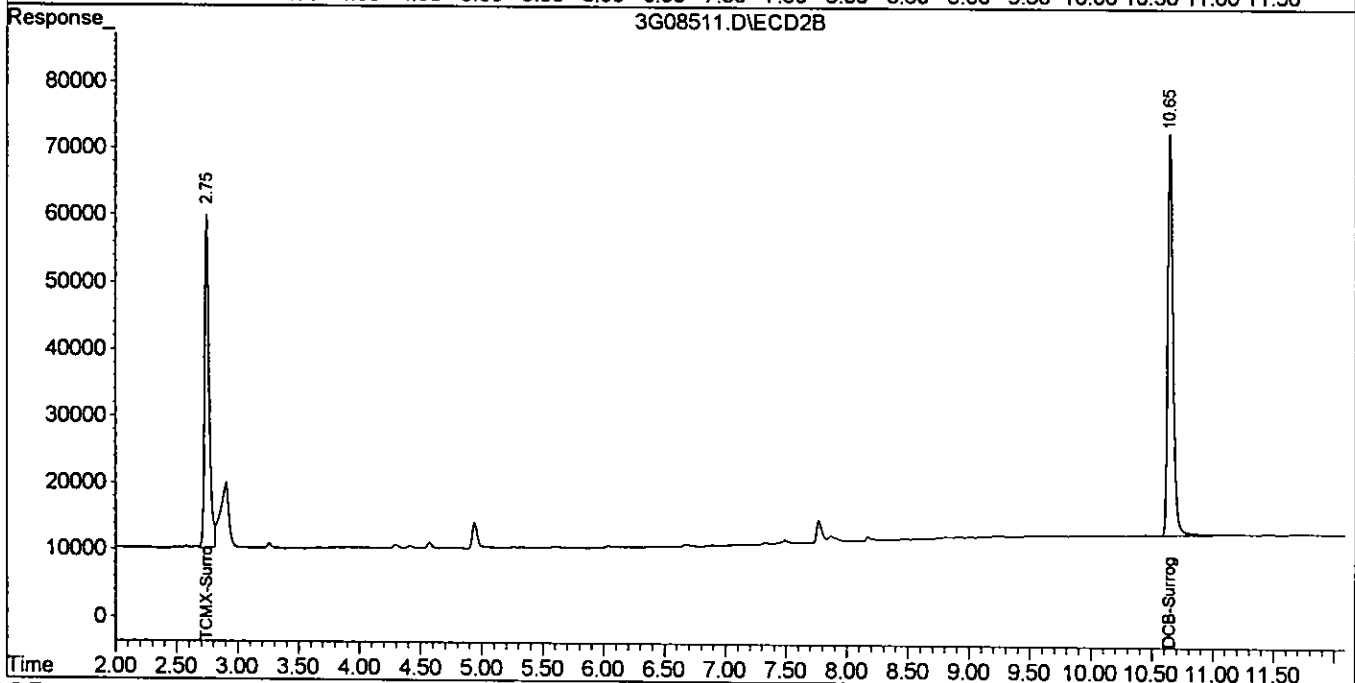
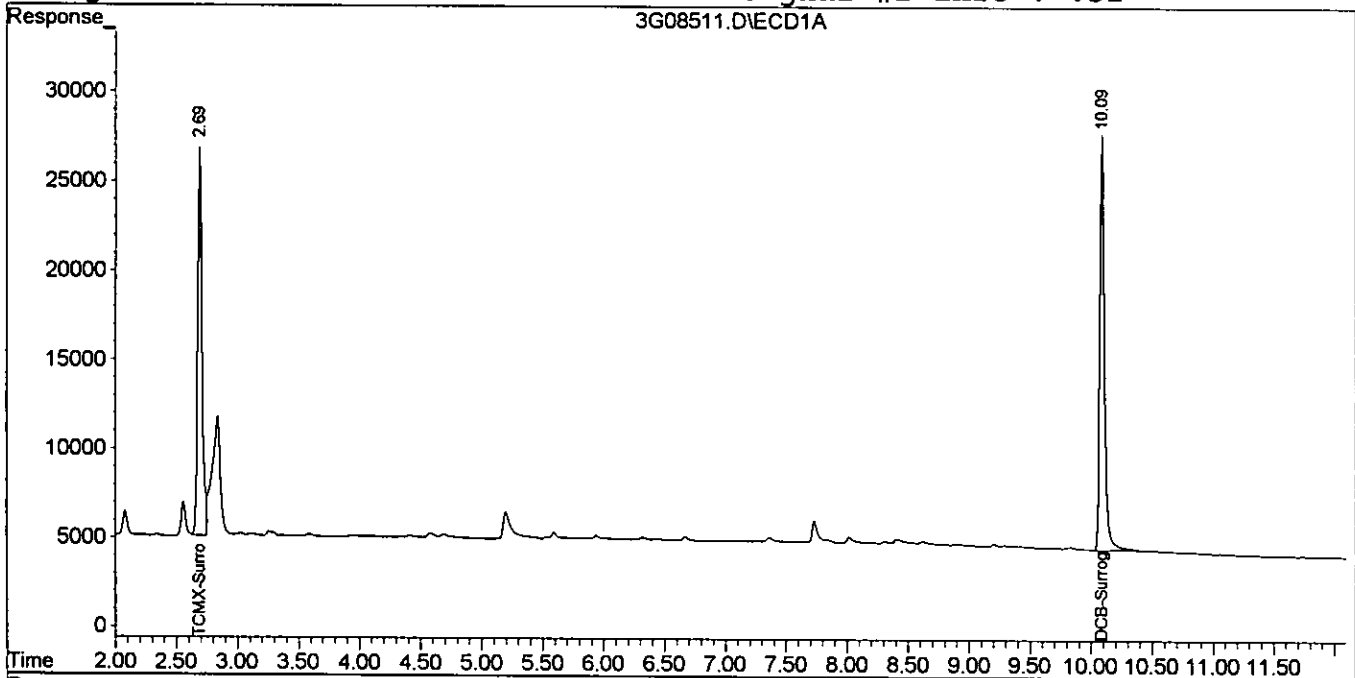
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08511.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08511.D\ECD2B.CH Vial: 8
Acq On : 10 Aug 2005 7:19 Operator: JK
Sample : SMB733B Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 7:30 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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB2310

Client Id:

Data File: 5G03478.D

Analysis Date: 08/08/05 10:01

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

Matrix: Aqueous

Initial Vol: 1000ml

Final Vol: 5ml

Dilution: 1

Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.050	U	7421-93-4	Endrin Aldehyde	0.050	U
319-84-6	alpha-BHC	0.050	U	53494-70-5	Endrin Ketone	0.050	U
319-85-7	beta-BHC	0.050	U	58-89-9	gamma-BHC	0.050	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.050	U
319-86-8	delta-BHC	0.050	U	1024-57-3	Heptachlor Epoxide	0.050	U
60-57-1	Dieldrin	0.050	U	72-43-5	Methoxychlor	0.050	U
959-98-8	Endosulfan I	0.050	U	72-54-8	p,p'-DDD	0.050	U
33213-65-9	Endosulfan II	0.050	U	72-55-9	p,p'-DDE	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U	50-29-3	p,p'-DDT	0.050	U
72-20-8	Endrin	0.050	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 18196

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\08-08-05\5G03478.D\ECD1A.CH Vial: 12
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03478.D\ECD2B.CH 8
 Acq On : 8-8-05 10:01:30 Operator: JK
 Sample : WMB2310 Inst : GC_5
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 10:20 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	639.2E6	549.5E6	83.178	80.596
22) DCB-Surrogate	13.89	14.31	320.4E6	269.8E6	46.515	43.565

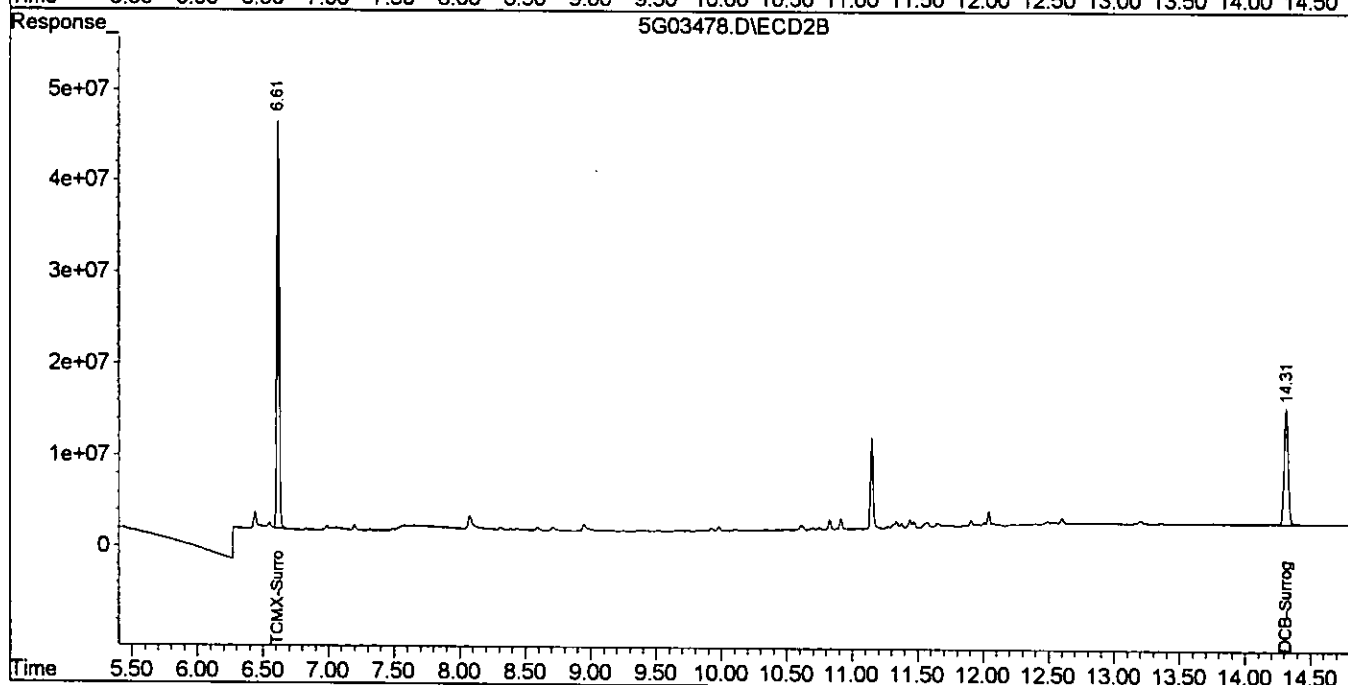
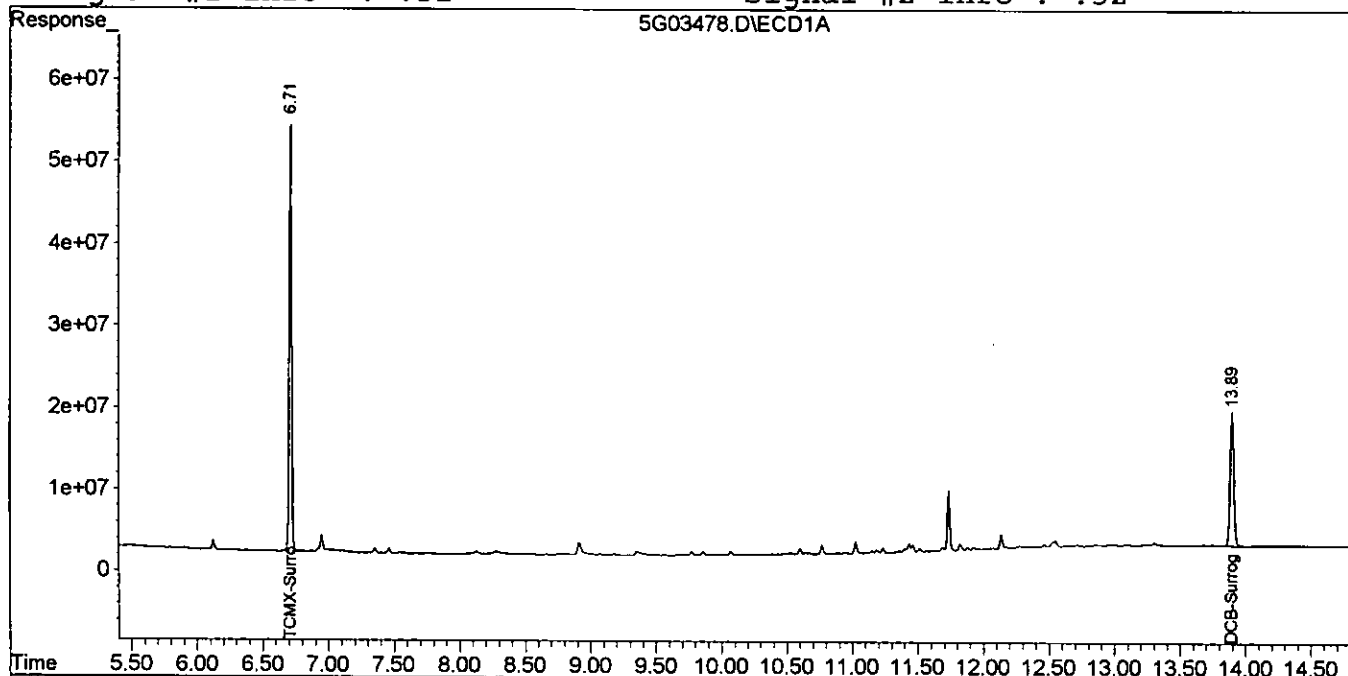
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03478.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03478.D\ECD2B.CH Vial: 5
Acq On : 8-8-05 10:01:30 Operator: JK
Sample : WMB2310 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:20 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 : 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:====>
Data/Batch/Sample ID:====>
Date/Time:====>

				5G03479.D												
				WMB2310(MS)												
				08/08/05 10:20												
Compound	Limit(s)		Col	Mr	Conc			Conc			Conc			Conc		
	Soil	Aq			Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec
Aldrin		40-120	1	0	102.5	100	102									
Dieldrin		52-126	1	0	117.2	100	117									
Endrin		56-121	1	0	117	100	117									
gamma-BHC		56-123	1	0	103.4	100	103									
Heptachlor		40-131	1	0	101.1	100	101									
p,p'-DDT		38-127	1	0	116.1	100	116									

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03479.D\ECD1A.CH Vial: 13
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03479.D\ECD2B.CH
 Acq On : 8-8-05 10:20:26 Operator: JK
 Sample : WMB2310(MS) Inst : GC_5
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 11:02 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	636.8E6	550.1E6	82.871	80.692
2) alpha-BHC	8.00	7.62	883.5E6	872.3E6	101.881	98.418
3) gamma-BHC	8.53	8.16	781.8E6	774.1E6	103.357	99.552
4) beta-BHC	9.42	8.24	366.7E6	337.2E6	102.039	95.536
5) Heptachlor	8.80	8.61	615.8E6	549.3E6	101.074	94.517
6) delta-BHC	9.75	8.74	586.1E6	620.8E6	80.715	78.214
7) Aldrin	9.16	9.05	768.0E6	686.0E6	102.463	99.466
8) Heptachlor Epoxi	9.98	9.75	656.4E6	648.7E6	107.767	105.319
11) Endosulfan I	10.33	10.19	653.4E6	605.5E6	111.007	102.229
12) p,p'-DDE	10.50	10.41	752.9E6	641.4E6	107.208	104.871
13) Dieldrin	10.76	10.57	584.3E6	572.4E6	117.187	109.499
14) Endrin	11.00	11.02	526.0E6	483.0E6	116.957	113.363
15) p,p'-DDD	11.41	11.07	460.5E6	410.0E6	107.318	109.978
16) Endosulfan II	11.55	11.22	573.4E6	541.9E6	112.177	107.610
17) p,p'-DDT	11.61	11.43	456.6E6	481.2E6	116.084	117.108
18) Endrin Aldehyde	12.02	11.60	302.8E6	421.7E6	98.899	105.359
19) Endosulfan Sulfa	12.37	11.74	468.1E6	466.6E6	102.733	103.966
20) Methoxychlor	12.26	12.43	206.1E6	181.8E6	124.767	116.130
21) Endrin Ketone	12.90	12.70	446.2E6	546.8E6	106.492	108.201
22) DCB-Surrogate	13.89	14.31	366.0E6	311.1E6	53.136	50.230

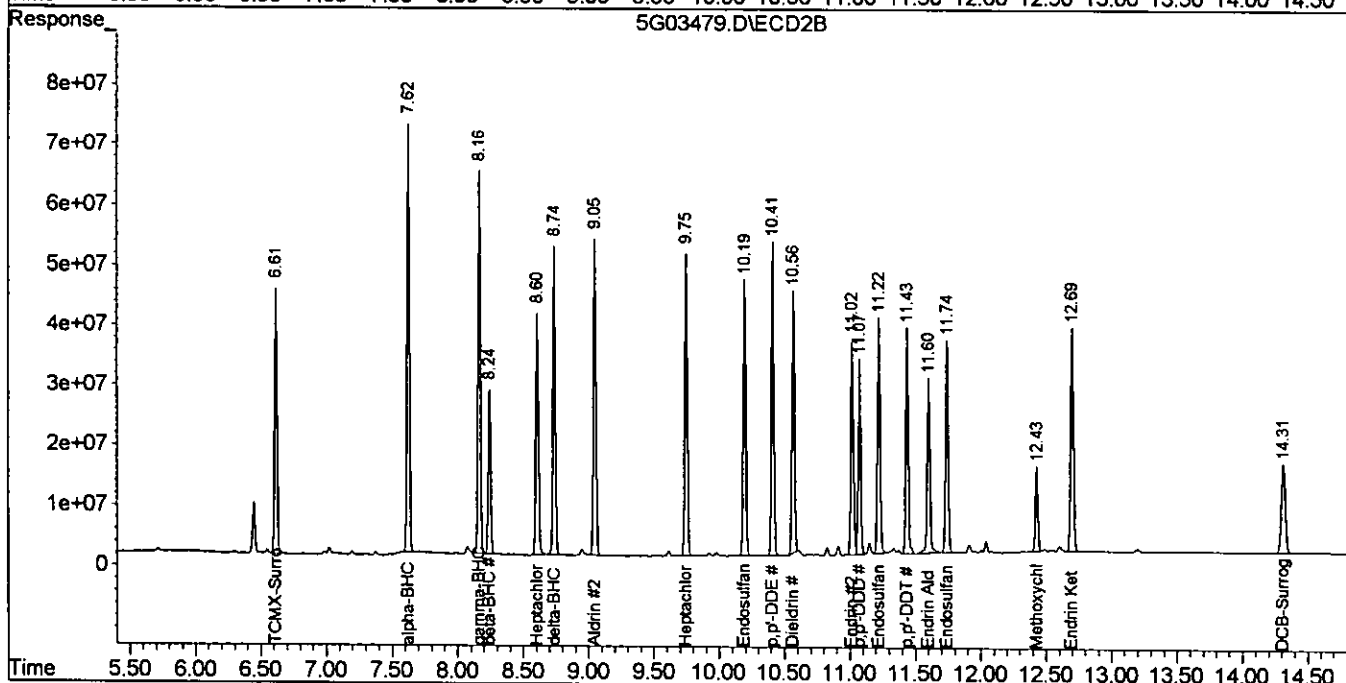
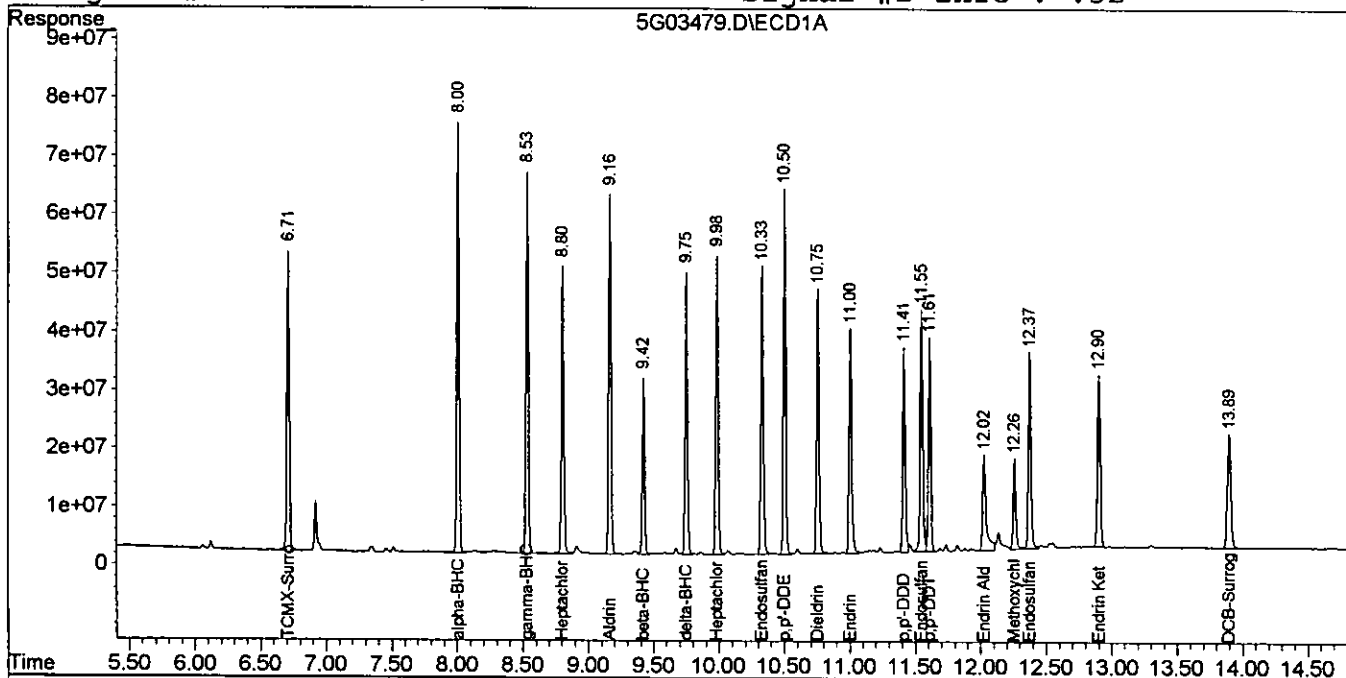
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03479.D\ECD1A.CH Val: 13
 Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03479.D\ECD2B.CH Val: 2
 Acq On : 8-8-05 10:20:26 Operator: JK
 Sample : WMB2310(MS) Inst : GC_5
 Misc : A,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 8 11:02 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 : 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 3
Spike Recovery

1443

Batch Number: SMB733B

Mbs File: 3G08512.D

Mbs Name: SMB733B(MS)

Non Spk'd File: 3G08513.D

Ns Name: AC18916-008

Spike File: 3G08514.D

Ms Name: AC18916-009(MS)

Spike Dup File: 3G08515.D

Msd Name: AC18916-010(MSD)

Matrix: Soil

Method: 8081

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	88.57	0.00	91.04	84.37	89	91	84	7.6
Heptachlor	1	0	100	35	130	31	95.87	0.00	98.36	90.03	96	98	90	8.8
Aldrin	1	0	100	34	132	43	89.86	0.00	93.63	83.83	90	94	84	11
Dieldrin	1	0	100	31	134	38	91.54	0.00	100.01	77.70	92	100	78	25
Endrin	1	0	100	42	139	45	91.42	0.00	106.50	117.53	91	107	118	9.8
p,p'-DDT	1	0	100	23	134	50	91.83	0.00	93.74	82.21	92	94	82	13

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\08-10-05\3G08512.D\ECD1A.CH Vial: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD2B.CH Vial: 7
 Acq On : 10 Aug 2005 7:36 Operator: JK
 Sample : SMB733B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 7:46 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	522313	1267251	78.890	77.154
2) alpha-BHC	3.83	3.64	602516	1629585	82.994	77.483
3) gamma-BHC	4.34	4.15	614534	1588172	88.572	78.991
4) beta-BHC	5.22	4.23	403180	890942	91.812	90.685
5) Heptachlor	4.63	4.58	553121	1507949	95.873	76.976
6) delta-BHC	5.57	4.71	435452	1228835	59.891	59.961
7) Aldrin	5.00	5.02	586191	1572131	89.859	80.049
8) Heptachlor Epoxi	5.84	5.75	577925	1541629	92.622	84.292
11) Endosulfan I	6.21	6.22	551918	1474689	114.936	75.569 #
12) p,p'-DDE	6.42	6.47	637206	1556542	93.184	85.495
13) Dieldrin	6.67	6.62	538659	1496682	91.541	84.367
14) Endrin	6.95	7.11	496505	1256223	91.418	82.170
15) p,p'-DDD	7.41	7.19	447384	1188553	85.241	82.492
16) Endosulfan II	7.54	7.34	545681	1398098	89.739	82.075
17) p,p'-DDT	7.64	7.59	331410	1030077	91.831	80.695
18) Endrin Aldehyde	8.06	7.76	403753	1063759	82.305	80.801
19) Endosulfan Sulfa	8.45	7.92	420409	1181866	82.385	77.805
20) Methoxychlor	8.38	8.71	161057	520147	82.170	75.241
21) Endrin Ketone	9.00	8.96	514938	1496255	86.668	79.777
22) DCB-Surrogate	10.09	10.65	677275	1917493	81.809	77.844

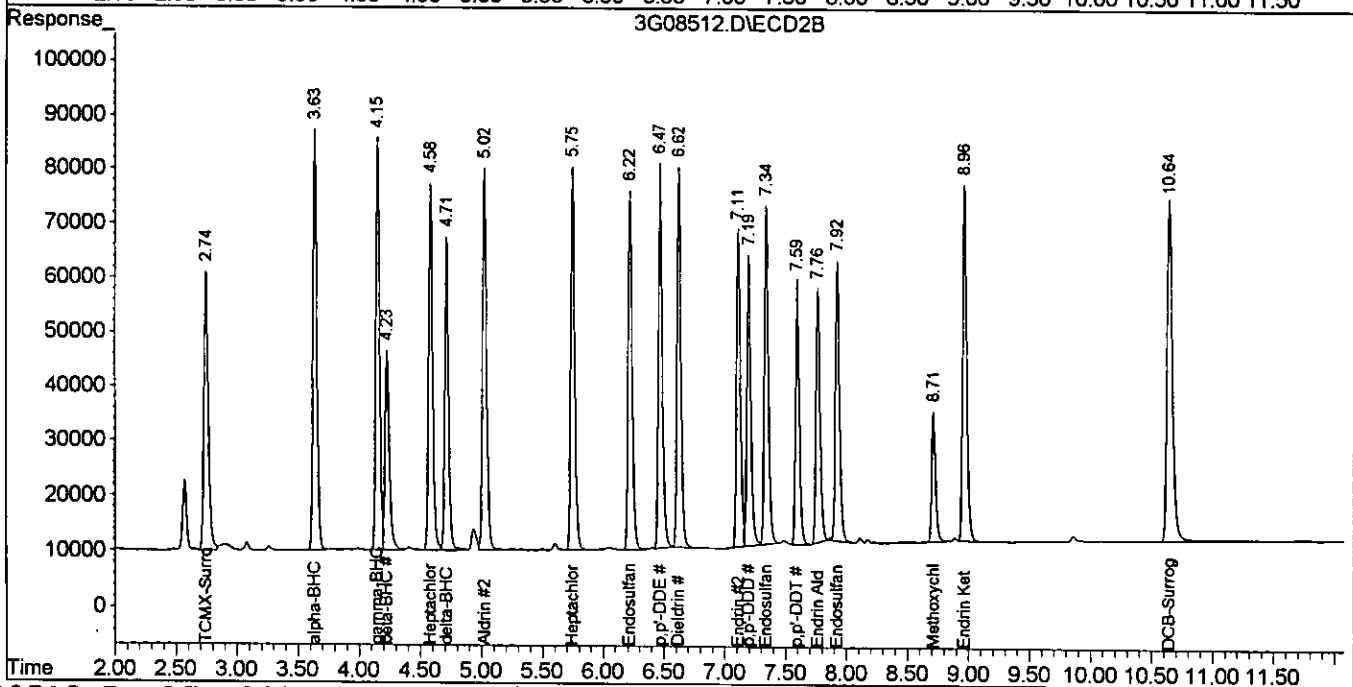
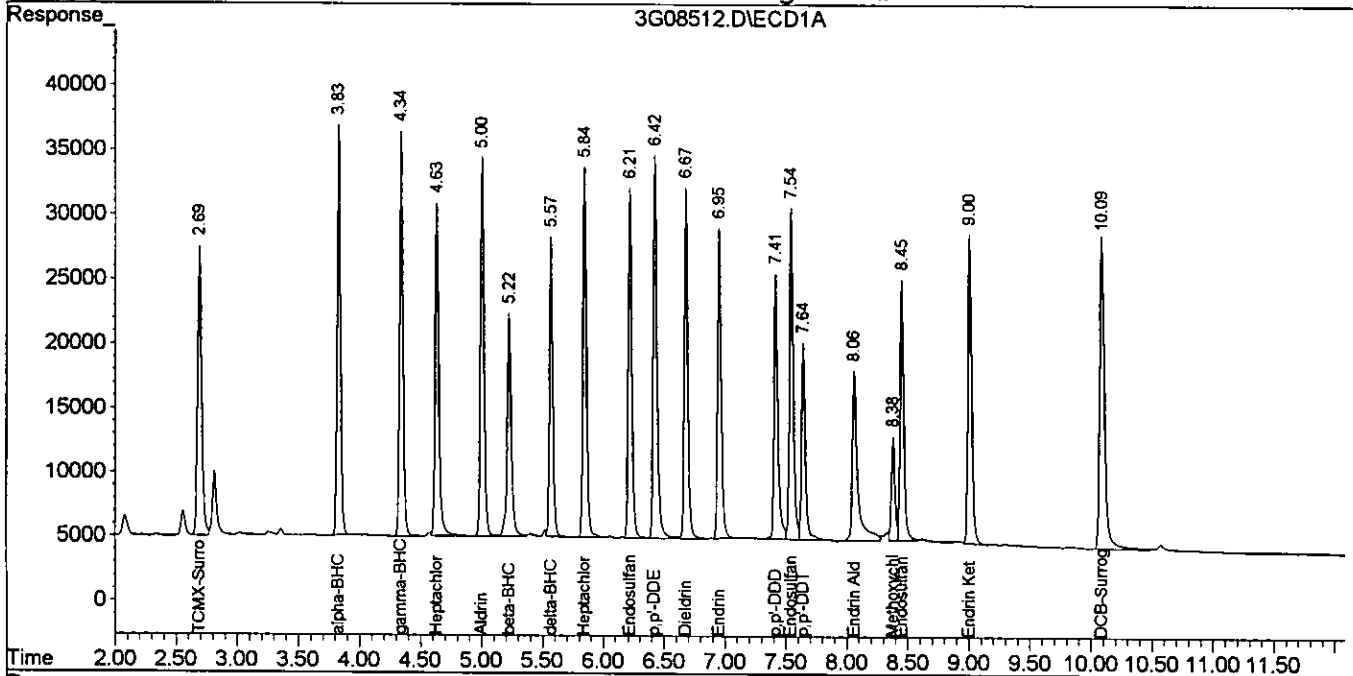
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD1A.CH Val: 9
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD2B.CH
 Acq On : 10 Aug 2005 7:36 Operator: JK
 Sample : SMB733B(MS) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 7:46 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



Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD1A.CH Vial: 11
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH #
 Acq On : 10 Aug 2005 8:08 Operator: JK
 Sample : AC18916-009 (MS:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:18 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	529846	1264514	80.126	76.962
2) alpha-BHC	3.83	3.64	632033	1682701	87.187	80.085
3) gamma-BHC	4.34	4.15	630804	1633507	91.043	81.246
4) beta-BHC	5.22	4.23	409877	924654	93.550	94.545
5) Heptachlor	4.63	4.58	566454	1555145	98.360	79.385
6) delta-BHC	5.57	4.71	452380	1261794	62.450	61.569
7) Aldrin	5.00	5.03	609898	1568668	93.632	79.872
8) Heptachlor Epoxi	5.84	5.75	601061	1572368	96.330	85.973
11) Endosulfan I	6.22	6.22	592914	1494397	124.173	76.579 #
12) p,p'-DDE	6.42	6.47	683414	1611575	99.941	88.517
13) Dieldrin	6.68	6.62	588478	1620069	100.007	91.322
14) Endrin	6.95	7.11	578408	1333889	106.498	87.250
15) p,p'-DDD	7.41	7.19	501433	1276076	95.539	88.825
16) Endosulfan II	7.54	7.34	584621	1447833	96.143	84.995
17) p,p'-DDT	7.64	7.59	338560	1124158	93.740	87.971
18) Endrin Aldehyde	8.06	7.76	407869	998966	83.145	75.357
19) Endosulfan Sulfa	8.45	7.92	435254	1191734	85.294	78.454
20) Methoxychlor	8.38	8.71	165353	535009	84.447	77.391
21) Endrin Ketone	9.00	8.97	570325	1523160	96.529	81.212
22) DCB-Surrogate	10.09	10.65	670840	2364630	81.031	95.996

08/12/05

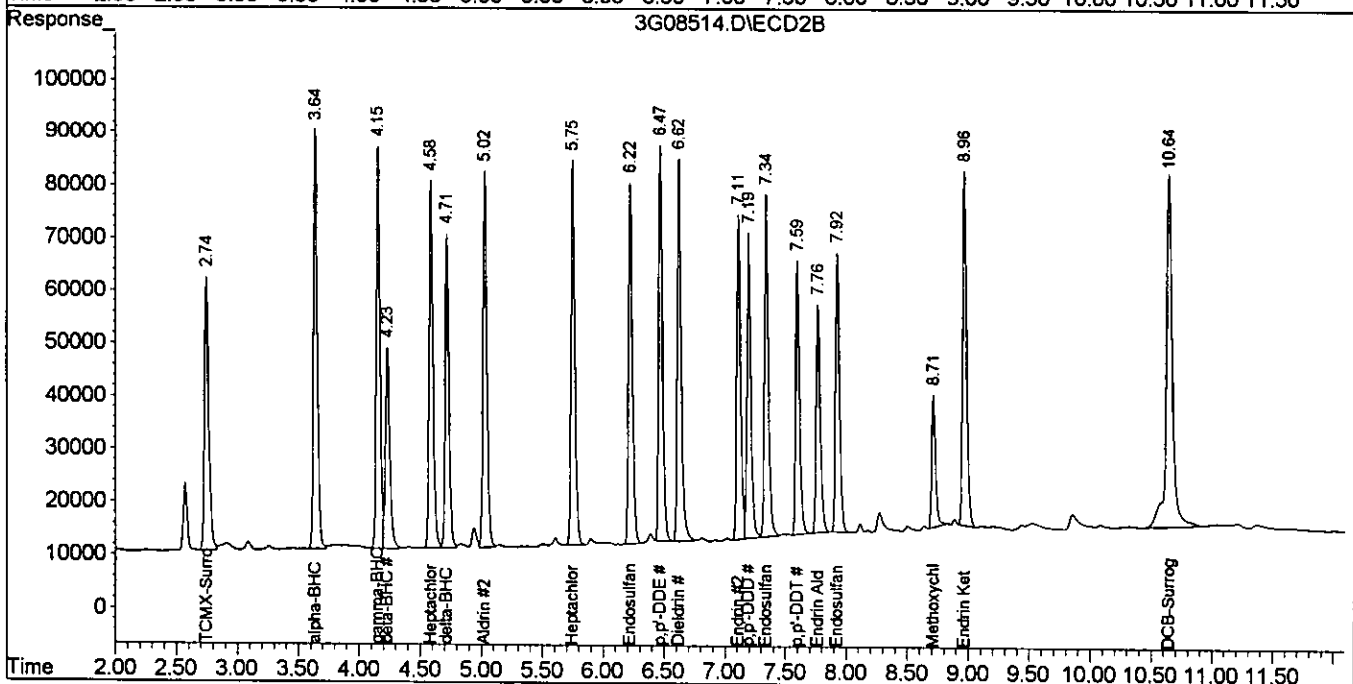
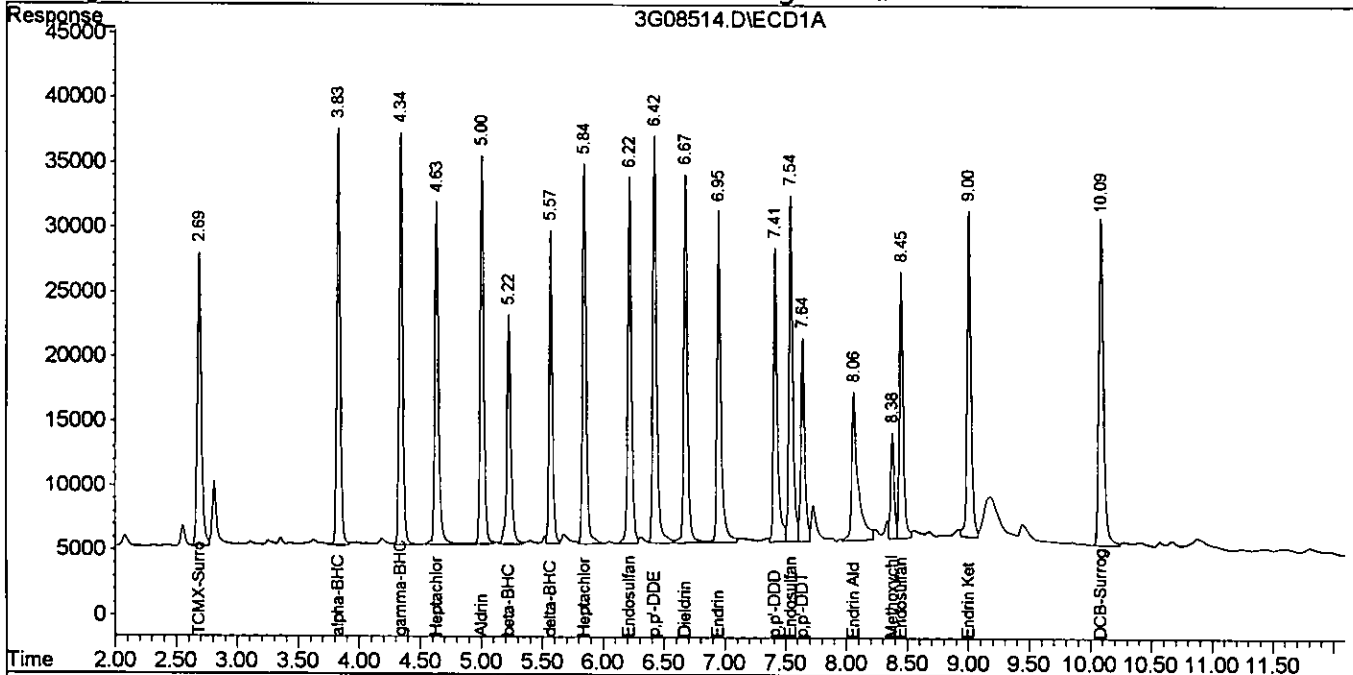
Quantitation Report

147

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD1A.CH Val: 11
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:08 Operator: JK
 Sample : AC18916-009 (MS:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:18 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



1471
513

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD1A.CH Val: 12
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:25 Operator: JK
 Sample : AC18916-010 (MSD:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:48 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	2.74	480692	1109548	72.084	66.136
2) alpha-BHC	3.83	3.63	594965	1437199	81.921	68.057
3) gamma-BHC	4.34	4.15	586897	1418510	84.373	70.553
4) beta-BHC	5.22	4.22	414176	997198	94.667	102.851
5) Heptachlor	4.63	4.58	521791	1435286	90.030	73.267
6) delta-BHC	5.57	4.71	417027	1040374	57.104m	50.765
7) Aldrin	5.00	5.02	548322	1625605	83.831m	82.771
8) Heptachlor Epoxi	5.84	5.75	558469	1406309	89.503m	76.893
11) Endosulfan I	6.21	6.22	501843	1226205	103.652m	62.836 #
12) p,p'-DDE	6.42	6.47	821236	1379567	120.096m	75.774 #
13) Dieldrin	6.67	6.62	457215	1118708	77.700m	63.061
14) Endrin	6.95	7.11	638327	1338175	117.530m	87.531 #
15) p,p'-DDD	7.41	7.19	467200	1067651	89.017m	73.744
16) Endosulfan II	7.54	7.34	513182	1164489	84.395m	68.361
17) p,p'-DDT	7.64	7.59	295383	1960199	82.215m	152.632 #
18) Endrin Aldehyde	8.09	7.76	512508	930178	104.475m	69.578m#
19) Endosulfan Sulfa	8.45	7.92	410573	930875	80.458m	61.281
20) Methoxychlor	8.37	8.71	146438	412522	74.422m	59.672
21) Endrin Ketone	9.00	8.96	532528	1276051	89.800m	68.036
22) DCB-Surrogate	10.09	10.65	573563	1748084	69.281m	70.966

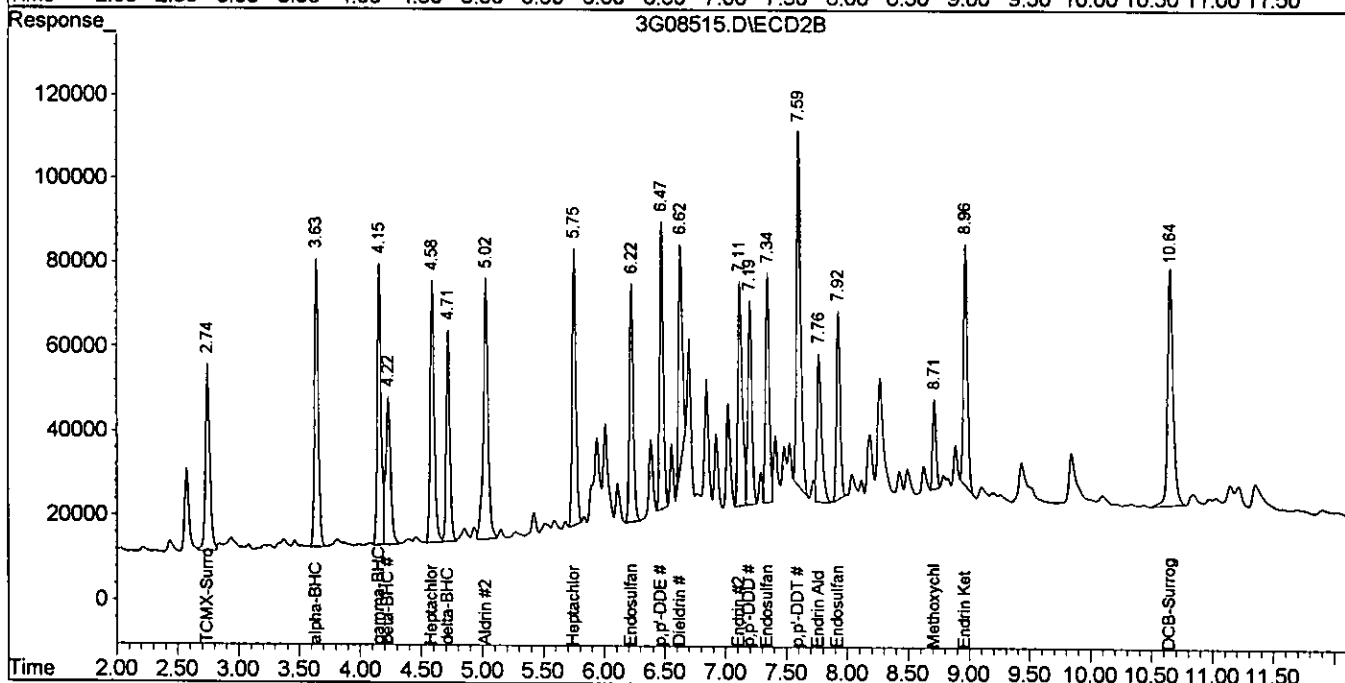
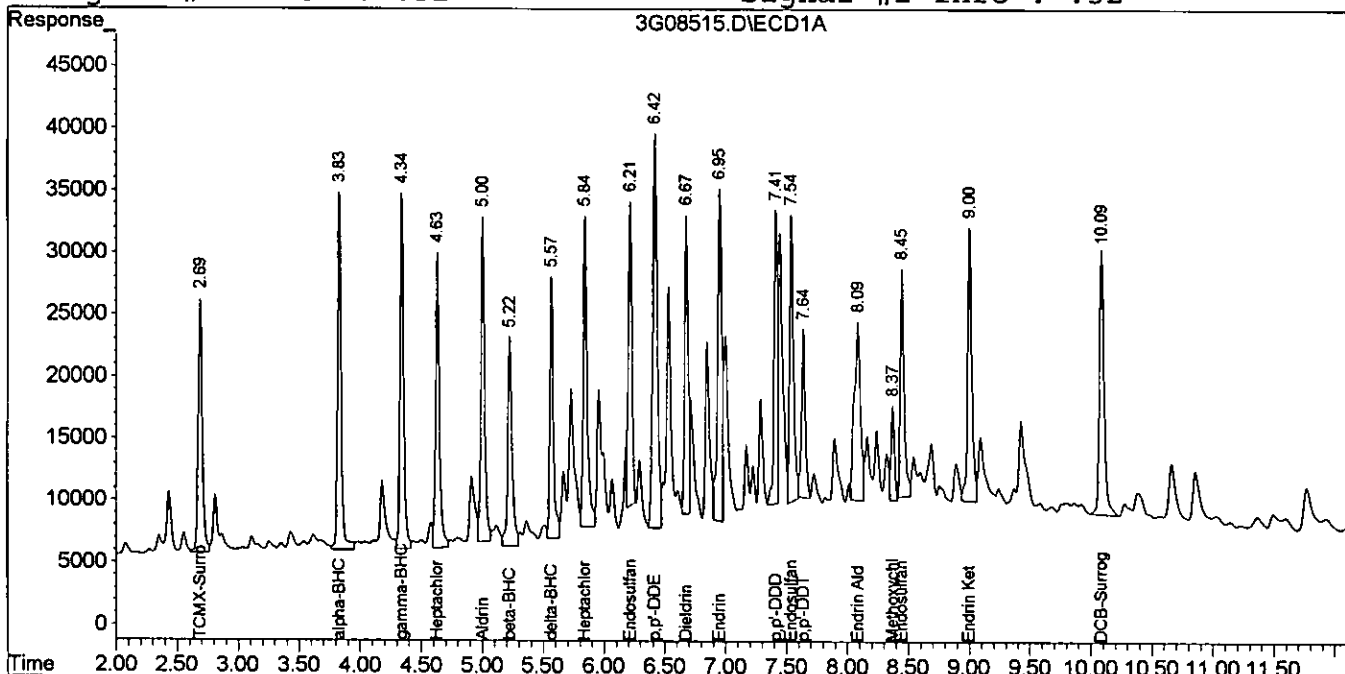
08/12/05

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD1A.CH Val: 12
 Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
 Acq On : 10 Aug 2005 8:25 Operator: JK
 Sample : AC18916-010 (MSD:AC18916-008) Inst : GC_3
 Misc : S,PEST Multiplr: 1.00
 IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
 Quant Time: Aug 10 8:48 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



**GC Pesticide Data
Extraction/Logbook Data**

Method Blank No. WMB- 2310
 Blank Spike (WMBS): 2305 Pest
 Blank Spike (WMBS): 2310 PCB

Date: 8/5/05
 Matrix Spike: 18808-001
 Matrix Spike: _____

Analysis: Pest / PCB / Herb / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 2310	X	X			1000ml	5ml		18808-001	EF-2-V4973
MB 2310	X	X			↓				
MS		X							
MSD		X							
18737-022	14				1000ml	5ml	Due to PCB		
18737-025	15				1000ml		SAMPLES ARE		
18737-027	16				1000ml		ALL FIELD		
18737-014	17				975ml		BLANKS.		
18886-009		2			650ml				
18888-001	18	3			1000ml		BACK		
18916-025	19	4			↓		19		
18907-005	20				100ml	↓		5	5

Cleanup: Acid ___ TBA ___ Copper ___ Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	Y4044	Pest / PCB / Herb / Other
↓	100	Y4707	Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V5154	Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other

Reagent Lots: MeCL₂ 051907 Acetone _____ Hexane 044526 Na₂SO₄ 052002 Ether _____
 MTBE _____ Other _____

Relinquished By: Alex [Signature]
 Received By: Koski [Signature]

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

Method Blank No. SMB- 733B
 Blank Spike (SMBS): 729B, 733B PEST
 Blank Spike (SMBS): 731B, 733B PCB

Date: 8/9/05
 Matrix Spike: 18830-011, 18916-009, 18916-010
 Matrix Spike: 18848-012, 18916-009, 18916-010

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 733B	x	x			20g	10.0ml	GP / 1,1 / Rack # 26921
MBS 733B	x	x					/ 2,3 /
18888-002	18	7					/ 17,17
18888-003	19	8					/ 18,18
18888-004	20	9					/ 19,19
18916-009ms	x	x					/ 4,6 /
18916-010ms	x	x					/ 5,7 /
18916-008	1	1					/ 8,8 /
18916-001	2	2					/ 9,9 /
18916-004	3	3					/ 10,10 /
18916-005	4	4					/ 11,11 /
18916-013	5	5					/ 12,12 /
18916-016	6	6					/ 13,13 /
18916-019	7	7					/ 14,14 /
18916-022	8	8					/ 15,15 /
18888-005	9	9					/ 16,16
18873-005	10	10					/ 20,20
18873-008	11	11					/ 18,18 /
18873-009	12	12					/ 24,2,2
18873-015	13	13					/ 3,3 /
18873-018	14	14					/ 4,4 /
188937-001		15					/ 5,5 /
18932-001		16					/ 6 /
18886-008		17					/ 7 /
							/ /
							/ /
							/ /
							/ /
							/ /
							/ /
							/ /

Cleanup: Acid TBA Copper Florisil Other

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	Pest / PCB / Herb / Other
100	100	V-5452	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: GLN
 Received By: Kesell

Date: 8/9/05
 Date: 8/10/05

RUN LOG

Instrument: GC_3 Year: 2005

Analyst: JNK

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
3G08327	CAL EVAL	Is			Soil	1	1	8081	08/03 10:00	3G08334				
3G08328	CAL PEST@2PPB	IsC16C26C18C28			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	R18, R26	Rpd Out on MsMsd (col1 and or col2) 600 series
BBm	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
BBm	Blank 8000 series missing	Eio	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	Sc	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration check rts	Src	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 sample	T6	Outside of 800 series Tune time/Cal Time
D1c, D2c	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	M18a, M18b	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/preprundat	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	OC	Warning Compound(s) Over Calibration	Wf	Warning... Instrument Id not in TxLoc field

RUN LOG

Instrument: GC_5 Year: 2005

Analyst: JNK

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
5G03467.	CAL EVAL				Soil	1	1	8081	08/08 05:43	5G03376				
5G03468.	CAL PEST@50PPB	C16C26	C18C28		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				

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) 800 series
B6m	Blank 8000 series missing	Em	TopSolvent Extraction Date Missing/Not check'd	R16,R26	Retention Time Out Or %Diff Out
B6m	Blank 8000 series missing	Eto	Top Extraction Performed Outside of Hold	Ro	Can't Calculate Drift
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	600 series surrogate out
C16	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	8000 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (800 Series)	I16,I26	Initial cal 8000 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	Surrogate Diluted Out
	800 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Not Checked
	8000 series sample/blank did not have passing cal	Iv	Prob with calprf csv for int calibration check rts	Snc	Outside of 500 series Tune time/Cal Time
C6I	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning...ini cal file <- method...	T16	Outside of 8000 series Tune time/Cal Time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	Tm	Too Many Samples/ for beginning Calibration
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16,M26	Spike Out Col 1 and or Col 2 800 series	Trmw	If for 600 ser Too many samples begin Calibration
Onc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tn	Tune Not Checked
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	To	Tune File Failed
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Twe	Warning... Instrument Id not in TxtLoc field
Emp	Problem Checking Preprundates modcheckpreprund	Mnc	Spike Not Checked for this ms/msd		
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration		

RUN LOG

Instrument: GC_5 Year: 2005

Analyst: JNK

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
5G03492	CAL EVAL				Soil	1	1	8081	08/10 05:05	5G03469				
5G03493	CAL PEST@10PPB				Soil	5	1	608 8081	08/10 05:23	5G03469				
	13494, WMB2312				Aqueou	1	1	608 8081	08/10 05:57	5G03469	5G03493	5G03493	5G03510	
5G03495	WMB2312(MS)		WMB2312		Aqueou	1	1	608 8081	08/10 06:16	5G03469	5G03493	5G03493	5G03510	
5G03496	AC18991-002		WMB2312	PE-608	Aqueou	1	1	608	08/10 06:35	5G03469	5G03493	5G03493	5G03510	
5G03497	AC18991-002(MS)		WMB2312	PE-608	Aqueou	1	1	608 8081	08/10 06:54	5G03469	5G03493	5G03493	5G03510	
5G03498	AC18991-002(MSD)		WMB2312	PE-608	Aqueou	1	1	608 8081	08/10 07:13	5G03469	5G03493	5G03493	5G03510	
5G03499	AC18991-001			PE-608	Aqueou	1	1	608	08/10 07:31	5G03469	5G03493	5G03493	5G03510	
5G03500	AC18991-004			PE-608	Aqueou	1	1	608	08/10 07:50	5G03469	5G03493	5G03493	5G03510	
5G03501	AC18940-005			PE-8081	Aqueou	1	1	8081	08/10 08:09	5G03469		5G03493	5G03510	
5G03502	AC18916-001			PE-8081	Soil	1	1	8081	08/10 08:28	5G03469		5G03493	5G03510	
5G03503	AC18916-004			PE-8081	Soil	1	1	8081	08/10 08:47	5G03469		5G03493	5G03510	
5G03504	AC18916-005			PE-8081	Soil	1	1	8081	08/10 09:05	5G03469		5G03493	5G03510	
5G03505	AC18916-013			PE-8081	Soil	1	1	8081	08/10 09:24	5G03469		5G03493	5G03510	
5G03506	AC18916-016			PE-8081	Soil	1	1	8081	08/10 09:43	5G03469		5G03493	5G03510	
5G03507	AC18916-019			PE-8081	Soil	1	1	8081	08/10 10:02	5G03469		5G03493	5G03510	
5G03508	50PPB				Soil	1	1	8081	08/10 10:49	5G03469		5G03493	5G03510	
5G03509	50PPB				Soil	1	1	8081	08/10 11:56	5G03469		5G03493	5G03510	
5G03510	CAL PEST@50PPB	C26			Soil	1	1	608 8081	08/10 12:15	5G03469				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ac	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 8000 series
B6m	Blank 8000 series missing	EIn	Tcip/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	Tcip Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Dirf Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	8000 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 8000 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 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 chek rfs	Snc	Surrogate Not Checked
C6f	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning, ini cal file <-> method...	T15	Outside of 500 series Tune time
Cne	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	T16	Outside of 800 series Tune time/Cal Time
Cn	Calibration Not Checked for sample/blank/eval	M16,M26	Spike Out Col 1 and or Col 2 8000 series	T18	Outside of 8000 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Dnc	Drift Not Checked	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 800 ser Too many samples begin Calibration
Do	Drift Out	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Eba	An Extraction Before Collection Date	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
Emp	Problem Checking Preprundates modcheckpreprunda	TOc	Warning Compound(s) Over Calibration	Twe	Warning... Instrument Id not in TxtLoc field
En	Eval Time Not Checked				

RUN LOG

Instrument: GC_3 Year: 2005

Analyst: JJK

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
3G08504	CAL EVAL				Soil	1	1	8081	08/10 05:14	3G08334				
3G08505	CALPEST@100PPB	C16C26			Soil	0.5	1	608 8081	08/10 05:31	3G08334				
3G08506	SMB732B				Soil	1	1	8081	08/10 05:58	3G08334		3G08505	3G08527	
3G08507	SMB732B(MS)		SMB732B		Soil	1	1	8081	08/10 06:14	3G08334		3G08505	3G08527	
3G08508	AC18825-004			PE-8081	Soil	1	1	8081	08/10 06:30	3G08334		3G08505	3G08527	
3G08509	AC18830-018			PE-8081	Soil	1	1	8081	08/10 06:46	3G08334		3G08505	3G08527	
3G08510	AC18830-021			PE-8081	Soil	1	1	8081	08/10 07:03	3G08334		3G08505	3G08527	
3G08511	SMB733B				Soil	1	1	8081	08/10 07:19	3G08334		3G08505	3G08527	
3G08512	SMB733B(MS)		SMB733B		Soil	1	1	8081	08/10 07:36	3G08334		3G08505	3G08527	
3G08513	AC18916-008		SMB733B	PE-8081	Soil	1	1	8081	08/10 07:52	3G08334		3G08505	3G08527	
3G08514	AC18916-009(MS:AC1		SMB733B	PE-8081	Soil	1	1	8081	08/10 08:08	3G08334		3G08505	3G08527	
3G08515	AC18916-010(MSD:AM28R28		SMB733B	PE-8081	Soil	1	1	8081	08/10 08:25	3G08334		3G08505	3G08527	
3G08516	AC18916-022			PE-8081	Soil	1	1	8081	08/10 08:41	3G08334		3G08505	3G08527	
3G08517	AC18873-005			PE-8081	Soil	1	1	8081	08/10 08:57	3G08334		3G08505	3G08527	
3G08518	AC18873-008			PE-8081	Soil	1	1	8081	08/10 09:14	3G08334		3G08505	3G08527	
3G08519	AC18873-009			PE-8081	Soil	1	1	8081	08/10 09:30	3G08334		3G08505	3G08527	
3G08520	AC18873-015			PE-8081	Soil	1	1	8081	08/10 09:47	3G08334		3G08505	3G08527	
3G08521	AC18873-018			PE-8081	Soil	1	1	8081	08/10 10:03	3G08334		3G08505	3G08527	
3G08522	AC18888-002			PE-8081	Soil	1	1	8081	08/10 10:19	3G08334		3G08505	3G08527	
3G08523	AC18888-003			PE-8081	Soil	1	1	8081	08/10 10:36	3G08334		3G08505	3G08527	
3G08524	AC18888-004			PE-8081	Soil	1	1	8081	08/10 10:52	3G08334		3G08505	3G08527	
3G08525	AC18888-005			PE-8081	Soil	1	1	8081	08/10 11:09	3G08334		3G08505	3G08527	
3G08526	50PPB	Tm			Soil	1	1	8081	08/10 11:49	3G08334		3G08505	3G08527	
3G08527	CAL PEST@50PPB	C16			Soil	1	1	608 8081	08/10 12:05	3G08334				

Anc	Area Not Checked	Es	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ap	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 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 Not Found/Assigned	Eto	Tcp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Brl	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnt
C:14	Calibration Column 1 Out (800 Series)	Hb	Analysis Before Collection Date	S6	8000 series surrogate out
	Calibration Column 1 Out (8000 Series)	Hb	Sample Analyzed outside of hold time	S8	Acid and or BN Surrogate Out (800 series)
	Calibration Column 2 Out (800 Series)	I16,I28	Initial cal 8000 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (8000 series)
	Calibration Column 2 Out (8000 Series)	I16,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Col	8000 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C&I	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..ini cal file <- method..	T5	Outside of 8000 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	T6	Outside of 8000 series Tune time/Cal Time
D16,D26	Dnt Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 8000 series	T8	Outside of 8000 series Tune time/Cal Time
Dnc	Dnt Not Checked	M16a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Dnt Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 800 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	M18a,M18b	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument id not in TxtLoc field

Veritech Internally Prepared Standard Log

1457

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

1458

Veritech Lot Number: V-3815

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: PEST-INTERM.		BatchNumber:		
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

1459

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	n-Hexane	9950 ul	neat neat	
V-3815	PEST-INTERM.	50 ul	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	n-Hexane	9990 ul	neat neat	
V-3815	PEST-INTERM.	10 ul	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	n-Hexane	9998 ul	neat neat	
V-3815	PEST-INTERM.	2 ul	10 ppm	400 ppb

Veritech Standard Receipt Log

1480

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	1b23203	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

1461

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

1462

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-3166

Prepared By: Korytova, Jaroslava		Department: Organics		
Description: TCMX/DCB SGT		BatchNumber:		
Prep Date: 5/12/2005		Concentration: 10 ppm		
Expiration Date: 9/30/2005		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: 6/9/2005		Concentration: 10 ppm		
Expiration Date: 12/8/2005		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: 7/26/2005		Concentration: 10 ppm		
Expiration Date: 9/30/2005		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

1453

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

Veritech Internally Prepared Standard Log

1464

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-4044

Prepared By: Quimby, Richard		Department: Organics		
Description: Pest Spk		BatchNumber:		
Prep Date: 6/9/2005		Concentration: 10 ppm		
Expiration Date: 12/8/2005		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: 7/26/2005		Concentration: 10 ppm		
Expiration Date: 9/30/2005		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

165

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

Form 1
Inorganic Analysis Data Sheet

Sample ID: AC18916-001
Client Id: PCSB-50 (0.5)
Matrix: SOIL
Level: LOW

% Solid: 94
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-38-2	Arsenic	2.1	27	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-39-3	Barium	11	100	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-41-7	Beryllium	0.64	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-43-9	Cadmium	0.64	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-47-3	Chromium	5.3	15	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-50-8	Copper	5.3	62	100	08/15/05	6246	S6246A	20	P	PEICP1
7439-92-1	Lead	5.3	490	100	08/15/05	6246	S6246A	20	P	PEICP1
7439-97-6	Mercury	0.089	0.44	167	08/15/05	6246	H6246S	17	CV	HGCV1
7440-02-0	Nickel	5.3	17	100	08/15/05	6246	S6246A	20	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	20	P	PEICP1
7440-66-6	Zinc	11	390	100	08/15/05	6246	S6246A	20	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: AC18916-002
Client Id: PCSB-50 (4)
Matrix: SOIL
Level: LOW

% Solid: 95
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-38-2	Arsenic	2.1	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-39-3	Barium	11	18	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-43-9	Cadmium	0.63	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-47-3	Chromium	5.3	18	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-50-8	Copper	5.3	17	100	08/15/05	6246	S6246A	22	P	PEICP1
7439-92-1	Lead	5.3	25	100	08/15/05	6246	S6246A	22	P	PEICP1
7439-97-6	Mercury	0.088	ND	167	08/15/05	6246	H6246S	18	CV	HGCV1
7440-02-0	Nickel	5.3	6.8	100	08/15/05	6246	S6246A	22	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	22	P	PEICP1
7440-66-6	Zinc	11	37	100	08/15/05	6246	S6246A	22	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: AC18916-003
Client Id: PCSB-50 (12.5)
Matrix: SOIL
Level: LOW

% Solid: 68
Units: MG/KG
Date Rec: 8/4/2005

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	08/15/05	6246	S6246A	23	P	PEICP1
7440-38-2	Arsenic	2.9	3.4	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-39-3	Barium	15	160	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-41-7	Beryllium	0.88	ND	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-43-9	Cadmium	0.88	ND	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-47-3	Chromium	7.4	43	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-50-8	Copper	7.4	15	100	08/15/05	6246	S6246A	23	P	PEICP1
7439-92-1	Lead	7.4	18	100	08/15/05	6246	S6246A	23	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/15/05	6246	H6246S	19	CV	HGCV1
7440-02-0	Nickel	7.4	28	100	08/15/05	6246	S6246A	23	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-22-4	Silver	3.7	ND	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/15/05	6246	S6246A	23	P	PEICP1
7440-66-6	Zinc	15	68	100	08/15/05	6246	S6246A	23	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: AC18916-004	% Solid: 95	Lab Name: Veritech	Nras No:
Client Id: PCSB-45 (0.5)	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 8/4/2005	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	2.1	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-38-2	Arsenic	2.1	33	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-39-3	Barium	11	140	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-43-9	Cadmium	0.63	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-47-3	Chromium	5.3	21	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-50-8	Copper	5.3	73	100	08/15/05	6246	S6246A	24	P	PEICP1
7439-92-1	Lead	5.3	670	100	08/15/05	6246	S6246A	24	P	PEICP1
7439-97-6	Mercury	0.088	0.37	167	08/15/05	6246	H6246S	22	CV	HGCV1
7440-02-0	Nickel	5.3	20	100	08/15/05	6246	S6246A	24	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	24	P	PEICP1
7440-66-6	Zinc	11	450	100	08/15/05	6246	S6246A	24	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: AC18916-005
Client Id: PCSB-245 (0.5)
Matrix: SOIL
Level: LOW

% Solid: 94
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	3.3	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-38-2	Arsenic	2.1	79	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-39-3	Barium	11	130	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-41-7	Beryllium	0.64	ND	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-43-9	Cadmium	0.64	0.78	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-47-3	Chromium	5.3	31	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-50-8	Copper	5.3	110	100	08/15/05	6246	S6246A	25	P	PEICP1
7439-92-1	Lead	5.3	670	100	08/15/05	6246	S6246A	25	P	PEICP1
7439-97-6	Mercury	0.089	0.37	167	08/15/05	6246	H6246S	23	CV	HGCV1
7440-02-0	Nickel	5.3	33	100	08/15/05	6246	S6246A	25	P	PEICP1
7782-49-2	Selenium	1.9	2.6	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	25	P	PEICP1
7440-66-6	Zinc	11	420	100	08/15/05	6246	S6246A	25	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: AC18916-006
Client Id: PCSB-45 (3')
Matrix: SOIL
Level: LOW

% Solid: 89
Units: MG/KG
Date Rec: 8/4/2005

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	08/15/05	6246	S6246A	26	P	PEICP1
7440-38-2	Arsenic	2.2	44	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-39-3	Barium	11	93	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-43-9	Cadmium	0.67	ND	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-47-3	Chromium	5.6	16	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-50-8	Copper	5.6	36	100	08/15/05	6246	S6246A	26	P	PEICP1
7439-92-1	Lead	5.6	490	100	08/15/05	6246	S6246A	26	P	PEICP1
7439-97-6	Mercury	0.094	0.22	167	08/15/05	6246	H6246S	24	CV	HGCV1
7440-02-0	Nickel	5.6	16	100	08/15/05	6246	S6246A	26	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	26	P	PEICP1
7440-66-6	Zinc	11	270	100	08/15/05	6246	S6246A	26	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: AC18916-007
Client Id: PCSB-45 (10.5')
Matrix: SOIL
Level: LOW

% Solid: 61
Units: MG/KG
Date Rec: 8/4/2005

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	08/15/05	6246	S6246A	27	P	PEICP1
7440-38-2	Arsenic	3.3	5.8	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-39-3	Barium	16	110	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-41-7	Beryllium	0.98	ND	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-43-9	Cadmium	0.98	ND	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-47-3	Chromium	8.2	63	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-50-8	Copper	8.2	30	100	08/15/05	6246	S6246A	27	P	PEICP1
7439-92-1	Lead	8.2	38	100	08/15/05	6246	S6246A	27	P	PEICP1
7439-97-6	Mercury	0.14	0.25	167	08/15/05	6246	H6246S	25	CV	HGCV1
7440-02-0	Nickel	8.2	28	100	08/15/05	6246	S6246A	27	P	PEICP1
7782-49-2	Selenium	3.0	ND	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-22-4	Silver	4.1	ND	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/15/05	6246	S6246A	27	P	PEICP1
7440-66-6	Zinc	16	120	100	08/15/05	6246	S6246A	27	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: AC18916-008
Client Id: PCSB-48 (0.5)
Matrix: SOIL
Level: LOW

% Solid: 95
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-38-2	Arsenic	2.1	4.2	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-39-3	Barium	11	31	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-43-9	Cadmium	0.63	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-47-3	Chromium	5.3	16	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-50-8	Copper	5.3	20	100	08/15/05	6246	S6246A	13	P	PEICP1
7439-92-1	Lead	5.3	110	100	08/15/05	6246	S6246A	13	P	PEICP1
7439-97-6	Mercury	0.088	0.12	167	08/15/05	6246	H6246S	13	CV	HGCV1
7440-02-0	Nickel	5.3	13	100	08/15/05	6246	S6246A	13	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	13	P	PEICP1
7440-66-6	Zinc	11	51	100	08/15/05	6246	S6246A	13	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: AC18916-009	% Solid: 95	Lab Name: Veritech	Nras No:
Client Id: PCSB-48 (0.5')MS	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 8/4/2005	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	2.1	25	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-38-2	Arsenic	2.1	51	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-39-3	Barium	11	79	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-41-7	Beryllium	0.63	47	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-43-9	Cadmium	0.63	48	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-47-3	Chromium	5.3	64	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-50-8	Copper	5.3	67	100	08/15/05	6246	S6246A	15	P	PEICP1
7439-92-1	Lead	5.3	85	100	08/15/05	6246	S6246A	15	P	PEICP1
7439-97-6	Mercury	0.088	2.0	167	08/15/05	6246	H6246S	15	CV	HGCV1
7440-02-0	Nickel	5.3	62	100	08/15/05	6246	S6246A	15	P	PEICP1
7782-49-2	Selenium	1.9	46	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-22-4	Silver	2.6	47	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-28-0	Thallium	1.3	47	100	08/15/05	6246	S6246A	15	P	PEICP1
7440-66-6	Zinc	11	99	100	08/15/05	6246	S6246A	15	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: AC18916-010	% Solid: 97	Lab Name: Veritech	Nras No:
Client Id: PCSB-48 (0.5)MSD	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 8/4/2005	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	2.1	23	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-38-2	Arsenic	2.1	59	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-39-3	Barium	10	110	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-41-7	Beryllium	0.62	46	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-43-9	Cadmium	0.62	47	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-47-3	Chromium	5.2	65	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-50-8	Copper	5.2	87	100	08/15/05	6246	S6246A	16	P	PEICP1
7439-92-1	Lead	5.2	260	100	08/15/05	6246	S6246A	16	P	PEICP1
7439-97-6	Mercury	0.086	2.0	167	08/15/05	6246	H6246S	16	CV	HGCV1
7440-02-0	Nickel	5.2	65	100	08/15/05	6246	S6246A	16	P	PEICP1
7782-49-2	Selenium	1.9	45	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-22-4	Silver	2.6	46	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-28-0	Thallium	1.2	45	100	08/15/05	6246	S6246A	16	P	PEICP1
7440-66-6	Zinc	10	210	100	08/15/05	6246	S6246A	16	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: AC18916-011
Client Id: PCSB-48 (4')
Matrix: SOIL
Level: LOW

% Solid: 88
Units: MG/KG
Date Rec: 8/4/2005

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	08/15/05	6246	S6246A	28	P	PEICP1
7440-38-2	Arsenic	2.3	3.7	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-39-3	Barium	11	220	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-47-3	Chromium	5.7	14	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-50-8	Copper	5.7	23	100	08/15/05	6246	S6246A	28	P	PEICP1
7439-92-1	Lead	5.7	1100	100	08/15/05	6246	S6246A	28	P	PEICP1
7439-97-6	Mercury	0.095	0.22	167	08/15/05	6246	H6246S	26	CV	HGCV1
7440-02-0	Nickel	5.7	11	100	08/15/05	6246	S6246A	28	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/15/05	6246	S6246A	28	P	PEICP1
7440-66-6	Zinc	11	170	100	08/15/05	6246	S6246A	28	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: AC18916-012
Client Id: PCSB-48 (11')
Matrix: SOIL
Level: LOW

% Solid: 59
Units: MG/KG
Date Rec: 8/4/2005

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	3.4	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-38-2	Arsenic	3.4	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-39-3	Barium	17	130	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-47-3	Chromium	8.5	40	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-50-8	Copper	8.5	13	100	08/15/05	6246	S6246A	29	P	PEICP1
7439-92-1	Lead	8.5	17	100	08/15/05	6246	S6246A	29	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/15/05	6246	H6246S	27	CV	HGCV1
7440-02-0	Nickel	8.5	25	100	08/15/05	6246	S6246A	29	P	PEICP1
7782-49-2	Selenium	3.1	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-22-4	Silver	4.2	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/15/05	6246	S6246A	29	P	PEICP1
7440-66-6	Zinc	17	63	100	08/15/05	6246	S6246A	29	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: AC18916-013
Client Id: PCSB-47 (0.5')
Matrix: SOIL
Level: LOW

% Solid: 92
Units: MG/KG
Date Rec: 8/4/2005

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	2.6	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-38-2	Arsenic	2.2	100	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-39-3	Barium	11	73	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-47-3	Chromium	5.4	26	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-50-8	Copper	5.4	76	100	08/15/05	6246	S6246A	32	P	PEICP1
7439-92-1	Lead	5.4	260	100	08/15/05	6246	S6246A	32	P	PEICP1
7439-97-6	Mercury	0.091	0.25	167	08/15/05	6246	H6246S	28	CV	HGCV1
7440-02-0	Nickel	5.4	26	100	08/15/05	6246	S6246A	32	P	PEICP1
7782-49-2	Selenium	2.0	2.0	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	32	P	PEICP1
7440-66-6	Zinc	11	220	100	08/15/05	6246	S6246A	32	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: AC18916-014
Client Id: PCSB-47 (4.0')
Matrix: SOIL
Level: LOW

% Solid: 90
Units: MG/KG
Date Rec: 8/4/2005

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	08/15/05	6246	S6246A	33	P	PEICP1
7440-38-2	Arsenic	2.2	ND	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-39-3	Barium	11	69	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-43-9	Cadmium	0.67	0.67	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-47-3	Chromium	5.6	12	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-50-8	Copper	5.6	16	100	08/15/05	6246	S6246A	33	P	PEICP1
7439-92-1	Lead	5.6	35	100	08/15/05	6246	S6246A	33	P	PEICP1
7439-97-6	Mercury	0.093	0.25	167	08/15/05	6246	H6246S	29	CV	HGCV1
7440-02-0	Nickel	5.6	25	100	08/15/05	6246	S6246A	33	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/15/05	6246	S6246A	33	P	PEICP1
7440-66-6	Zinc	11	330	100	08/15/05	6246	S6246A	33	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: AC18916-015	% Solid: 64	Lab Name: Veritech	Nras No:
Client Id: PCSB-47 (10.5')	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 8/4/2005	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	3.1	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-38-2	Arsenic	3.1	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-39-3	Barium	16	130	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-41-7	Beryllium	0.94	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-43-9	Cadmium	0.94	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-47-3	Chromium	7.8	31	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-50-8	Copper	7.8	15	100	08/15/05	6246	S6246A	34	P	PEICP1
7439-92-1	Lead	7.8	59	100	08/15/05	6246	S6246A	34	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/15/05	6246	H6246S	30	CV	HGCV1
7440-02-0	Nickel	7.8	21	100	08/15/05	6246	S6246A	34	P	PEICP1
7782-49-2	Selenium	2.8	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-22-4	Silver	3.9	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-28-0	Thallium	1.9	ND	100	08/15/05	6246	S6246A	34	P	PEICP1
7440-66-6	Zinc	16	45	100	08/15/05	6246	S6246A	34	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: AC18916-016
Client Id: PCSB-49 (0.5')
Matrix: SOIL
Level: LOW

% Solid: 96
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-38-2	Arsenic	2.1	7.2	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-39-3	Barium	10	46	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-41-7	Beryllium	0.62	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-43-9	Cadmium	0.62	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-47-3	Chromium	5.2	18	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-50-8	Copper	5.2	23	100	08/15/05	6246	S6246A	35	P	PEICP1
7439-92-1	Lead	5.2	50	100	08/15/05	6246	S6246A	35	P	PEICP1
7439-97-6	Mercury	0.087	0.19	167	08/15/05	6246	H6246S	31	CV	HGCV1
7440-02-0	Nickel	5.2	26	100	08/15/05	6246	S6246A	35	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-28-0	Thallium	1.2	ND	100	08/15/05	6246	S6246A	35	P	PEICP1
7440-66-6	Zinc	10	93	100	08/15/05	6246	S6246A	35	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: AC18916-017
Client Id: PCSB-49 (4.0')
Matrix: SOIL
Level: LOW

% Solid: 71
Units: MG/KG
Date Rec: 8/4/2005

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	2.8	ND	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-38-2	Arsenic	2.8	22	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-39-3	Barium	14	96	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-41-7	Beryllium	0.85	ND	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-43-9	Cadmium	0.85	ND	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-47-3	Chromium	7.0	26	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-50-8	Copper	7.0	200	100	08/15/05	6246	S6246A	36	P	PEICP1
7439-92-1	Lead	7.0	540	100	08/15/05	6246	S6246A	36	P	PEICP1
7439-97-6	Mercury	0.12	5.6	167	08/15/05	6246	H6246S	34	CV	HGCV1
7440-02-0	Nickel	7.0	55	100	08/15/05	6246	S6246A	36	P	PEICP1
7782-49-2	Selenium	2.5	3.3	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-22-4	Silver	3.5	ND	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/15/05	6246	S6246A	36	P	PEICP1
7440-66-6	Zinc	14	300	100	08/15/05	6246	S6246A	36	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: AC18916-018
Client Id: PCSB-49 (11.0')
Matrix: SOIL
Level: LOW

% Solid: 48
Units: MG/KG
Date Rec: 8/4/2005

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	4.2	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-38-2	Arsenic	4.2	5.6	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-39-3	Barium	21	220	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-41-7	Beryllium	1.2	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-43-9	Cadmium	1.2	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-47-3	Chromium	10	46	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-50-8	Copper	10	21	100	08/15/05	6246	S6246A	37	P	PEICP1
7439-92-1	Lead	10	18	100	08/15/05	6246	S6246A	37	P	PEICP1
7439-97-6	Mercury	0.17	ND	167	08/15/05	6246	H6246S	35	CV	HGCV1
7440-02-0	Nickel	10	27	100	08/15/05	6246	S6246A	37	P	PEICP1
7782-49-2	Selenium	3.7	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-22-4	Silver	5.2	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-28-0	Thallium	2.5	ND	100	08/15/05	6246	S6246A	37	P	PEICP1
7440-66-6	Zinc	21	42	100	08/15/05	6246	S6246A	37	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: AC18916-019
Client Id: PCSB-44 (0.5')
Matrix: SOIL
Level: LOW

% Solid: 96
Units: MG/KG
Date Rec: 8/4/2005

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	2.1	2.5	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-38-2	Arsenic	2.1	23	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-39-3	Barium	10	750	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-41-7	Beryllium	0.62	ND	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-43-9	Cadmium	0.62	3.3	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-47-3	Chromium	5.2	21	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-50-8	Copper	5.2	220	100	08/15/05	6246	S6246A	38	P	PEICP1
7439-92-1	Lead	26	5400	500	08/16/05	6246	S6247A	51	P	PEICP1
7439-97-6	Mercury	0.087	3.3	167	08/15/05	6246	H6246S	36	CV	HGCV1
7440-02-0	Nickel	5.2	28	100	08/15/05	6246	S6246A	38	P	PEICP1
7782-49-2	Selenium	1.9	2.3	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-28-0	Thallium	1.2	ND	100	08/15/05	6246	S6246A	38	P	PEICP1
7440-66-6	Zinc	10	2900	100	08/15/05	6246	S6246A	38	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: AC18916-020	% Solid: 73	Lab Name: Veritech	Nras No:
Client Id: PCSB-44 (4.5)	Units: MG/KG	Lab Code:	Sdg No:
Matrix: SOIL	Date Rec: 8/4/2005	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	2.7	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-38-2	Arsenic	2.7	31	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-39-3	Barium	14	89	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-41-7	Beryllium	0.82	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-43-9	Cadmium	0.82	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-47-3	Chromium	6.8	22	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-50-8	Copper	6.8	32	100	08/15/05	6246	S6246A	39	P	PEICP1
7439-92-1	Lead	6.8	280	100	08/15/05	6246	S6246A	39	P	PEICP1
7439-97-6	Mercury	0.11	0.41	167	08/15/05	6246	H6246S	37	CV	HGCV1
7440-02-0	Nickel	6.8	23	100	08/15/05	6246	S6246A	39	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-22-4	Silver	3.4	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/15/05	6246	S6246A	39	P	PEICP1
7440-66-6	Zinc	14	420	100	08/15/05	6246	S6246A	39	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: AC18916-021
Client Id: PCSB-44 (11.5)
Matrix: SOIL
Level: LOW

% Solid: 69
Units: MG/KG
Date Rec: 8/4/2005

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	08/16/05	6247	S6247A	40	P	PEICP1
7440-38-2	Arsenic	2.9	3.3	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-39-3	Barium	14	170	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-41-7	Beryllium	0.87	1.1	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-43-9	Cadmium	0.87	ND	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-47-3	Chromium	7.2	42	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-50-8	Copper	7.2	16	100	08/16/05	6247	S6247A	40	P	PEICP1
7439-92-1	Lead	7.2	15	100	08/16/05	6247	S6247A	40	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/16/05	6247	H6247S	31	CV	HGCV1
7440-02-0	Nickel	7.2	30	100	08/16/05	6247	S6247A	40	P	PEICP1
7782-49-2	Selenium	2.6	ND	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-22-4	Silver	3.6	ND	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/16/05	6247	S6247A	40	P	PEICP1
7440-66-6	Zinc	14	67	100	08/16/05	6247	S6247A	40	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: AC18916-022
Client Id: PCSB-55 (0.5)
Matrix: SOIL
Level: LOW

% Solid: 92
Units: MG/KG
Date Rec: 8/4/2005

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	3.9	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-38-2	Arsenic	2.2	75	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-39-3	Barium	11	770	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-43-9	Cadmium	0.65	3.7	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-47-3	Chromium	5.4	18	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-50-8	Copper	5.4	250	100	08/16/05	6247	S6247A	41	P	PEICP1
7439-92-1	Lead	27	6200	500	08/16/05	6247	S6247A	52	P	PEICP1
7439-97-6	Mercury	0.091	ND	167	08/16/05	6247	H6247S	34	CV	HGCV1
7440-02-0	Nickel	5.4	27	100	08/16/05	6247	S6247A	41	P	PEICP1
7782-49-2	Selenium	2.0	2.1	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/16/05	6247	S6247A	41	P	PEICP1
7440-66-6	Zinc	11	2700	100	08/16/05	6247	S6247A	41	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: AC18916-023
Client Id: PCSB-55 (3.5)
Matrix: SOIL
Level: LOW

% Solid: 86
Units: MG/KG
Date Rec: 8/4/2005

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	08/16/05	6247	S6247A	42	P	PEICP1
7440-38-2	Arsenic	2.3	7.0	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-39-3	Barium	12	95	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-41-7	Beryllium	0.70	ND	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-43-9	Cadmium	0.70	ND	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-47-3	Chromium	5.8	16	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-50-8	Copper	5.8	120	100	08/16/05	6247	S6247A	42	P	PEICP1
7439-92-1	Lead	5.8	160	100	08/16/05	6247	S6247A	42	P	PEICP1
7439-97-6	Mercury	0.097	ND	167	08/16/05	6247	H6247S	35	CV	HGCV1
7440-02-0	Nickel	5.8	15	100	08/16/05	6247	S6247A	42	P	PEICP1
7782-49-2	Selenium	2.1	ND	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/16/05	6247	S6247A	42	P	PEICP1
7440-66-6	Zinc	12	650	100	08/16/05	6247	S6247A	42	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: AC18916-024
Client Id: PCSB-55 (11)
Matrix: SOIL
Level: LOW

% Solid: 74
Units: MG/KG
Date Rec: 8/4/2005

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	2.7	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-38-2	Arsenic	2.7	3.9	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-39-3	Barium	14	150	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-41-7	Beryllium	0.81	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-43-9	Cadmium	0.81	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-47-3	Chromium	6.8	39	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-50-8	Copper	6.8	18	100	08/16/05	6247	S6247A	43	P	PEICP1
7439-92-1	Lead	6.8	250	100	08/16/05	6247	S6247A	43	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	08/16/05	6247	H6247S	36	CV	HGCV1
7440-02-0	Nickel	6.8	26	100	08/16/05	6247	S6247A	43	P	PEICP1
7782-49-2	Selenium	2.4	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-22-4	Silver	3.4	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/16/05	6247	S6247A	43	P	PEICP1
7440-66-6	Zinc	14	77	100	08/16/05	6247	S6247A	43	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: AC18916-025
Client Id: FB080305
Matrix: AQUEOUS
Level: LOW

% Solid: 0
Units: UG/L
Date Rec: 8/4/2005

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	20	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-38-2	Arsenic	20	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-39-3	Barium	100	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-41-7	Beryllium	6.0	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-43-9	Cadmium	6.0	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-47-3	Chromium	50	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-50-8	Copper	50	ND		108/16/05	6247	S6247A	44	P	PEICP1
7439-92-1	Lead	50	ND		108/16/05	6247	S6247A	44	P	PEICP1
7439-97-6	Mercury	0.50	ND		108/16/05	6247	H6247S	37	CV	HGCV1
7440-02-0	Nickel	50	ND		108/16/05	6247	S6247A	44	P	PEICP1
7782-49-2	Selenium	18	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-22-4	Silver	25	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-28-0	Thallium	12	ND		108/16/05	6247	S6247A	44	P	PEICP1
7440-66-6	Zinc	100	ND		108/16/05	6247	S6247A	44	P	PEICP1

Comments: _____

Flag Codes:

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

Metal Data
QC Data

FORM 2 (ICV/CCV Summary)

Date Analyzed: 08/15/05
 Data File: S6246A
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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-4510-18		CCV V-4510-30		CCV V-4510-42		Rec	Rec	Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec								
Antimony	.5	0.99750	100	0.51234	102	0.50861	102	0.50727	101						
Arsenic	.5	0.99819	100	0.51371	103	0.51207	102	0.50996	102						
Barium	.5	0.99399	99	0.51580	103	0.51381	103	0.51138	102						
Beryllium	.5	0.99885	100	0.50573	101	0.50820	102	0.50557	101						
Cadmium	.5	0.99655	100	0.51022	102	0.51139	102	0.50971	102						
Chromium	.5	1.00310	100	0.52277	105	0.51556	103	0.52082	104						
Copper	.5	1.00243	100	0.50031	100	0.49962	100	0.50029	100						
Lead	.5	0.99681	100	0.51164	102	0.51005	102	0.50882	102						
Nickel	.5	0.99882	100	0.51463	103	0.51178	102	0.50994	102						
Selenium	.5	0.99824	100	0.50988	102	0.50696	101	0.50556	101						
Silver	.5	1.00619	101	0.48545	97	0.48716	97	0.48547	97						
Thallium	.5	1.02570	103	0.51678	103	0.51332	103	0.51160	102						
Zinc	.5	1.00571	101	0.52859	105	0.52378	105	0.53173	106						

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: 08/16/05
 Data File: S6247A
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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- 4510-28	CCV V- 4510-38	CCV V- 4510-49	CCV V- 4510-55										
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec					
Lead	.5	0.98818	99	0.49468	99	0.49174	98	0.48804	97	0.48885	98	0.48427	97				

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: 08/16/05
 Data File: S6247A
 Prep Batch: 6247
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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- 4510-18	CCV V- 4510-28	CCV V- 4510-38	CCV V- 4510-49	CCV V- 4510-55										
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec					
Antimony	.5	0.99611	100	0.50794	102	0.50812	102	0.50679	101	0.50398	101	0.50244	100				
Arsenic	.5	0.99340	99	0.51575	103	0.51843	103	0.51449	103	0.51665	103	0.51044	102				
Barium	.5	0.97314	97	0.48421	97	0.48463	97	0.48502	97	0.48779	98	0.47811	96				
Beryllium	.5	0.99950	100	0.51209	102	0.50914	102	0.50204	100	0.49680	99	0.50807	102				
Cadmium	.5	0.98559	99	0.50073	100	0.49833	99	0.49033	98	0.48692	97	0.49659	99				
Chromium	.5	1.00661	101	0.51258	103	0.51162	102	0.51031	102	0.50950	102	0.50232	100				
Copper	.5	0.98034	98	0.48793	98	0.49145	98	0.48887	98	0.49255	99	0.47723	95				
Lead	.5	0.98818	99	0.49468	99	0.49174	98	0.48604	97	0.48885	98	0.48427	97				
Nickel	.5	0.99050	99	0.49885	100	0.50066	100	0.49888	100	0.50186	100	0.48652	97				
Selenium	.5	1.00074	100	0.50555	101	0.50707	101	0.50439	101	0.50306	101	0.50845	102				
Silver	.5	0.99305	99	0.47790	96	0.47535	95	0.46740	93	0.46610	93	0.46931	94				
Thallium	.5	1.01788	102	0.51005	102	0.50320	101	0.49037	98	0.48965	98	0.50285	101				
Zinc	.5	1.01525	102	0.52088	104	0.52182	104	0.51424	103	0.50919	102	0.51692	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 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

FORM 2 (ICV/CCV Summary)

Date Analyzed: 08/15/05
 Data File: H6246S
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	Spk Amt ⁸	ICV	CCV-20		CCV-32		CCV-38		Rec	Rec	Rec	Rec	Rec	Rec	Rec	
		1183 (2)-	Rec	Rec	Rec	Rec	Rec	Rec								Rec
Mercury	10	20.0208	100	10.2152	102	10.2011	102	10.3360	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)

Date Analyzed: 08/16/05
Data File: H6247S
Prep Batch: 6247
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5080412

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

Analyte	ICV		CCV-20		CCV-32		CCV-40									
	Spk Amt	1183 (2)- 8	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	10	20.3344	102	10.5194	105	10.7011	107	10.8592	109							

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 3 (ICB/CCB/MB Summary)

Date Analyzed: 08/15/05
 Data File: S6246A
 Prep Batch: 6246
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	ICB V-5157-7	CCB-19	CCB-31	CCB-43	MB 6246 (100)- 10			
Antimony	.02 U	.02 U	.02 U	.02 U	2 U			
Arsenic	.02 U	.02 U	.02 U	.02 U	2 U			
Barium	.1 U	.1 U	.1 U	.1 U	10 U			
Beryllium	.006 U	.006 U	.006 U	.006 U	.6 U			
Cadmium	.006 U	.006 U	.006 U	.006 U	.6 U			
Chromium	.05 U	.05 U	.05 U	.05 U	5 U			
Copper	.05 U	.05 U	.05 U	.05 U	5 U			
Lead	.05 U	.05 U	.05 U	.05 U	5 U			
Nickel	.05 U	.05 U	.05 U	.05 U	5 U			
Selenium	.018 U	.018 U	.018 U	.018 U	1.8 U			
Silver	.025 U	.025 U	.025 U	.025 U	2.5 U			
Thallium	.012 U	.012 U	.012 U	.012 U	1.2 U			
Zinc	.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)

Date Analyzed: 08/16/05
 Data File: S6247A
 Prep Batch: 6246
 Reporting Limits Used: SOIL,SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	ICB V-5157-7	CCB-19	CCB-29	CCB-39	CCB-50	CCB-56	
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	.05 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)

Date Analyzed: 08/16/05
 Data File: S6247A
 Prep Batch: 6247
 Reporting Limits Used: SOIL, SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	ICB V-5157-7	CCB-19	CCB-29	CCB-39	CCB-50	CCB-56	MB 6247 (100)-10	MB FB (1)-45
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	2 U	.02 U
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U	2 U	.02 U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	.018 U	1.8 U	.018 U
Silver	.025 U	.025 U	.025 U	.025 U	.025 U	.025 U	2.5 U	.025 U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	.012 U	1.2 U	.012 U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	10 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)

Date Analyzed: 08/15/05
 Data File: H6246S
 Prep Batch: 6246
 Reporting Limits Used: SOIL,SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	ICB-9	CCB-21	CCB-33	CCB-39	MB 6246 (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

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/16/05
 Data File: H6247S
 Prep Batch: 6247
 Reporting Limits Used: SOIL, SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	ICB-9	CCB-21	CCB-33	CCB-41	MB 6247 (167)- 10	MB FB-38		
Mercury	.5 U	.5 U	.5 U	.5 U	84 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

FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 08/15/05
 Data File: S6246A
 Prep Batch: 6246
 Reporting Limits Used: SOIL,SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5080412

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-4505-40		ICSAB V-4506-41		Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec						
Aluminum	500	443.8141	89	448.58500	90	444.3169	89	448.18240	90				
Antimony	1	U		0.98535	99	U		0.98202	98				
Arsenic	1	U		1.01144	101	U		0.99948	100				
Barium	.5	U		0.47070	94	U		0.46741	93				
Beryllium	.5	U		0.48833	98	U		0.48778	98				
Cadmium	1	U		0.92801	93	U		0.92774	93				
Calcium	500	444.6371	89	444.99800	89	445.2993	89	444.41840	89				
Chromium	.5	U		0.48138	96	U		0.47899	96				
Copper	.5	U		0.50947	102	U		0.50857	102				
Iron	200	175.8219	88	177.23560	89	175.9921	88	176.61610	88				
Lead	1	U		0.95153	95	U		0.95692	96				
Magnesium	500	488.3182	98	502.51460	101	489.0923	98	502.48810	100				
Nickel	1	U		0.93482	93	U		0.93434	93				
Selenium	1	U		0.94545	95	U		0.94264	94				
Silver	1	U		1.05319	105	U		1.05134	105				
Thallium	1	U		0.97217	97	U		0.97103	97				
Zinc	1	U		0.88877	89	U		0.89932	90				

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: 08/16/05
 Data File: S6247A
 Prep Batch: 6246
 Reporting Limits Used: SOIL,SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5080412

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-4505-53		ICSAB V-4506-54		Rec	Rec	Rec	Rec
		Rec	Rec	Rec	Rec	Rec	Rec						
Aluminum	500	437.1485	87	441.05450	88	424.2248	85	425.89400	85				
Calcium	500	432.8785	87	432.54370	87	425.4468	85	421.23660	84				
Iron	200	173.7116	87	174.16230	87	170.4773	85	171.26090	86				
Lead	1	U		0.93758	94	U		0.90800	91				
Magnesi	500	485.7361	97	500.83020	100	466.7724	93	485.71550	97				

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: 08/16/05
 Data File: S6247A
 Prep Batch: 6247
 Reporting Limits Used: SOIL,SW846
 Instrument: PEICP1
 Units: ppm
 Project Number: 5080412

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-4505-36		ICSAB V-4506-37		ICSA V-4505-47		ICSAB V-4506-48		ICSA V-4505-53		ICSAB V-4506-54	
		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	
Aluminum	500	437.1485	87	441.05450	88	426.9087	85	429.54420	86	427.0359	85	428.32340	86	424.2248	85	425.89400	85
Antimony	1	U		0.98741	99	U		0.98416	98	U		0.97678	98	U		0.96429	96
Arsenic	1	U		1.00579	101	U		1.01514	102	U		1.02203	102	U		0.99731	100
Barium	.5	U		0.45151	90	U		0.44160	88	U		0.44604	89	U		0.43613	87
Beryllium	.5	U		0.49009	98	U		0.48367	97	U		0.47855	96	U		0.48465	97
Cadmium	1	U		0.91132	91	U		0.88917	89	U		0.88486	88	U		0.89688	90
Calcium	500	432.8785	87	432.54370	87	424.9551	85	425.04330	85	428.9041	86	427.17040	85	425.4468	85	421.23660	84
Chromium	.5	U		0.47146	94	U		0.46943	94	U		0.47193	94	U		0.45903	92
Copper	.5	U		0.49387	99	U		0.49102	98	U		0.49885	100	U		0.48572	97
Iron	200	173.7116	87	174.16230	87	170.9165	85	171.53670	86	170.8845	85	171.43990	86	170.4773	85	171.26090	86
Lead	1	U		0.93758	94	U		0.91687	92	U		0.91497	91	U		0.90800	91
Magnesium	500	485.7361	97	500.83020	100	472.6666	95	484.77790	97	470.0558	94	480.85550	96	466.7724	93	485.71550	97
Nickel	1	U		0.91768	92	U		0.91532	92	U		0.91935	92	U		0.89274	89
Selenium	1	U		0.94450	94	U		0.94393	94	U		0.93755	94	U		0.94132	94
Silver	1	U		1.03490	103	U		1.00717	101	U		1.00845	101	U		1.00720	101
Thallium	1	U		0.96756	97	U		0.95024	95	U		0.92976	93	U		0.94490	94
Zinc	1	U		0.88129	88	U		0.86783	87	U		0.86565	87	U		0.86634	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 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 08/15/05
 Data File: S6246A
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412
 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 AC18916- 008-13		AC18916- 009-15-1X	%REC OR Conc	AC18916- 010-16-1X	%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	0.2341343	47 a	0.2264529	45 a	0.4853605	.485	0.4876141	.488	
Arsenic	.5000	.500	.3726 - .6274	0.03942639		0.4842009	89	0.5701203	106	0.4821948	.482	0.4888126	.489	
Barium	.5000	.500	.3726 - .6274	0.29159525		0.7534204	92	1.1035188	162 a	0.4968174	.497	0.4988027	.499	
Beryllium	.5000	.500	.3726 - .6274	0.006	U	0.4440681	89	0.4478130	90	0.4803748	.48	0.4823355	.482	
Cadmium	.5000	.500	.3726 - .6274	0.006	U	0.4513693	90	0.4553076	91	0.4921643	.492	0.4928782	.493	
Chromium	.5000	.500	.3726 - .6274	0.15644698		0.6104306	91	0.6294576	95	0.4994750	.499	0.5031897	.503	
Copper	.5000	.500	.3726 - .6274	0.1940732		0.634519	88	0.8438817	130 a	0.4866135	.487	0.4880831	.488	
Lead	.5000	.500	.3726 - .6274	1.05072704		0.8045958	-49 a	2.5121866	292 a	0.4893784	.489	0.4915839	.492	
Nickel	.5000	.500	.3726 - .6274	0.12304207		0.5896970	93	0.6261650	101	0.4911596	.491	0.4961371	.496	
Selenium	.5000	.500	.3726 - .6274	0.018	U	0.4360343	87	0.4413080	88	0.4646229	.465	0.4699932	.47	
Silver	.5000	.500	.3726 - .6274	0.025	U	0.4448836	89	0.4490913	90	0.4758292	.476	0.4782259	.478	
Thallium	.5000	.500	.3726 - .6274	0.012	U	0.4479949	90	0.4379002	88	0.4887916	.489	0.4883953	.488	
Zinc	.5000	.500	.3726 - .6274	0.48853714		0.9374507	90	2.0044763	303 a	0.5018927	.502	0.5051586	.505	

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: 08/16/05
 Data File: S6247A
 Prep Batch: 6247
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412
 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 AC18922- 001-13	AC18922- 001-15-1X	%REC OR Conc	AC18922- 001-16-1X	%REC OR Conc	LCS 100- 11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	LCSW-46- 1X	%REC OR Conc
	MS-Tcip MS-Aq MS-soil	LCS Soil Aq												
Antimony	.5000	0.500	75 - 125	0.02342113	0.4615895	88	0.4339318	82	0.4802298	.48	0.4929967	.493	0.4918155	98
Arsenic	.5000	0.500	75 - 125	0.07542639	0.5374775	92	0.5173709	88	0.4784459	.478	0.4899353	.49	0.5009217	100
Barium	.5000	0.500	75 - 125	0.311923	0.7921488	96	0.7059564	79	0.4752372	.475	0.4796987	.48	0.4821462	96
Beryllium	.5000	0.500	75 - 125	0.00822279	0.4802937	94	0.4599041	90	0.4821227	.482	0.4931227	.493	0.4842111	97
Cadmium	.5000	0.500	75 - 125	0.0099386	0.4802281	94	0.4597344	90	0.4839187	.484	0.4938653	.494	0.4830646	97
Chromium	.5000	0.500	75 - 125	0.07798973	0.5502979	94	0.5339548	91	0.4995363	.5	0.5051065	.505	0.5089190	102
Copper	.5000	0.500	75 - 125	0.43252509	0.8897101	91	0.8536269	84	0.4783827	.478	0.4843061	.484	0.4886447	98
Lead	.5000	0.500	75 - 125	0.67291659	1.1165349	89	1.0969015	85	0.476896	.477	0.4874837	.487	0.4868549	97
Nickel	.5000	0.500	75 - 125	0.10931807	0.5673406	92	0.5465652	87	0.4805278	.481	0.4896844	.49	0.4972977	99
Selenium	.5000	0.500	75 - 125	0.02924307	0.4769703	90	0.4572030	86	0.4660647	.466	0.4763890	.476	0.4749392	95
Silver	.5000	0.500	75 - 125	0.025 U	0.4694225	94	0.4485299	90	0.4674760	.467	0.4875947	.488	0.4888514	98
Thallium	.5000	0.500	75 - 125	0.012 U	0.4709137	94	0.4556837	91	0.4867001	.487	0.4963462	.496	0.4763740	95
Zinc	.5000	0.500	75 - 125	1.28059754	1.7347541	91	1.7676995	97	0.5223718	.522	0.5127254	.513	0.5132321	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)

FORM 5/FORM 7 SPIKE/LCS RECOVERY

Date Analyzed: 08/15/05
 Data File: H6246S
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412
 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 AC18916- 008-13	AC18916- 009-15-1X	%REC OR Conc	AC18916- 010-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR- 12-1X	%REC OR Conc	%REC OR Conc
	MS-Tdp MS-Aq MS-soil	LCS Soil Aq											
Mercury	10	10.00	7.50 - 12.5	0.71008808	11.414283	107	11.499307	108	10.559954	10.6	10.829734	10.8	

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: 08/16/05
 Data File: H6247S
 Prep Batch: 6247
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412
 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 AC18922- 001-13	AC18922- 001-15-1X	%REC OR Conc	AC18922- 001-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR- 12-1X	%REC OR Conc	LCSW-39- 1X	%REC OR Conc
	MS-Tclp MS-Aq MS-soil	LCS Soil Aq												
Mercury	10	10	75 - 125	0.60368125	10.883130	103	10.607783	100	10.744668	10.7	10.531557	10.5	10.550995	106

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

Date Analyzed: 08/15/05
 Data File: S6246A
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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

Analyte	Qc Limits		Sample			LCS			LCS MR			Sample			Serial Dil		
	LCS/MR	SD	AC18916-008-13	AC18916-008-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18916-001-20	AC18916-001-21	%Diff						
Antimony	<=20	<=10	0.02 U	0.02 U	---				0.00877091	0.01005 U	---						
Arsenic	<=20	<=10	0.03942639	0.04853469	21 Nb				0.25764373	0.23540275	8.6						
Barium	<=20	<=10	0.29159525	0.30477280	4.4				0.93796692	0.9612563	2.5						
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00286325	0.00031145	89 Sb						
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.00292922	0.0032775	12 Sb						
Chromium	<=20	<=10	0.15644698	0.17786037	13				0.14548535	0.1581489	8.7						
Copper	<=20	<=10	0.19407320	0.19694965	1.5				0.58362062	0.57236395	1.9						
Lead	<=20	<=10	1.05072704	0.40726757	88 Na	0.48937844	0.49158398	.45	4.61305735	4.5887901	0.53						
Nickel	<=20	<=10	0.12304207	0.13834476	12				0.16034893	0.1768287	10						
Selenium	<=20	<=10	0.018 U	0.018 U	---				0.01493143	0.01968715	32 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	0.48853714	0.49952777	2.2				3.62582657	3.81843665	5.3						

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

Date Analyzed: 08/16/05
 Data File: S6247A
 Prep Batch: 6247
 Analytical Method: SW846
 Instrument: PEICP1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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	AC18922-001-13	AC18922-001-14		LCS 100-11	LCS 100 MR-12		AC18922-002-20	AC18922-002-21	
Antimony	<=20	<=10	0.02342113	0.02403768	2.6				0.22022363	0.20771495	5.7
Arsenic	<=20	<=10	0.07542639	0.06720482	12				0.04486332	0.0191755	57 Sb
Barium	<=20	<=10	0.31192300	0.27311563	13				0.20572990	0.2013324	2.1
Beryllium	<=20	<=10	0.00822279	0.00729928	12				0.01449875	0.0113005	22 Sa
Cadmium	<=20	<=10	0.00993860	0.00737158	30 Nb				0.000118 U	0.00059 U	---
Chromium	<=20	<=10	0.07798973	0.07630607	2.2				0.09792793	0.10577565	8
Copper	<=20	<=10	0.43252509	0.42857699	0.92				0.91260782	0.88680815	2.8
Lead	<=20	<=10	0.67291659	0.65143353	3.2				1.82556542	1.7654684	3.3
Nickel	<=20	<=10	0.10931807	0.09563520	13				0.21165191	0.22091645	4.4
Selenium	<=20	<=10	0.02924307	0.02680855	8.7				0.00939236	0.0138092	47 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	1.28059754	1.38585830	7.9				2.08196574	2.0438624	1.8

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

Date Analyzed: 08/15/05
 Data File: H6246S
 Prep Batch: 6246
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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	AC18916-008-13	AC18916-008-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	0.71008808	1.07180033	41 Nb						

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

Date Analyzed: 08/16/05
 Data File: H6247S
 Prep Batch: 6247
 Analytical Method: SW846
 Instrument: HGCV1
 Units: All units in ppm except Hg in ppb
 Project Number: 5080412

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	AC18922-001-13	AC18922-001-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	0.60368125	.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

1516

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

**HGCV1
IDL / MDL / RL
SUMMARY**

Element: Mercury
Instrument: PE FIMS 100
Technique: CV

MDL Source: 671
Instrument ID: HgCV 1
Analyst John L. Soules

<u>Bath IDL/MDL</u> 600 Series	METHOD	IDL (ppb)	Date Completed	MDL (ppb)	Date Completed	RL (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
<u>Block IDL/MDL</u> 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

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

<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

Run Log

Data File: W:\METALS.FRM\ICPDATA\pelcp\IS6246A.TXT

Instrument: PEICP1

Analysis Date: 08/15/05



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	18:59	1						
Calib Std 1	1	CAL	19:02	2						
Calib Std 2	1	CAL	19:05	3						
Calib Std 3	1	CAL	19:07	4						
ICS V-4509	1	ICS	19:11	5						
ICV V-4847 (2)	1	ICV	19:14	6						
ICB V-5157	1	ICB	19:17	7						
ICSA V-4505	1	ICSA	19:20	8						
ICSAB V-4506	1	ICSAB	19:24	9						
MB 6246 (100)	1	MB	19:27	10		SOIL	SOIL	SW846	6246	
LCS 100	1	LCS	19:30	11		SOIL	SOIL	SW846	6246	
LCS 100 MR	1	LCS	19:34	12		SOIL	SOIL	SW846	6246	
AC18916-008	1	SMP	19:38	13	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-008	1	MR	19:41	14	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-009	1	MS	19:44	15	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-010	1	MS	19:48	16	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-008	1	PS	19:52	17	PPMETALS-S	SOIL	SOIL	SW846	6246	
CCV V-4510	1	CCV	19:56	18						
CCB	1	CCB	19:59	19						
AC18916-001	1	SMP	20:02	20	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-001	5	SD	20:06	21	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-002	1	SMP	20:09	22	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-003	1	SMP	20:12	23	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-004	1	SMP	20:15	24	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-005	1	SMP	20:19	25	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-006	1	SMP	20:23	26	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-007	1	SMP	20:26	27	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-011	1	SMP	20:29	28	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-012	1	SMP	20:33	29	PPMETALS-S	SOIL	SOIL	SW846	6246	
CCV V-4510	1	CCV	20:36	30						
CCB	1	CCB	20:40	31						
AC18916-013	1	SMP	20:43	32	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-014	1	SMP	20:46	33	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-015	1	SMP	20:49	34	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-016	1	SMP	20:53	35	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-017	1	SMP	20:56	36	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-018	1	SMP	20:59	37	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-019	1	SMP	21:03	38	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-020	1	SMP	21:07	39	PPMETALS-S	SOIL	SOIL	SW846	6246	
ICSA V-4505	1	ICSA	21:10	40						
ICSAB V-4506	1	ICSAB	21:14	41						
CCV V-4510	1	CCV	21:17	42						
CCB	1	CCB	21:20	43						

Shiamal Bt = 8/16/05

all 8/16/05

Shiamal Bt = 8/16/05



Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcp1\S6247A.TXT

Instrument: PEICP1

Analysis Date: 08/16/05

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	09:04	1						
Calib Std 1	1	CAL	09:07	2						
Calib Std 2	1	CAL	09:10	3						
Calib Std 3	1	CAL	09:13	4						
ICS V-4509	1	ICS	09:15	5						
ICV V-4847 (2)	1	ICV	09:19	6						
ICB V-5157	1	ICB	09:22	7						
ICSA V-4505	1	ICSA	09:26	8						
ICSAB V-4506	1	ICSAB	09:29	9						
MB 6247 (100)	1	MB	09:32	10		SOIL	SOIL	SW846	6247	
LCS 100	1	LCS	09:35	11		SOIL	SOIL	SW846	6247	
LCS 100 MR	1	LCS	09:39	12		SOIL	SOIL	SW846	6247	
AC18922-001	1	SMP	09:43	13	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MR	09:46	14	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:49	15	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:53	16	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	PS	09:57	17	MET-RCRA-S	SOIL	SOIL	SW846	6247	
CCV V-4510	1	CCV	10:01	18						
CCB	1	CCB	10:04	19						
AC18922-002	1	SMP	10:07	20	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-002	5	SD	10:10	21	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-003	1	SMP	10:14	22	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-004	1	SMP	10:18	23	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-005	1	SMP	10:21	24	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-006	1	SMP	10:24	25	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-007	1	SMP	10:28	26	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-008	1	SMP	10:31	27	MET-RCRA-S	SOIL	SOIL	SW846	6247	
CCV V-4510	1	CCV	10:35	28						
CCB	1	CCB	10:38	29						
AC18922-009	1	SMP	10:41	30	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-010	1	SMP	10:45	31	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-011	1	SMP	10:49	32	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-012	1	SMP	10:53	33	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-013	1	SMP	10:56	34	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC15522-001	1	SMP	10:59	35	METALS-TAL	SOIL	SOIL	SW846	6247	
ICSA V-4505	1	ICSA	11:03	36						
ICSAB V-4506	1	ICSAB	11:06	37						
CCV V-4510	1	CCV	11:09	38						
CCB	1	CCB	11:12	39						
AC18916-021	1	SMP	11:16	40	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-022	1	SMP	11:19	41	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-023	1	SMP	11:23	42	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-024	1	SMP	11:26	43	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-025	1	SMP	11:29	44	PPMETALS-S	SOIL	AQUEO	SW846	6247	
MB,FB (1)	1	MB	11:32	45		SOIL	AQUEO	SW846	6247	
LCSW	1	LCS	11:35	46		SOIL	AQUEO	SW846	6247	
ICSA V-4505	1	ICSA	11:40	47						
ICSAB V-4506	1	ICSAB	11:43	48						
CCV V-4510	1	CCV	11:46	49						
CCB	1	CCB	11:49	50						
AC18916-019	5	SMP	11:58	51	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-022	5	SMP	12:01	52	PPMETALS-S	SOIL	SOIL	SW846	6247	
ICSA V-4505	1	ICSA	12:06	53						
ICSAB V-4506	1	ICSAB	12:09	54						
CCV V-4510	1	CCV	12:12	55						
CCB	1	CCB	12:15	56						

Call 8/16/05

Shirahat P. 8/16/05

Shirahat m 8/16/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\pelcp1\56247A.TXT

Instrument: PEICPI

Analysis Date: 08/16/05

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	09:04	1						
Calib Std 1	1	CAL	09:07	2						
Calib Std 2	1	CAL	09:10	3						
Calib Std 3	1	CAL	09:13	4						
ICS V-4509	1	ICS	09:15	5						
ICV V-4847 (2)	1	ICV	09:19	6						
ICB V-5157	1	ICB	09:22	7						
ICSA V-4505	1	ICSA	09:26	8						
ICSAB V-4506	1	ICSAB	09:29	9						
MB 6247 (100)	1	MB	09:32	10		SOIL	SOIL	SW846	6247	
LCS 100	1	LCS	09:35	11		SOIL	SOIL	SW846	6247	
LCS 100 MR	1	LCS	09:39	12		SOIL	SOIL	SW846	6247	
AC18922-001	1	SMP	09:43	13	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MR	09:46	14	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:49	15	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:53	16	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-001	1	PS	09:57	17	MET-RCRA-S	SOIL	SOIL	SW846	6247	
CCV V-4510	1	CCV	10:01	18						
CCB	1	CCB	10:04	19						
AC18922-002	1	SMP	10:07	20	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-002	5	SD	10:10	21	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-003	1	SMP	10:14	22	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-004	1	SMP	10:18	23	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-005	1	SMP	10:21	24	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-006	1	SMP	10:24	25	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-007	1	SMP	10:28	26	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-008	1	SMP	10:31	27	MET-RCRA-S	SOIL	SOIL	SW846	6247	
CCV V-4510	1	CCV	10:35	28						
CCB	1	CCB	10:38	29						
AC18922-009	1	SMP	10:41	30	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-010	1	SMP	10:45	31	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-011	1	SMP	10:49	32	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-012	1	SMP	10:53	33	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC18922-013	1	SMP	10:56	34	MET-RCRA-S	SOIL	SOIL	SW846	6247	
AC15522-001	1	SMP	10:59	35	METALS-TAL-	SOIL	SOIL	SW846	6247	
ICSA V-4505	1	ICSA	11:03	36						
ICSAB V-4506	1	ICSAB	11:06	37						
CCV V-4510	1	CCV	11:09	38						
CCB	1	CCB	11:12	39						
AC18916-021	1	SMP	11:16	40	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-022	1	SMP	11:19	41	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-023	1	SMP	11:23	42	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-024	1	SMP	11:26	43	PPMETALS-S	SOIL	SOIL	SW846	6247	
AC18916-025	1	SMP	11:29	44	PPMETALS-S	SOIL	AQUEO	SW846	6247	
MB,FB (1)	1	MB	11:32	45		SOIL	AQUEO	SW846	6247	
LCSW	1	LCS	11:35	46		SOIL	AQUEO	SW846	6247	
ICSA V-4505	1	ICSA	11:40	47						
ICSAB V-4506	1	ICSAB	11:43	48						
CCV V-4510	1	CCV	11:46	49						
CCB	1	CCB	11:49	50						
AC18916-019	5	SMP	11:58	51	PPMETALS-S	SOIL	SOIL	SW846	6246	
AC18916-022	5	SMP	12:01	52	PPMETALS-S	SOIL	SOIL	SW846	6247	
ICSA V-4505	1	ICSA	12:06	53						
ICSAB V-4506	1	ICSAB	12:09	54						
CCV V-4510	1	CCV	12:12	55						
CCB	1	CCB	12:15	56						

CCB 8/16/05

Shiamal Patel 8/16/05

Shiamal Patel 8/16/05

Run Log

Data File: W\METALS.FRM\ICPDATA\HgCv1\H6246S.TXT

Instrument: HGCV1

Analysis Date: 08/15/05

Standard/Batch/SnCl2 Lot #: V-5756

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	15:52	1						
0.5 PPB	1	CAL	15:53	2						
1.0 PPB	1	CAL	15:55	3						
2.0 PPB	1	CAL	15:57	4						
5.0 PPB	1	CAL	15:58	5						
10.0 PPB	1	CAL	16:00	6						
25.0 PPB	1	CAL	16:01	7						
ICV 1183 (2)	1	ICV	16:03	8						
ICB	1	ICB	16:05	9						
MB 6246 (167)	1	MB	16:06	10		SOIL	SOIL	SW846	6246	
LCS	1	LCS	16:08	11		SOIL	SOIL	SW846	6246	
LCS MR	1	LCS	16:09	12		SOIL	SOIL	SW846	6246	
AC18916-008	1	SMP	16:11	13	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-008	1	MR	16:13	14	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-009	1	MS	16:14	15	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-010	1	MS	16:16	16	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-001	1	SMP	16:17	17	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-002	1	SMP	16:19	18	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-003	1	SMP	16:21	19	HG-SOIL	SOIL	SOIL	SW846	6246	
CCV	1	CCV	16:22	20						
CCB	1	CCB	16:24	21						
AC18916-004	1	SMP	16:26	22	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-005	1	SMP	16:27	23	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-006	1	SMP	16:29	24	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-007	1	SMP	16:30	25	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-011	1	SMP	16:32	26	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-012	1	SMP	16:34	27	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-013	1	SMP	16:35	28	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-014	1	SMP	16:37	29	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-015	1	SMP	16:38	30	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-016	1	SMP	16:40	31	HG-SOIL	SOIL	SOIL	SW846	6246	
CCV	1	CCV	16:42	32						
CCB	1	CCB	16:43	33						
AC18916-017	1	SMP	16:45	34	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-018	1	SMP	16:47	35	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-019	1	SMP	16:48	36	HG-SOIL	SOIL	SOIL	SW846	6246	
AC18916-020	1	SMP	16:50	37	HG-SOIL	SOIL	SOIL	SW846	6246	
CCV	1	CCV	16:51	38						
CCB	1	CCB	16:53	39						

Shamuel R 8/15/05

[Handwritten Signature]
8/15/05

Run Log

Data File: W:\METALS\FRM\CPDATA\HgCv\1\H6247S.TXT Instrument: HGCV1

Analysis Date: 08/16/05 Standard/Batch/SnCl2 Lot #: V-5779

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	08:56	1						
0.5 PPB	1	CAL	08:57	2						
1.0 PPB	1	CAL	08:59	3						
2.0 PPB	1	CAL	09:00	4						
5.0 PPB	1	CAL	09:02	5						
10.0 PPB	1	CAL	09:04	6						
25.0 PPB	1	CAL	09:05	7						
ICV 1183 (2)	1	ICV	09:07	8						
ICB	1	ICB	09:08	9						
MB 6247 (167)	1	MB	09:10	10		SOIL	SOIL	SW846	6247	
LCS	1	LCS	09:12	11		SOIL	SOIL	SW846	6247	
LCS MR	1	LCS	09:13	12		SOIL	SOIL	SW846	6247	
AC18922-001	1	SMP	09:15	13	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-001	1	MR	09:16	14	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:18	15	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-001	1	MS	09:20	16	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-002	1	SMP	09:21	17	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-003	1	SMP	09:23	18	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-004	1	SMP	09:24	19	HG-SOIL	SOIL	SOIL	SW846	6247	
CCV	1	CCV	09:26	20						
CCB	1	CCB	09:28	21						
AC18922-005	1	SMP	09:29	22	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-006	1	SMP	09:31	23	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-007	1	SMP	09:33	24	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-008	1	SMP	09:34	25	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-009	1	SMP	09:36	26	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-010	1	SMP	09:37	27	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-011	1	SMP	09:39	28	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-012	1	SMP	09:41	29	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18922-013	1	SMP	09:42	30	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18916-021	1	SMP	09:44	31	HG-SOIL	SOIL	SOIL	SW846	6247	
CCV	1	CCV	09:45	32						
CCB	1	CCB	09:47	33						
AC18916-022	1	SMP	09:49	34	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18916-023	1	SMP	09:50	35	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18916-024	1	SMP	09:52	36	HG-SOIL	SOIL	SOIL	SW846	6247	
AC18916-025	1	SMP	09:54	37	HG-SOIL	SOIL	AQUEO	SW846	6247	
MB FB	1	MB	09:55	38		SOIL	AQUEO	SW846	6247	
LCSW	1	LCS	09:57	39		SOIL	AQUEO	SW846	6247	
CCV	1	CCV	09:58	40						
CCB	1	CCB	10:00	41						

Standard Batch 8/16/05

Handwritten signature and date 8/16/05

Veritech Standard Receipt Log

1526

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 Standard Receipt Log

1527

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: 1134

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1105010	05/06/05	05/05/06	Balashanthan, Shi	60	2.5L	NEAT	NEAT

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

1528

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-5753

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate standard		BatchNumber: B-589		
Prep Date: 8/15/2005		Concentration: 10 ppm		
Expiration Date: 8/15/2005		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-5754

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate control		BatchNumber: B-589		
Prep Date: 8/15/2005		Concentration: 10 ppm		
Expiration Date: 8/15/2005		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

1529

Veritech Lot Number: V-5755

Prepared By: Soules, John		Department: Metals		
Description: Auqaregia		BatchNumber: B-589		
Prep Date: 8/15/2005		Concentration: reagent		
Expiration Date: 8/15/2005		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-5756

Prepared By: Soules, John		Department: Metals		
Description: SnCl2		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: reagent reagent		
Expiration Date: 8/15/2005		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-5757

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous ICV 20ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 20 ppb		
Expiration Date: 8/15/2005		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-5754	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-5758

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous CCV 10ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 10 ppb		
Expiration Date: 8/15/2005		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-5754	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

1530

Veritech Lot Number: V-5759

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard blk		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 0		
Expiration Date: 8/15/2005		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-5760

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard .5ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: .5 ppb		
Expiration Date: 8/15/2005		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-5753	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-5761

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 1ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 1 ppb		
Expiration Date: 8/15/2005		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-5753	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-5762

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 2 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 2 ppb		
Expiration Date: 8/15/2005		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-5753	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

1531

Veritech Lot Number: V-5763

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 5ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 5 ppb		
Expiration Date: 8/15/2005		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-5753	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-5764

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 10 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 10 ppb		
Expiration Date: 8/15/2005		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-5753	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-5765

Prepared By: Soules, John		Department: Metals		
Description: Hg aqueous standard 25 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 25 ppb		
Expiration Date: 8/15/2005		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-5753	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-5766

Prepared By: Soules, John		Department: Metals		
Description: Hg soil ICV 20ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 20 ppb		
Expiration Date: 8/15/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5754	Hg intermediate control	2 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

1532

Veritech Lot Number: V-5767

Prepared By: Soules, John		Department: Metals		
Description: Hg soil CCV 10ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 10 ppb		
Expiration Date: 8/15/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5754	Hg intermediate control	1 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5768

Prepared By: Soules, John		Department: Metals		
Description: Auqaregia		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: reagent reagent		
Expiration Date: 8/15/2005		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-5769

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard blk		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 0		
Expiration Date: 8/15/2005		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-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5770

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard .5 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: .5 ppb		
Expiration Date: 8/15/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5753	Hg intermediate standard	.05 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

1533

Veritech Lot Number: V-5771

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 1 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 1 ppb		
Expiration Date: 8/15/2005		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-5753	Hg intermediate standard	.1 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5772

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 2 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 2 ppb		
Expiration Date: 8/15/2005		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-5753	Hg intermediate standard	.2 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5773

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 5 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 5 ppb		
Expiration Date: 8/15/2005		Final Volume: 136 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5755	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-5753	Hg intermediate standard	.5 ml	10 ppm	

Veritech Lot Number: V-5774

Prepared By: Soules, John		Department: Metals		
Description: Hg soil standard 10 ppb		BatchNumber: B-590		
Prep Date: 8/15/2005		Concentration: 10 ppb		
Expiration Date: 8/15/2005		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-5753	Hg intermediate standard	1 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

1534

Veritech Lot Number: V-5775

Prepared By: Soules, John	Department: Metals
Description: Hg soil standard 25 ppb	BatchNumber: B-590
Prep Date: 8/15/2005	Concentration: 25 ppb
Expiration Date: 8/15/2005	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-5753	Hg intermediate standard	2.5 ml	10 ppm	
V-5755	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Standard Receipt Log

1535

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

1536

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

1537

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: IC SAB		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	IC SAB	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

1538

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-5754

Prepared By: Soules, John		Department: Metals		
Description: Hg intermediate control		BatchNumber: B-589		
Prep Date: 8/15/2005		Concentration: 10 ppm		
Expiration Date: 8/15/2005		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

1539

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		

Veritech Standard Receipt Log

1548

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

1541

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

Date file: S6246A.

Batch 6246 (2011)

154

Method: PE1 Axial

Page 1

Date: 8/15/05

7:05:09 PM

Analyst: Peumshannal Bul 8/16/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6246A

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6255b

User: User1

Date: 8/15/05

6:57:09 PM

Method Description: 200.7/SW846

Ind Rev: Bille 8/16/05

Mean Data

ID: Calib Blank 1

Seq. No.: 1

A/S Pos: 1

Data: Original

Date: 8/15/05

6:58:33 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-542.3	6.16	1.14%	0	mg/L
Al 308.215	6205.0	34.72	0.56%	0	mg/L
Sa 233.527	-10.5	0.73	6.96%	0	mg/L
Ca 315.887	9106.7	677.07	7.43%	0	mg/L
Cd 226.502	-197.1	6.47	3.28%	0	mg/L
Co 228.616	-91.0	3.40	3.74%	0	mg/L
Cu 324.754	8052.6	18.02	0.22%	0	mg/L
Fe 273.955	399.7	3.54	0.88%	0	mg/L
Mg 279.079	710.6	157.79	22.20%	0	mg/L
Mn 257.610	506.7	9.81	1.94%	0	mg/L
Se 196.026	39.0	7.19	18.43%	0	mg/L
V 292.402	-195.9	16.71	8.53%	0	mg/L
Zn 206.200	508.2	8.05	1.58%	0	mg/L
Na 330.237	1861.3	94.60	5.08%	0	mg/L
Ti 334.941	83.9	1.53	1.83%	0	mg/L
Mo 202.030	-115.0	1.11	0.97%	0	mg/L
Sn 189.933	-47.2	1.77	3.74%	0	mg/L
Be 234.861	-346.0	0.41	0.12%	0	mg/L
As 188.979	-34.0	1.30	3.82%	0	mg/L
Sb 206.833	73.4	2.21	3.01%	0	mg/L
Cr 206.158	134.7	3.06	2.27%	0	mg/L
Pb 220.353	13.6	5.98	44.10%	0	mg/L
Ni 231.604	-16.8	3.85	22.99%	0	mg/L
Tl 190.800	-71.4	0.96	1.34%	0	mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

A/S Pos: 160

Data: Original

Date: 8/15/05

7:01:33 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	843.7	23.42	2.78%	0.010	mg/L
Al 308.215	7308.4	23.73	0.32%	0.10	mg/L
Sa 233.527	549.7	0.21	0.04%	0.010	mg/L
Ca 315.887	74567.4	48.85	0.07%	1.0	mg/L
Cd 226.502	839.0	4.82	0.57%	0.010	mg/L
Co 228.616	228.9	0.20	0.09%	0.010	mg/L
Cu 324.754	9349.5	31.98	0.34%	0.010	mg/L
Fe 273.955	1910.7	16.38	0.86%	0.10	mg/L
Mg 279.079	12504.5	50.58	0.40%	1.0	mg/L
Mn 257.610	5804.8	17.40	0.30%	0.010	mg/L
Se 196.026	112.2	3.49	3.12%	0.010	mg/L
V 292.402	1491.0	55.08	3.69%	0.010	mg/L
Zn 206.200	948.6	5.43	0.57%	0.010	mg/L
Na 330.237	2494.7	7.74	0.31%	1.0	mg/L
Ti 334.941	4729.7	36.13	0.76%	0.010	mg/L
Mo 202.030	55.6	1.57	2.83%	0.010	mg/L
Sn 189.933	49.7	8.33	16.76%	0.010	mg/L
Be 234.861	4700.4	16.96	0.36%	0.010	mg/L
As 188.979	-6.4	0.24	3.73%	0.010	mg/L
Sb 206.833	110.6	0.47	0.42%	0.010	mg/L
Cr 206.158	405.7	2.21	0.54%	0.010	mg/L
Pb 220.353	66.1	5.99	9.05%	0.010	mg/L
Ni 231.604	212.5	3.33	1.57%	0.010	mg/L
Tl 190.800	-56.3	3.15	5.59%	0.010	mg/L

6246

All elements were reported.

Do not report 18916-019 - Pb.

Mean Data

ID: Calib Std 2

Seq. No.: 3

A/S Pos: 3

Data: Original

Date: 8/15/05

7:04:39 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	67233.2	323.72	0.48%	0.50	mg/L
Al 308.215	91750.9	656.14	0.72%	5.0	mg/L
Ba 233.527	27116.5	186.13	0.69%	0.50	mg/L
Ca 315.887	3439508.0	26060.66	0.76%	50	mg/L
Cd 226.502	50310.1	306.47	0.61%	0.50	mg/L
Co 228.616	15509.3	7.69	0.05%	0.50	mg/L
Cu 324.754	80263.5	518.17	0.65%	0.50	mg/L
Fe 273.955	79289.8	592.17	0.75%	5.0	mg/L
Hg 279.079	606143.8	4234.99	0.70%	50	mg/L
Mn 257.610	258288.1	1750.37	0.68%	0.50	mg/L
Se 196.026	3044.1	4.10	0.13%	0.50	mg/L
V 292.402	81999.3	510.32	0.62%	0.50	mg/L
Zn 206.200	23191.7	22.62	0.10%	0.50	mg/L
Na 330.237	38053.2	148.41	0.39%	50	mg/L
Ti 334.941	234011.5	1637.34	0.70%	0.50	mg/L
Mo 202.030	8198.3	13.00	0.16%	0.50	mg/L
Sn 189.933	4433.4	11.60	0.26%	0.50	mg/L
Se 234.861	251175.4	1637.84	0.65%	0.50	mg/L
As 188.979	1361.5	0.96	0.07%	0.50	mg/L
Sb 206.833	1954.8	4.79	0.25%	0.50	mg/L
Cr 206.158	13610.4	9.79	0.07%	0.50	mg/L
Pb 220.353	2397.9	8.73	0.36%	0.50	mg/L
Ni 231.604	11179.1	2.17	0.02%	0.50	mg/L
Tl 190.800	726.6	5.14	0.71%	0.50	mg/L

Mean Data
ID: Calib Std 3

Seq. No.: 4
Data: Original

A/S Pos: 2
Date: 8/15/05 7:07:38 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	138130.5	767.62	0.56%	1.0	mg/L
Al 308.215	180486.7	1350.40	0.75%	10	mg/L
Ba 233.527	52505.5	367.58	0.70%	1.0	mg/L
Ca 315.887	6707831.8	38920.76	0.58%	100	mg/L
Cd 226.502	98498.1	592.54	0.60%	1.0	mg/L
Co 228.616	30265.8	107.00	0.35%	1.0	mg/L
Cu 324.754	152233.2	1385.21	0.91%	1.0	mg/L
Fe 273.955	154675.8	923.17	0.60%	10	mg/L
Hg 279.079	1207033.3	6872.27	0.57%	100	mg/L
Mn 257.610	502749.9	3258.81	0.65%	1.0	mg/L
Se 196.026	5970.5	55.43	0.93%	1.0	mg/L
V 292.402	160222.8	1063.84	0.66%	1.0	mg/L
Zn 206.200	44139.3	266.40	0.60%	1.0	mg/L
Na 330.237	80264.3	508.09	0.63%	100	mg/L
Ti 334.941	463012.0	2691.04	0.58%	1.0	mg/L
Mo 202.030	16233.3	0.96	0.01%	1.0	mg/L
Sn 189.933	8891.9	51.19	0.58%	1.0	mg/L
Se 234.861	496853.1	3032.10	0.61%	1.0	mg/L
As 188.979	2680.9	26.95	1.01%	1.0	mg/L
Sb 206.833	3772.4	17.29	0.46%	1.0	mg/L
Cr 206.158	26264.6	80.60	0.31%	1.0	mg/L
Pb 220.353	4696.2	8.58	0.18%	1.0	mg/L
Ni 231.604	21691.5	144.34	0.67%	1.0	mg/L
Tl 190.800	1504.9	9.68	0.64%	1.0	mg/L

Calibration Summary
Method: PE1 Axial

Date: 8/15/05 7:08:06 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	137393.4	0.00000	0.999884
Al 308.215	3	Linear	5624.5	17434.0	0.00000	0.999959
Ba 233.527	3	Linear-thru-Zero	0.0	52851.1	0.00000	0.999843
Ca 315.887	3	Linear	23162.9	67141.5	0.00000	0.999921
Cd 226.502	3	Linear-thru-Zero	0.0	98921.3	0.00000	0.999931
Co 228.616	3	Linear	-6.8	30423.9	0.00000	0.999899
Cu 324.754	3	Linear	8008.8	144280.7	0.00000	0.999999

Element	Conc.	Linear	Mean	Std. Dev.	Mean	Std. Dev.
Fe 273.955	3	Linear	704.1	15460.9	0.00000	0.999931
Mg 279.079	3	Linear-thru-Zero	0.0	12080.9	0.00000	0.999997
Mn 257.610	3	Linear-thru-Zero	0.0	505521.1	0.00000	0.999888
Se 196.026	3	Linear	52.5	5931.1	0.00000	0.999978
V 292.402	3	Linear	203.0	160731.8	0.00000	0.999920
Zn 206.200	3	Linear	668.0	43785.2	0.00000	0.999790
Na 330.237	3	Linear	1245.2	779.4	0.00000	0.999222
Ti 334.941	3	Linear-thru-Zero	0.0	464014.9	0.00000	0.999983
Mo 202.030	3	Linear	-86.5	16369.5	0.00000	0.999962
Sn 189.933	3	Linear	-41.8	8937.0	0.00000	0.999999
Be 234.861	3	Linear-thru-Zero	0.0	497950.4	0.00000	0.999982
As 188.979	3	Linear	-26.9	2721.5	0.00000	0.999896
Sb 206.833	3	Linear	79.3	3704.7	0.00000	0.999961
Cr 206.158	3	Linear-thru-Zero	0.0	26456.9	0.00000	0.999787
Pb 220.353	3	Linear	24.0	4687.3	0.00000	0.999957
Ni 231.604	3	Linear-thru-Zero	0.0	21824.8	0.00000	0.999863
Tl 190.800	3	Linear	-69.9	1578.4	0.00000	0.999979

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: 8/15/05 7:10:42 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	137901.2	1.00620	0.006266	mg/L				0.62%
Al 308.215	179707.1	9.98525	0.042259	mg/L				0.42%
Ba 233.527	52742.4	0.997943	0.0021758	mg/L				0.22%
Ca 315.887	6701252.2	99.4630	0.93327	mg/L				0.94%
Cd 226.502	98610.4	0.996856	0.0015364	mg/L				0.15%
Co 228.616	30949.6	1.01750	0.000021	mg/L				0.00%
Cu 324.754	151839.1	0.996879	0.0053881	mg/L				0.54%
Fe 273.955	154244.5	9.93088	0.026886	mg/L				0.27%
Mg 279.079	1203942.0	99.6568	0.96625	mg/L				0.97%
Mn 257.610	500342.1	0.989755	0.0025238	mg/L				0.25%
Se 196.026	5997.5	1.00235	0.005766	mg/L				0.58%
V 292.402	159444.7	0.982784	0.0027404	mg/L				0.28%
Zn 206.200	44921.4	1.01069	0.002280	mg/L				0.23%
Na 330.237	80495.9	104.840	0.4248	mg/L				0.41%
Ti 334.941	460759.8	0.992985	0.0103390	mg/L				1.04%
Mo 202.030	16288.4	1.00033	0.001959	mg/L				0.20%
Sn 189.933	8913.1	1.00200	0.000994	mg/L				0.10%
Be 234.861	495477.6	0.995034	0.0093627	mg/L				0.94%
As 188.979	2701.0	1.00234	0.001276	mg/L				0.13%
Sb 206.833	3793.0	1.00211	0.002703	mg/L				0.27%
Cr 206.158	26880.2	1.02262	0.002348	mg/L				0.23%
Pb 220.353	4710.5	0.999825	0.0028074	mg/L				0.28%
Ni 231.604	21928.6	1.00475	0.001411	mg/L				0.14%
Tl 190.800	1537.5	1.02929	0.002185	mg/L				0.21%

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: 8/15/05 7:13:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	137901.1	1.00620	0.010705	mg/L				1.06%
Al 308.215	180134.1	10.0097	0.10599	mg/L				1.06%
Ba 233.527	52533.8	0.993996	0.0080393	mg/L				0.81%
Ca 315.887	6708074.8	99.5646	0.89234	mg/L				0.90%
Cd 226.502	98580.5	0.996555	0.0086014	mg/L				0.86%
Co 228.616	30343.6	0.997584	0.0018134	mg/L				0.18%
Cu 324.754	152640.7	1.00243	0.008173	mg/L				0.82%
Fe 273.955	154714.9	9.96131	0.091862	mg/L				0.92%
Mg 279.079	1207555.3	99.9559	0.91206	mg/L				0.91%
Mn 257.610	502909.8	0.994834	0.0085953	mg/L				0.86%
Se 196.026	5973.1	0.998242	0.0059605	mg/L				0.60%
V 292.402	160091.7	0.986765	0.0088816	mg/L				0.90%
Zn 206.200	44703.6	1.00572	0.003379	mg/L				0.34%
Na 330.237	80415.6	104.725	1.0480	mg/L				1.00%
Ti 334.941	461087.2	0.993690	0.0095866	mg/L				0.96%

Mo	202.030	16278.4	0.999717	0.00195591	mg/L	0.20%
Sn	189.933	8891.3	0.999556	0.0018725	mg/L	0.19%
Be	234.861	497382.0	0.998859	0.0089609	mg/L	0.90%
As	188.979	2689.7	0.998193	0.0082978	mg/L	0.83%
Sb	206.833	3775.4	0.997501	0.0049869	mg/L	0.50%
Cr	206.158	26364.6	1.00310	0.001306	mg/L	0.13%
Pb	220.353	4696.4	0.996818	0.0048904	mg/L	0.49%
Ni	231.604	21799.1	0.998822	0.0027198	mg/L	0.27%
Pb	190.800	1531.8	1.02570	0.010511	mg/L	1.02%

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: 8/15/05 7:16:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-462.8	-0.0033686	0.00026936	mg/L			8.00%
Al	308.215	6138.7	0.0294951	0.00258534	mg/L			8.77%
Ba	233.527	18.4	0.0003489	0.00041135	mg/L			117.89%
Ca	315.887	8898.1	-0.212458	0.0068448	mg/L			3.22%
Cd	226.502	-191.0	-0.0019307	0.00005828	mg/L			3.02%
Co	228.616	-90.8	-0.0027600	0.00011867	mg/L			4.30%
Cu	324.754	8303.6	0.0020436	0.00049751	mg/L			24.35%
Fe	273.955	522.9	-0.0117214	0.01246730	mg/L			106.36%
Ig	279.079	676.2	0.0559762	0.01627067	mg/L			29.07%
Mn	257.610	575.7	0.0011388	0.00025332	mg/L			22.24%
Se	196.026	51.6	-0.0001541	0.00124473	mg/L			807.71%
V	292.402	-162.9	-0.0022768	0.00004926	mg/L			2.16%
Zn	206.200	528.2	-0.0031924	0.00028395	mg/L			8.89%
Na	330.237	1877.8	0.811709	0.0428013	mg/L			5.27%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti	334.941	107.6	0.0002319	0.00008971	mg/L			38.69%
Mo	202.030	-103.4	-0.0010338	0.00041315	mg/L			39.96%
Sn	189.933	-15.5	0.0029363	0.00009316	mg/L			3.17%
Be	234.861	-293.7	-0.0005897	0.00004747	mg/L			8.05%
As	188.979	-32.8	-0.0021929	0.00074573	mg/L			34.01%
Sb	206.833	76.1	-0.0008653	0.00074658	mg/L			86.28%
Cr	206.158	136.7	0.0051672	0.00025410	mg/L			4.92%
Pb	220.353	12.8	-0.0023837	0.00236388	mg/L			99.17%
Ni	231.604	-19.2	-0.0008797	0.00020601	mg/L			23.42%
Pb	190.800	-68.8	0.0006801	0.00003118	mg/L			4.59%

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: 8/15/05 7:20:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-76.9	-0.0005599	0.00005108	mg/L			9.12%
Al	308.215	7744099.7	443.814	0.8616	mg/L			0.19%
Ba	233.527	-47.3	-0.0008957	0.00025709	mg/L			28.70%
Ca	315.887	29876752.5	444.637	0.8507	mg/L			0.19%
Cd	226.502	1135.1	-0.0025931	0.00028563	mg/L			11.02%
Co	228.616	155.2	0.0053237	0.00042720	mg/L			8.02%
Cu	324.754	7294.3	0.0021031	0.00001620	mg/L			0.77%
Fe	273.955	2719068.1	175.822	0.3818	mg/L			0.22%
Ig	279.079	5899311.0	488.318	1.1719	mg/L			0.24%
Mn	257.610	1342.3	0.0026553	0.00005567	mg/L			2.10%
Se	196.026	-253.0	-0.0056340	0.00256552	mg/L			45.54%
V	292.402	7394.0	0.0049969	0.00022631	mg/L			4.53%
Zn	206.200	861.7	0.0044230	0.00003357	mg/L			0.76%
Na	330.237	1804.2	-5.24316	0.013065	mg/L			0.25%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti	334.941	-409.8	-0.0008832	0.00009114	mg/L			10.32%
Mo	202.030	-219.4	-0.0010855	0.00025630	mg/L			23.61%
Sn	189.933	-100.1	-0.0065256	0.00128018	mg/L			19.62%
Be	234.861	-16214.7	-0.0009108	0.00009885	mg/L			10.85%
As	188.979	-63.5	-0.0029102	0.00018040	mg/L			6.20%
Sb	206.833	123.8	-0.0008229	0.00224393	mg/L			272.68%
Cr	206.158	225.3	-0.0136905	0.00010146	mg/L			0.74%

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Pb 220.353	-173.1	-0.0016545	0.00136872	mg/L				82.73%
Ni 231.604	1020.4	0.0042157	0.00000470	mg/L				0.11%
Pb 190.800	-74.2	-0.0027065	0.00344546	mg/L				127.30%

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: 8/15/05	7:23:38 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	144701.9	1.05319	0.000636	mg/L				0.06%
Al 308.215	7828154.2	448.585	2.8348	mg/L				0.63%
Ba 233.527	24876.8	0.470696	0.0005106	mg/L				0.11%
Ca 315.887	29900981.9	444.998	3.1340	mg/L				0.70%
Cd 226.502	93202.8	0.928010	0.0012361	mg/L				0.13%
Co 228.616	14322.3	0.470980	0.0002153	mg/L				0.05%
Cu 324.754	80489.9	0.509474	0.0010009	mg/L				0.20%
Fe 273.955	2740925.0	177.236	0.0402	mg/L				0.02%
Mg 279.079	6070816.2	502.515	3.4625	mg/L				0.69%
Mn 257.610	237446.5	0.469706	0.0002817	mg/L				0.06%
Se 196.026	5385.9	0.945453	0.0067315	mg/L				0.71%
V 292.402	81553.4	0.464672	0.0001644	mg/L				0.04%
Zn 206.200	39583.1	0.888773	0.0019833	mg/L				0.22%
Na 330.237	-707.8	-6.22915	0.001598	mg/L				0.03%
QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-221.7	-0.0004778	0.00015247	mg/L				31.91%
Mo 202.030	-199.4	0.0001935	0.00060972	mg/L				315.17%
Sn 189.933	-120.2	-0.0087731	0.00077919	mg/L				8.88%
Be 234.861	227276.6	0.488331	0.0001011	mg/L				0.02%
As 188.979	2696.8	1.01143	0.010453	mg/L				1.03%
Sb 206.833	3777.8	0.985353	0.0013078	mg/L				0.13%
Cr 206.158	13175.6	0.481377	0.0010475	mg/L				0.22%
Pb 220.353	4293.1	0.951534	0.0034127	mg/L				0.36%
Ni 231.604	21338.8	0.934819	0.0004552	mg/L				0.05%
Pb 190.800	1464.6	0.972173	0.0010749	mg/L				0.11%

Mean Data

ID: MB 6246 (100)	Seq. No.: 10	Sample No.: 31	A/S Pos: 9
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/15/05	7:26:43 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-580.1	-0.0042224	0.00073775	mg/L	-0.0042224	0.00073775	mg/L	17.47%
Al 308.215	6237.3	0.0351493	0.00832691	mg/L	0.0351493	0.00832691	mg/L	23.69%
Ba 233.527	15.0	0.0002831	0.00001957	mg/L	0.0002831	0.00001957	mg/L	6.91%
Ca 315.887	15002.9	-0.121534	0.0143309	mg/L	-0.121534	0.0143309	mg/L	11.79%
Cd 226.502	-193.9	-0.0019604	0.00005905	mg/L	-0.0019604	0.00005905	mg/L	3.01%
Co 228.616	-99.1	-0.0030327	0.00008748	mg/L	-0.0030327	0.00008748	mg/L	2.88%
Cu 324.754	10037.6	0.0140618	0.00019992	mg/L	0.0140618	0.00019992	mg/L	1.42%
Fe 273.955	3738.0	0.196227	0.0029703	mg/L	0.196227	0.0029703	mg/L	1.51%
Mg 279.079	1385.7	0.114701	0.0087752	mg/L	0.114701	0.0087752	mg/L	7.65%
Mn 257.610	1235.6	0.0024443	0.00002593	mg/L	0.0024443	0.00002593	mg/L	1.06%
Se 196.026	64.8	0.0020759	0.00117119	mg/L	0.0020759	0.00117119	mg/L	56.42%
V 292.402	-161.8	-0.0022697	0.00021317	mg/L	-0.0022697	0.00021317	mg/L	9.39%
Zn 206.200	615.2	-0.0012070	0.00056053	mg/L	-0.0012070	0.00056053	mg/L	46.44%
Na 330.237	2326.2	1.38694	0.063297	mg/L	1.38694	0.063297	mg/L	4.56%
Pb 190.800	265.1	0.0005713	0.00001609	mg/L	0.0005713	0.00001609	mg/L	2.82%
Mo 202.030	-115.8	-0.0017937	0.00051897	mg/L	-0.0017937	0.00051897	mg/L	28.93%
Sn 189.933	158.3	0.0223862	0.00034254	mg/L	0.0223862	0.00034254	mg/L	1.53%
Be 234.861	-378.0	-0.0007591	0.00000803	mg/L	-0.0007591	0.00000803	mg/L	1.06%
As 188.979	-37.6	-0.0039375	0.00000685	mg/L	-0.0039375	0.00000685	mg/L	0.17%
Sb 206.833	83.1	0.0010282	0.00076500	mg/L	0.0010282	0.00076500	mg/L	74.40%
Cr 206.158	424.5	0.0160458	0.00010604	mg/L	0.0160458	0.00010604	mg/L	0.66%
Pb 220.353	15.3	-0.0018623	0.00017798	mg/L	-0.0018623	0.00017798	mg/L	9.56%
Ni 231.604	214.1	0.0098116	0.00020890	mg/L	0.0098116	0.00020890	mg/L	2.13%
Pb 190.800	-74.2	-0.0027125	0.00195399	mg/L	-0.0027125	0.00195399	mg/L	72.04%

Mean Data

ID: LCS 100	Seq. No.: 11	Sample No.: 32	A/S Pos: 10
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0

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Data: Original

Date: 8/15/05

7:29:46 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	65375.8	0.475829	0.0041497	mg/L	0.475829	0.0041497	mg/L	0.87%
Al 308.215	87689.8	4.70721	0.047846	mg/L	4.70721	0.047846	mg/L	1.02%
Ba 233.527	26257.4	0.496817	0.0046523	mg/L	0.496817	0.0046523	mg/L	0.94%
Ca 315.887	3330094.3	49.2532	0.56947	mg/L	49.2532	0.56947	mg/L	1.16%
Cd 226.502	48685.5	0.492164	0.0060582	mg/L	0.492164	0.0060582	mg/L	1.23%
Co 228.616	14960.0	0.491940	0.0009958	mg/L	0.491940	0.0009958	mg/L	0.20%
Cu 324.754	78217.7	0.486614	0.0054108	mg/L	0.486614	0.0054108	mg/L	1.11%
Fe 273.955	77097.0	4.94104	0.060584	mg/L	4.94104	0.060584	mg/L	1.23%
Mg 279.079	586315.3	48.5325	0.54582	mg/L	48.5325	0.54582	mg/L	1.12%
Mn 257.610	251414.7	0.497338	0.0053867	mg/L	0.497338	0.0053867	mg/L	1.08%
Se 196.026	2808.2	0.464623	0.0013893	mg/L	0.464623	0.0013893	mg/L	0.30%
V 292.402	79220.4	0.485035	0.0051873	mg/L	0.485035	0.0051873	mg/L	1.07%
Zn 206.200	22643.5	0.501893	0.0008110	mg/L	0.501893	0.0008110	mg/L	0.16%
Na 330.237	36708.8	46.8039	0.30496	mg/L	46.8039	0.30496	mg/L	0.65%
Ti 334.941	232731.9	0.501561	0.0048867	mg/L	0.501561	0.0048867	mg/L	0.97%
Mo 202.030	8130.1	0.501940	0.0003442	mg/L	0.501940	0.0003442	mg/L	0.07%
Sn 189.933	4665.4	0.526707	0.0008852	mg/L	0.526707	0.0008852	mg/L	0.17%
Be 234.861	239202.8	0.480375	0.0045529	mg/L	0.480375	0.0045529	mg/L	0.95%
As 188.979	1285.4	0.482195	0.0018671	mg/L	0.482195	0.0018671	mg/L	0.39%
Sb 206.833	1877.4	0.485361	0.0002365	mg/L	0.485361	0.0002365	mg/L	0.05%
Cr 206.158	13214.6	0.499475	0.0006962	mg/L	0.499475	0.0006962	mg/L	0.14%
Pb 220.353	2317.9	0.489378	0.0004096	mg/L	0.489378	0.0004096	mg/L	0.08%
Ni 231.604	10719.5	0.491160	0.0007605	mg/L	0.491160	0.0007605	mg/L	0.15%
Tl 190.800	692.9	0.488792	0.0007247	mg/L	0.488792	0.0007247	mg/L	0.15%

Mean Data

ID: LCS 100 MR Seq. No.: 12 Sample No.: 33 A/S Pos: 11
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 7:33:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	65705.1	0.478226	0.0053160	mg/L	0.478226	0.0053160	mg/L	1.11%
Al 308.215	87738.7	4.71001	0.053003	mg/L	4.71001	0.053003	mg/L	1.13%
Ba 233.527	26362.3	0.498803	0.0062831	mg/L	0.498803	0.0062831	mg/L	1.26%
Ca 315.887	3342907.7	49.4440	0.66969	mg/L	49.4440	0.66969	mg/L	1.35%
Cd 226.502	48756.2	0.492878	0.0062265	mg/L	0.492878	0.0062265	mg/L	1.26%
Co 228.616	15059.4	0.495208	0.0004068	mg/L	0.495208	0.0004068	mg/L	0.08%
Cu 324.754	78429.7	0.488083	0.0065886	mg/L	0.488083	0.0065886	mg/L	1.35%
Fe 273.955	77699.7	4.98002	0.055983	mg/L	4.98002	0.055983	mg/L	1.12%
Mg 279.079	588526.0	48.7155	0.65844	mg/L	48.7155	0.65844	mg/L	1.35%
Mn 257.610	252581.1	0.499645	0.0063789	mg/L	0.499645	0.0063789	mg/L	1.28%
Se 196.026	2840.0	0.469993	0.0003450	mg/L	0.469993	0.0003450	mg/L	0.07%
V 292.402	79500.4	0.486752	0.0071233	mg/L	0.486752	0.0071233	mg/L	1.46%
Zn 206.200	22786.5	0.505159	0.0017322	mg/L	0.505159	0.0017322	mg/L	0.34%
Na 330.237	36854.2	46.9990	0.76926	mg/L	46.9990	0.76926	mg/L	1.64%
Ti 334.941	233243.8	0.502665	0.0068728	mg/L	0.502665	0.0068728	mg/L	1.37%
Mo 202.030	8188.0	0.505479	0.0003880	mg/L	0.505479	0.0003880	mg/L	0.08%
Sn 189.933	4691.4	0.529611	0.0015176	mg/L	0.529611	0.0015176	mg/L	0.29%
Be 234.861	240179.2	0.482336	0.0059438	mg/L	0.482336	0.0059438	mg/L	1.23%
As 188.979	1303.4	0.488813	0.0013494	mg/L	0.488813	0.0013494	mg/L	0.28%
Sb 206.833	1885.7	0.487614	0.0011244	mg/L	0.487614	0.0011244	mg/L	0.23%
Cr 206.158	13312.9	0.503190	0.0010432	mg/L	0.503190	0.0010432	mg/L	0.21%
Pb 220.353	2328.2	0.491584	0.0019243	mg/L	0.491584	0.0019243	mg/L	0.39%
Ni 231.604	10828.1	0.496137	0.0005558	mg/L	0.496137	0.0005558	mg/L	0.11%
Tl 190.800	692.3	0.488395	0.0012911	mg/L	0.488395	0.0012911	mg/L	0.26%

Mean Data

ID: 18916-008 Seq. No.: 13 Sample No.: 34 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 7:37:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1631.1	-0.0066574	0.00021469	mg/L	-0.0066574	0.00021469	mg/L	3.22%
Al 308.215	767786.7	43.7170	0.37769	mg/L	43.7170	0.37769	mg/L	0.86%
Ba 233.527	15411.1	0.291595	0.0018281	mg/L	0.291595	0.0018281	mg/L	0.63%
Ca 315.887	369602.7	5.15985	0.056450	mg/L	5.15985	0.056450	mg/L	1.09%

Cd	226.502	677.7	-0.0024747	0.00003482	mg/L	-0.0024747	0.00003482	mg/L	1.41%
Co	228.616	1485.8	0.0490615	0.00018867	mg/L	0.0490615	0.00018867	mg/L	0.38%
Cu	324.754	36009.8	0.194073	0.0011394	mg/L	0.194073	0.0011394	mg/L	0.59%
Fe	273.955	1802725.3	116.554	1.0871	mg/L	116.554	1.0871	mg/L	0.93%
Mg	279.079	144693.6	11.9771	0.11358	mg/L	11.9771	0.11358	mg/L	0.95%
Mn	257.610	1075719.0	2.12794	0.018458	mg/L	2.12794	0.018458	mg/L	0.87%
Se	196.026	-90.7	0.0108348	0.00100349	mg/L	0.0108348	0.00100349	mg/L	9.26%
V	292.402	15243.2	0.111083	0.0006397	mg/L	0.111083	0.0006397	mg/L	0.58%
Zn	206.200	22058.7	0.488537	0.0023308	mg/L	0.488537	0.0023308	mg/L	0.48%
Na	330.237	572.3	0.0822717	0.02766430	mg/L	0.0822717	0.02766430	mg/L	33.63%
Ti	334.941	483817.0	1.04268	0.003580	mg/L	1.04268	0.003580	mg/L	0.34%
Mo	202.030	-77.3	0.0005567	0.00003366	mg/L	0.0005567	0.00003366	mg/L	6.05%
Sn	189.933	618.5	0.0738867	0.00061484	mg/L	0.0738867	0.00061484	mg/L	0.83%
Be	234.861	-9401.1	0.0021029	0.00004627	mg/L	0.0021029	0.00004627	mg/L	2.20%
As	188.979	61.4	0.0394264	0.00066976	mg/L	0.0394264	0.00066976	mg/L	1.70%
Sb	206.833	106.5	0.0073508	0.00325728	mg/L	0.0073508	0.00325728	mg/L	44.31%
Cr	206.158	4139.1	0.156447	0.0009728	mg/L	0.156447	0.0009728	mg/L	0.62%
Pb	220.353	4949.1	1.05073	0.005180	mg/L	1.05073	0.005180	mg/L	0.49%
Ni	231.604	3136.8	0.123042	0.0005854	mg/L	0.123042	0.0005854	mg/L	0.48%
Pb	190.800	-100.8	-0.0080968	0.00128122	mg/L	-0.0080968	0.00128122	mg/L	15.82%

Mean Data

ID: 18916-008 MR Seq. No.: 14 Sample No.: 35 A/S Pos: 13
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 7:40:41 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1738.5	-0.0075861	0.00010382	mg/L	-0.0075861	0.00010382	mg/L	1.37%
Al	308.215	837340.2	47.7066	0.41796	mg/L	47.7066	0.41796	mg/L	0.88%
Ba	233.527	16107.6	0.304773	0.0006745	mg/L	0.304773	0.0006745	mg/L	0.22%
Ca	315.887	335793.2	4.65629	0.044679	mg/L	4.65629	0.044679	mg/L	0.96%
Cd	226.502	794.9	-0.0025647	0.00005589	mg/L	-0.0025647	0.00005589	mg/L	2.18%
Co	228.616	1712.3	0.0565056	0.00024968	mg/L	0.0565056	0.00024968	mg/L	0.44%
Cu	324.754	35657.8	0.196950	0.0018101	mg/L	0.196950	0.0018101	mg/L	0.92%
Fe	273.955	2049060.7	132.486	1.1536	mg/L	132.486	1.1536	mg/L	0.87%
Mg	279.079	158239.0	13.0983	0.12450	mg/L	13.0983	0.12450	mg/L	0.95%
Mn	257.610	1327794.2	2.62659	0.021730	mg/L	2.62659	0.021730	mg/L	0.83%
Se	196.026	-111.3	0.0121594	0.00033526	mg/L	0.0121594	0.00033526	mg/L	2.76%
V	292.402	16043.3	0.118455	0.0002873	mg/L	0.118455	0.0002873	mg/L	0.24%
Zn	206.200	22539.9	0.499528	0.0008633	mg/L	0.499528	0.0008633	mg/L	0.17%
Na	330.237	504.6	-0.113054	0.0599658	mg/L	-0.113054	0.0599658	mg/L	53.04%
Ni	334.941	470168.9	1.01326	0.008698	mg/L	1.01326	0.008698	mg/L	0.86%
Mo	202.030	-81.7	0.0055948	0.00039957	mg/L	0.0055948	0.00039957	mg/L	7.14%
Sn	189.933	354.4	0.0443343	0.00028778	mg/L	0.0443343	0.00028778	mg/L	0.65%
Be	234.861	-10690.7	0.0023813	0.00009811	mg/L	0.0023813	0.00009811	mg/L	4.12%
As	188.979	83.6	0.0485347	0.00136499	mg/L	0.0485347	0.00136499	mg/L	2.81%
Sb	206.833	108.6	0.0079163	0.00092773	mg/L	0.0079163	0.00092773	mg/L	11.72%
Cr	206.158	4705.6	0.177860	0.0000554	mg/L	0.177860	0.0000554	mg/L	0.03%
Pb	220.353	1933.0	0.407268	0.0023569	mg/L	0.407268	0.0023569	mg/L	0.58%
Ni	231.604	3532.4	0.138345	0.0001629	mg/L	0.138345	0.0001629	mg/L	0.12%
Pb	190.800	-99.5	-0.0075741	0.00109158	mg/L	-0.0075741	0.00109158	mg/L	14.41%

Mean Data

ID: 18916-009 MS 1 Seq. No.: 15 Sample No.: 36 A/S Pos: 14
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 7:43:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	60045.1	0.444884	0.0000488	mg/L	0.444884	0.0000488	mg/L	0.01%
Al	308.215	1167291.3	66.6323	0.00187	mg/L	66.6323	0.00187	mg/L	0.00%
Ba	233.527	39819.1	0.753420	0.0006705	mg/L	0.753420	0.0006705	mg/L	0.09%
Ca	315.887	3345978.2	49.4898	0.14937	mg/L	49.4898	0.14937	mg/L	0.30%
Cd	226.502	45674.5	0.451369	0.0009507	mg/L	0.451369	0.0009507	mg/L	0.21%
Co	228.616	15528.5	0.510628	0.0000215	mg/L	0.510628	0.0000215	mg/L	0.00%
Cu	324.754	98808.2	0.634519	0.0005127	mg/L	0.634519	0.0005127	mg/L	0.08%
Fe	273.955	2001918.6	129.437	0.3534	mg/L	129.437	0.3534	mg/L	0.27%
Mg	279.079	724297.1	59.9540	0.13618	mg/L	59.9540	0.13618	mg/L	0.23%
Mn	257.610	1365740.4	2.70165	0.004355	mg/L	2.70165	0.004355	mg/L	0.16%
Se	196.026	2408.2	0.436034	0.0007391	mg/L	0.436034	0.0007391	mg/L	0.17%
V	292.402	88465.3	0.560451	0.0006613	mg/L	0.560451	0.0006613	mg/L	0.12%

Zn	206.200	41714.5	0.937451	0.0051007	mg/L	0.937451	0.0051007	mg/L	0.54%
Na	330.237	32601.0	42.5280	0.04252	mg/L	42.5280	0.04252	mg/L	0.10%
Ti	334.941	728623.5	1.57026	0.000356	mg/L	1.57026	0.000356	mg/L	0.02%
Mo	202.030	7255.5	0.453693	0.0019749	mg/L	0.453693	0.0019749	mg/L	0.44%
Sn	189.933	4442.5	0.501770	0.0014019	mg/L	0.501770	0.0014019	mg/L	0.28%
Be	234.861	209520.8	0.444068	0.0010201	mg/L	0.444068	0.0010201	mg/L	0.23%
As	188.979	1269.8	0.484201	0.0005786	mg/L	0.484201	0.0005786	mg/L	0.12%
Sb	206.833	946.7	0.234134	0.0016138	mg/L	0.234134	0.0016138	mg/L	0.69%
Cr	206.158	15987.5	0.610431	0.0024887	mg/L	0.610431	0.0024887	mg/L	0.41%
Pb	220.353	3795.4	0.804596	0.0000584	mg/L	0.804596	0.0000584	mg/L	0.01%
Ni	231.604	13371.3	0.589697	0.0004302	mg/L	0.589697	0.0004302	mg/L	0.07%
Tl	190.800	609.9	0.447995	0.0024228	mg/L	0.447995	0.0024228	mg/L	0.54%

Mean Data

ID: 18916-010 MS 2 Seq. No.: 16 Sample No.: 37 A/S Pos: 15
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 7:47:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	60416.0	0.449091	0.0011235	mg/L	0.449091	0.0011235	mg/L	0.25%
Al	308.215	1147467.6	65.4952	0.18806	mg/L	65.4952	0.18806	mg/L	0.29%
Ba	233.527	58322.2	1.10352	0.003356	mg/L	1.10352	0.003356	mg/L	0.30%
Ca	315.887	4019094.3	59.5151	0.18983	mg/L	59.5151	0.18983	mg/L	0.32%
Cd	226.502	46180.3	0.455308	0.0008070	mg/L	0.455308	0.0008070	mg/L	0.18%
Co	228.616	15740.2	0.517587	0.0003778	mg/L	0.517587	0.0003778	mg/L	0.07%
Cu	324.754	128930.3	0.843882	0.0019604	mg/L	0.843882	0.0019604	mg/L	0.23%
Fe	273.955	2228832.0	144.114	0.5405	mg/L	144.114	0.5405	mg/L	0.38%
Mg	279.079	760909.4	62.9846	0.24158	mg/L	62.9846	0.24158	mg/L	0.38%
Mn	257.610	1460621.6	2.88934	0.009870	mg/L	2.88934	0.009870	mg/L	0.34%
Se	196.026	2413.4	0.441308	0.0002763	mg/L	0.441308	0.0002763	mg/L	0.06%
V	292.402	94430.1	0.599356	0.0016940	mg/L	0.599356	0.0016940	mg/L	0.28%
Zn	206.200	88434.4	2.00448	0.008926	mg/L	2.00448	0.008926	mg/L	0.45%
Na	330.237	30045.0	42.0721	0.14966	mg/L	42.0721	0.14966	mg/L	0.36%
Ti	334.941	868552.5	1.87182	0.005916	mg/L	1.87182	0.005916	mg/L	0.32%
Mo	202.030	7297.6	0.456855	0.0003428	mg/L	0.456855	0.0003428	mg/L	0.08%
Sn	189.933	4583.4	0.522871	0.0007709	mg/L	0.522871	0.0007709	mg/L	0.15%
Be	234.861	210069.9	0.447813	0.0017858	mg/L	0.447813	0.0017858	mg/L	0.40%
As	188.979	1501.2	0.570120	0.0003267	mg/L	0.570120	0.0003267	mg/L	0.06%
Sb	206.833	918.2	0.226453	0.0003877	mg/L	0.226453	0.0003877	mg/L	0.17%
Cr	206.158	16305.9	0.629458	0.0027339	mg/L	0.629458	0.0027339	mg/L	0.43%
Pb	220.353	11799.4	2.51219	0.007776	mg/L	2.51219	0.007776	mg/L	0.31%
Ni	231.604	14224.1	0.626165	0.0014606	mg/L	0.626165	0.0014606	mg/L	0.23%
Tl	190.800	588.8	0.437900	0.0039214	mg/L	0.437900	0.0039214	mg/L	0.90%

Mean Data

ID: 18916-008 PS Seq. No.: 17 Sample No.: 38 A/S Pos: 16
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 7:51:51 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	67763.3	0.500734	0.0028006	mg/L	0.500734	0.0028006	mg/L	0.56%
Al	308.215	869256.7	49.5373	0.26055	mg/L	49.5373	0.26055	mg/L	0.53%
Ba	233.527	42395.6	0.802170	0.0038144	mg/L	0.802170	0.0038144	mg/L	0.48%
Ca	315.887	3803314.1	56.3013	0.26561	mg/L	56.3013	0.26561	mg/L	0.47%
Cd	226.502	52017.9	0.516446	0.0024589	mg/L	0.516446	0.0024589	mg/L	0.48%
Co	228.616	17201.7	0.565625	0.0028660	mg/L	0.565625	0.0028660	mg/L	0.51%
Cu	324.754	110212.7	0.708369	0.0036029	mg/L	0.708369	0.0036029	mg/L	0.51%
Fe	273.955	1818047.5	117.545	0.6323	mg/L	117.545	0.6323	mg/L	0.54%
Mg	279.079	759707.9	62.8852	0.32471	mg/L	62.8852	0.32471	mg/L	0.52%
Mn	257.610	1282419.8	2.53683	0.013661	mg/L	2.53683	0.013661	mg/L	0.54%
Se	196.026	2804.6	0.499301	0.0027621	mg/L	0.499301	0.0027621	mg/L	0.55%
V	292.402	96213.0	0.606470	0.0028494	mg/L	0.606470	0.0028494	mg/L	0.47%
Zn	206.200	44013.1	0.989949	0.0064761	mg/L	0.989949	0.0064761	mg/L	0.65%
Na	330.237	37305.1	48.7552	0.21678	mg/L	48.7552	0.21678	mg/L	0.44%
Ti	334.941	698471.1	1.50528	0.007415	mg/L	1.50528	0.007415	mg/L	0.49%
Mo	202.030	8276.1	0.510859	0.0009269	mg/L	0.510859	0.0009269	mg/L	0.18%
Sn	189.933	5284.1	0.595934	0.0026060	mg/L	0.595934	0.0026060	mg/L	0.44%
Be	234.861	241056.5	0.505258	0.0030170	mg/L	0.505258	0.0030170	mg/L	0.60%
As	188.979	1446.4	0.548376	0.0029342	mg/L	0.548376	0.0029342	mg/L	0.54%
Sb	206.833	1898.0	0.485814	0.0024971	mg/L	0.485814	0.0024971	mg/L	0.51%

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Cr 206.158	17635.9	0.673076	0.0036914 mg/L	0.673076	0.0036914 mg/L	0.55%
Pb 220.353	7145.1	1.51923	0.005995 mg/L	1.51923	0.005995 mg/L	0.39%
Ni 231.604	14235.5	0.631402	0.0028234 mg/L	0.631402	0.0028234 mg/L	0.45%
Tl 190.800	718.8	0.516250	0.0033843 mg/L	0.516250	0.0033843 mg/L	0.66%

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: 8/15/05 7:55:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	66697.7	0.485450	0.0025025	mg/L				0.52%
Al 308.215	92691.1	4.99407	0.044825	mg/L				0.90%
Ba 233.527	27260.7	0.515801	0.0031773	mg/L				0.62%
Ca 315.887	3461989.5	51.2176	0.26561	mg/L				0.52%
Cd 226.502	50471.8	0.510222	0.0028666	mg/L				0.56%
Co 228.616	15620.8	0.513660	0.0009570	mg/L				0.19%
Cu 324.754	80194.7	0.500316	0.0055400	mg/L				1.11%
Fe 273.955	80558.5	5.16493	0.029429	mg/L				0.57%
Mg 279.079	610045.6	50.4968	0.31751	mg/L				0.63%
Mn 257.610	259564.7	0.513460	0.0033680	mg/L				0.66%
Se 196.026	3076.6	0.509880	0.0012377	mg/L				0.24%
V 292.402	82181.2	0.503190	0.0034011	mg/L				0.68%
Zn 206.200	23725.0	0.526593	0.0022087	mg/L				0.42%
Na 330.237	38094.4	48.6458	0.23366	mg/L				0.48%
Ti 334.941	233983.3	0.504258	0.0036539	mg/L				0.72%
Mo 202.030	8220.2	0.507447	0.0000737	mg/L				0.01%
Sn 189.933	4478.1	0.505748	0.0008447	mg/L				0.17%
Be 234.861	251832.7	0.505739	0.0031469	mg/L				0.62%
As 188.979	1371.2	0.513718	0.0005461	mg/L				0.11%
Sb 206.833	1977.3	0.512340	0.0023280	mg/L				0.45%
Cr 206.158	13830.9	0.522770	0.0053488	mg/L				1.02%
Pb 220.353	2422.2	0.511641	0.0024180	mg/L				0.47%
Ni 231.604	11231.7	0.514631	0.0012265	mg/L				0.24%
Tl 190.800	737.0	0.516786	0.0005885	mg/L				0.11%

Mean Data

ID: CCB Seq. No.: 19 Sample No.: 9 A/S Pos: 8
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 7:58:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-535.7	-0.0038988	0.00037980	mg/L				9.74%
Al 308.215	5960.9	0.0192982	0.00207019	mg/L				10.73%
Ba 233.527	-14.0	-0.0002658	0.00005099	mg/L				19.18%
Ca 315.887	7233.1	-0.237256	0.0120880	mg/L				5.09%
Cd 226.502	-191.5	-0.0019359	0.00007288	mg/L				3.76%
Co 228.616	-99.0	-0.0030304	0.00001752	mg/L				0.58%
Cu 324.754	8228.9	0.0015258	0.00006070	mg/L				3.98%
Fe 273.955	411.4	-0.0189321	0.00099891	mg/L				5.28%
Mg 279.079	659.2	0.0545652	0.00352918	mg/L				6.47%
Mn 257.610	476.6	0.0009427	0.00003007	mg/L				3.19%
Se 196.026	58.3	0.0009919	0.00024787	mg/L				24.99%
V 292.402	-171.3	-0.0023291	0.00013519	mg/L				5.80%
Zn 206.200	428.9	-0.0054605	0.00022082	mg/L				4.04%
Na 330.237	1908.4	0.850858	0.1451156	mg/L				17.06%
Ti 334.941	-7.2	-0.0000156	0.00011122	mg/L				714.49%
Mo 202.030	-106.9	-0.0012476	0.00021987	mg/L				17.62%
Sn 189.933	-36.8	0.0005572	0.00033006	mg/L				59.23%
Be 234.861	-330.2	-0.0006631	0.00001203	mg/L				1.81%
As 188.979	-36.1	-0.0034013	0.00243339	mg/L				71.54%
Sb 206.833	71.7	-0.0020461	0.00035344	mg/L				17.27%
Cr 206.158	135.3	0.0051125	0.00011632	mg/L				2.28%
Pb 220.353	14.9	-0.0019473	0.00020550	mg/L				10.55%
Ni 231.604	-20.2	-0.0009270	0.00012897	mg/L				13.91%
Tl 190.800	-69.8	0.0000547	0.00453563	mg/L				>999.9%

Mean Data

ID: 18916-001 Seq. No.: 20 Sample No.: 39 A/S Pos: 17
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original

Date: 8/15/05

8:02:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1288.1	-0.0093751	0.00027317	mg/L	-0.0093751	0.00027317	mg/L	2.91%
Al 308.215	418442.5	23.6789	0.11573	mg/L	23.6789	0.11573	mg/L	0.49%
Ba 233.527	49572.6	0.937967	0.0036559	mg/L	0.937967	0.0036559	mg/L	0.39%
Ca 315.887	10695200.2	158.949	1.6177	mg/L	158.949	1.6177	mg/L	1.02%
Cd 226.502	1129.5	0.0029292	0.00006340	mg/L	0.0029292	0.00006340	mg/L	2.16%
Co 228.616	1266.7	0.0418585	0.00011155	mg/L	0.0418585	0.00011155	mg/L	0.27%
Cu 324.754	92213.9	0.583621	0.0026196	mg/L	0.583621	0.0026196	mg/L	0.45%
Fe 273.955	1640996.1	106.093	0.3457	mg/L	106.093	0.3457	mg/L	0.33%
Mg 279.079	1107881.3	91.7054	0.34388	mg/L	91.7054	0.34388	mg/L	0.37%
Mn 257.610	757797.3	1.49904	0.005970	mg/L	1.49904	0.005970	mg/L	0.40%
Se 196.026	-47.8	0.0149314	0.00010091	mg/L	0.0149314	0.00010091	mg/L	0.68%
V 292.402	27955.3	0.176176	0.0004808	mg/L	0.176176	0.0004808	mg/L	0.27%
Zn 206.200	159425.5	3.62583	0.004439	mg/L	3.62583	0.004439	mg/L	0.12%
Na 330.237	-8212.2	-3.83254	0.429923	mg/L	-3.83254	0.429923	mg/L	11.22%
Ti 334.941	430023.0	0.926744	0.0044989	mg/L	0.926744	0.0044989	mg/L	0.49%
Mo 202.030	40.5	0.0077551	0.00011473	mg/L	0.0077551	0.00011473	mg/L	1.48%
Sn 189.933	622.1	0.0742820	0.00166738	mg/L	0.0742820	0.00166738	mg/L	2.24%
Be 234.861	-8084.7	0.0028633	0.00004588	mg/L	0.0028633	0.00004588	mg/L	1.60%
As 188.979	657.0	0.257644	0.0000882	mg/L	0.257644	0.0000882	mg/L	0.03%
Sb 206.833	111.8	0.0087709	0.00185581	mg/L	0.0087709	0.00185581	mg/L	21.16%
Cr 206.158	3220.3	0.145485	0.0005365	mg/L	0.145485	0.0005365	mg/L	0.37%
Pb 220.353	21646.9	4.61306	0.010768	mg/L	4.61306	0.010768	mg/L	0.23%
Ni 231.604	3910.5	0.160349	0.0007983	mg/L	0.160349	0.0007983	mg/L	0.50%
Tl 190.800	-94.4	-0.0053053	0.00039823	mg/L	-0.0053053	0.00039823	mg/L	7.51%

Mean Data

ID: 18916-001 SD

Sample Qty: 1.0000 mL

Seq. No.: 21

Prep. Vol.: Data: Original

Sample No.: 40

1.0 mL

A/S Pos: 18

Dilution: Date: 8/15/05

1.0:

1.0

8:05:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-640.3	-0.0046606	0.00010255	mg/L	-0.0046606	0.00010255	mg/L	2.20%
Al 308.215	85704.5	4.59333	0.028256	mg/L	4.59333	0.028256	mg/L	0.62%
Ba 233.527	10160.7	0.192251	0.0013749	mg/L	0.192251	0.0013749	mg/L	0.72%
Ca 315.887	2210209.9	32.5737	0.18982	mg/L	32.5737	0.18982	mg/L	0.58%
Cd 226.502	64.8	0.0006555	0.00007605	mg/L	0.0006555	0.00007605	mg/L	11.60%
Co 228.616	192.7	0.0065587	0.00003274	mg/L	0.0065587	0.00003274	mg/L	0.50%
Cu 324.754	24525.0	0.114473	0.0003914	mg/L	0.114473	0.0003914	mg/L	0.34%
Fe 273.955	342922.0	22.1344	0.12512	mg/L	22.1344	0.12512	mg/L	0.57%
Mg 279.079	219913.2	18.2034	0.08069	mg/L	18.2034	0.08069	mg/L	0.44%
Mn 257.610	154678.0	0.305977	0.0013393	mg/L	0.305977	0.0013393	mg/L	0.44%
Se 196.026	36.4	0.0039374	0.00090960	mg/L	0.0039374	0.00090960	mg/L	23.10%
V 292.402	5715.5	0.0342963	0.00018293	mg/L	0.0342963	0.00018293	mg/L	0.53%
Zn 206.200	34106.2	0.763687	0.0049510	mg/L	0.763687	0.0049510	mg/L	0.65%
Na 330.237	-119.8	0.232912	0.0283310	mg/L	0.232912	0.0283310	mg/L	12.16%
Ti 334.941	85945.7	0.185222	0.0012163	mg/L	0.185222	0.0012163	mg/L	0.66%
Mo 202.030	-78.1	0.0005111	0.00004068	mg/L	0.0005111	0.00004068	mg/L	7.96%
Sn 189.933	94.3	0.0152291	0.00041424	mg/L	0.0152291	0.00041424	mg/L	2.72%
Be 234.861	-1953.2	0.0000623	0.00004734	mg/L	0.0000623	0.00004734	mg/L	75.99%
As 188.979	101.3	0.0470806	0.00047590	mg/L	0.0470806	0.00047590	mg/L	1.01%
Sb 206.833	74.8	-0.0012091	0.00109167	mg/L	-0.0012091	0.00109167	mg/L	90.29%
Cr 206.158	770.3	0.0316298	0.00344321	mg/L	0.0316298	0.00344321	mg/L	10.89%
Pb 220.353	4325.8	0.917758	0.0031993	mg/L	0.917758	0.0031993	mg/L	0.35%
Ni 231.604	771.9	0.0353657	0.00023320	mg/L	0.0353657	0.00023320	mg/L	0.66%
Tl 190.800	-79.2	-0.0059066	0.00230900	mg/L	-0.0059066	0.00230900	mg/L	39.09%

Mean Data

ID: 18916-002

Sample Qty: 1.0000 mL

Seq. No.: 22

Prep. Vol.: Data: Original

Sample No.: 41

1.0 mL

A/S Pos: 19

Dilution: Date: 8/15/05

1.0:

1.0

8:08:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1447.9	-0.0105387	0.00021538	mg/L	-0.0105387	0.00021538	mg/L	2.04%
Al 308.215	329144.9	18.5569	0.05420	mg/L	18.5569	0.05420	mg/L	0.29%
Ba 233.527	9137.1	0.172884	0.0018345	mg/L	0.172884	0.0018345	mg/L	1.06%
Ca 315.887	178098.2	2.30760	0.018673	mg/L	2.30760	0.018673	mg/L	0.81%

Cd	226.502	216.6	-0.0026582	0.00016505	mg/L	-0.0026582	0.00016505	mg/L	6.21%
Co	228.616	680.5	0.0225918	0.00031131	mg/L	0.0225918	0.00031131	mg/L	1.38%
Cu	324.754	31614.9	0.163613	0.0017867	mg/L	0.163613	0.0017867	mg/L	1.09%
Fe	273.955	937407.3	60.5853	0.29033	mg/L	60.5853	0.29033	mg/L	0.48%
Mg	279.079	86567.6	7.16568	0.043257	mg/L	7.16568	0.043257	mg/L	0.60%
Mn	257.610	231600.7	0.458142	0.0035007	mg/L	0.458142	0.0035007	mg/L	0.76%
Se	196.026	-17.0	0.0064651	0.00083940	mg/L	0.0064651	0.00083940	mg/L	12.98%
V	292.402	11705.1	0.0806628	0.00055969	mg/L	0.0806628	0.00055969	mg/L	0.69%
Zn	206.200	16234.0	0.355507	0.0007237	mg/L	0.355507	0.0007237	mg/L	0.20%
Na	330.237	1007.5	0.618800	0.0169742	mg/L	0.618800	0.0169742	mg/L	2.74%
Ti	334.941	304518.4	0.656268	0.0026945	mg/L	0.656268	0.0026945	mg/L	0.41%
Mo	202.030	-74.6	0.0007222	0.00028040	mg/L	0.0007222	0.00028040	mg/L	38.82%
Sn	189.933	157.7	0.0223258	0.00029520	mg/L	0.0223258	0.00029520	mg/L	1.32%
Be	234.861	-5119.9	0.0006249	0.00001884	mg/L	0.0006249	0.00001884	mg/L	3.01%
As	188.979	-14.3	0.0046060	0.00071206	mg/L	0.0046060	0.00071206	mg/L	15.46%
Sb	206.833	87.5	0.0022291	0.00099718	mg/L	0.0022291	0.00099718	mg/L	44.74%
Cr	206.158	4471.4	0.169005	0.0013281	mg/L	0.169005	0.0013281	mg/L	0.79%
Pb	220.353	1128.6	0.235658	0.0009427	mg/L	0.235658	0.0009427	mg/L	0.40%
Ni	231.604	1640.3	0.0644058	0.00059953	mg/L	0.0644058	0.00059953	mg/L	0.93%
Tl	190.800	-85.6	-0.0027361	0.00138954	mg/L	-0.0027361	0.00138954	mg/L	50.79%

Mean Data

ID: 18916-003 Seq. No.: 23 Sample No.: 42 A/S Pos: 20
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 8:12:13 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-3209.0	-0.0097843	0.00021465	mg/L	-0.0097843	0.00021465	mg/L	2.19%
Al	308.215	1568081.9	89.6213	0.24533	mg/L	89.6213	0.24533	mg/L	0.27%
Ba	233.527	58303.6	1.10317	0.000000	mg/L	1.10317	0.000000	mg/L	0.00%
Ca	315.887	1110107.5	16.1889	0.04310	mg/L	16.1889	0.04310	mg/L	0.27%
Cd	226.502	846.1	-0.0030483	0.00016928	mg/L	-0.0030483	0.00016928	mg/L	5.55%
Co	228.616	2412.4	0.0795170	0.00078293	mg/L	0.0795170	0.00078293	mg/L	0.98%
Cu	324.754	21399.2	0.0986260	0.00017197	mg/L	0.0986260	0.00017197	mg/L	0.17%
Fe	273.955	2242442.2	144.994	0.4647	mg/L	144.994	0.4647	mg/L	0.32%
Mg	279.079	382592.5	31.6693	0.09352	mg/L	31.6693	0.09352	mg/L	0.30%
Mn	257.610	1087447.1	2.15114	0.005966	mg/L	2.15114	0.005966	mg/L	0.28%
Se	196.026	-116.9	0.0149651	0.00159278	mg/L	0.0149651	0.00159278	mg/L	10.64%
V	292.402	34495.1	0.235132	0.0005249	mg/L	0.235132	0.0005249	mg/L	0.22%
Zn	206.200	21021.3	0.464845	0.0020950	mg/L	0.464845	0.0020950	mg/L	0.45%
Na	330.237	-184.7	-0.265513	0.0324991	mg/L	-0.265513	0.0324991	mg/L	12.24%
Ti	334.941	1259234.1	2.71378	0.008566	mg/L	2.71378	0.008566	mg/L	0.32%
Mo	202.030	-112.1	0.0042339	0.00019943	mg/L	0.0042339	0.00019943	mg/L	4.71%
Sn	189.933	1093.1	0.134736	0.0018438	mg/L	0.134736	0.0018438	mg/L	1.37%
Be	234.861	-10019.4	0.0059811	0.00001934	mg/L	0.0059811	0.00001934	mg/L	0.32%
As	188.979	-2.7	0.0230223	0.00007143	mg/L	0.0230223	0.00007143	mg/L	0.31%
Sb	206.833	95.7	0.0044311	0.00185913	mg/L	0.0044311	0.00185913	mg/L	41.96%
Cr	206.158	7726.3	0.292034	0.0008441	mg/L	0.292034	0.0008441	mg/L	0.29%
Pb	220.353	553.5	0.119435	0.0009924	mg/L	0.119435	0.0009924	mg/L	0.83%
Ni	231.604	4752.3	0.192018	0.0008435	mg/L	0.192018	0.0008435	mg/L	0.44%
Tl	190.800	-132.6	-0.0098256	0.00051076	mg/L	-0.0098256	0.00051076	mg/L	5.20%

Mean Data

ID: 18916-004 Seq. No.: 24 Sample No.: 43 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 8:15:29 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1714.9	-0.0061710	0.00034547	mg/L	-0.0061710	0.00034547	mg/L	5.60%
Al	308.215	639544.7	36.3612	0.25639	mg/L	36.3612	0.25639	mg/L	0.71%
Ba	233.527	69355.4	1.31228	0.006972	mg/L	1.31228	0.006972	mg/L	0.53%
Ca	315.887	1160753.7	16.9432	0.06470	mg/L	16.9432	0.06470	mg/L	0.38%
Cd	226.502	1509.3	0.0033074	0.00002411	mg/L	0.0033074	0.00002411	mg/L	0.73%
Co	228.616	1598.6	0.0527671	0.00007146	mg/L	0.0527671	0.00007146	mg/L	0.14%
Cu	324.754	107176.6	0.693319	0.0052110	mg/L	0.693319	0.0052110	mg/L	0.75%
Fe	273.955	2309942.6	149.360	0.7664	mg/L	149.360	0.7664	mg/L	0.51%
Mg	279.079	169828.6	14.0576	0.04301	mg/L	14.0576	0.04301	mg/L	0.31%
Mn	257.610	989832.6	1.95804	0.009041	mg/L	1.95804	0.009041	mg/L	0.46%
Se	196.026	-118.9	0.0159375	0.00095300	mg/L	0.0159375	0.00095300	mg/L	5.98%
V	292.402	19842.4	0.144626	0.0007879	mg/L	0.144626	0.0007879	mg/L	0.54%

Zn 206.200	186529.3	4.24484	0.018764	mg/L	4.24484	0.018764	mg/L	0.44%
Na 330.237	-9660.2	-3.41761	0.063967	mg/L	-3.41761	0.063967	mg/L	1.87%
Ti 334.941	585504.7	1.26182	0.008545	mg/L	1.26182	0.008545	mg/L	0.68%
Mo 202.030	62.5	0.0150789	0.00012895	mg/L	0.0150789	0.00012895	mg/L	0.86%
Sn 189.933	679.6	0.0807220	0.00040433	mg/L	0.0807220	0.00040433	mg/L	0.50%
Be 234.861	-11784.5	0.0032223	0.00000900	mg/L	0.0032223	0.00000900	mg/L	0.28%
As 188.979	803.4	0.314025	0.0021511	mg/L	0.314025	0.0021511	mg/L	0.68%
Sb 206.833	124.2	0.0121370	0.00009043	mg/L	0.0121370	0.00009043	mg/L	0.75%
Cr 206.158	4619.1	0.202415	0.0018243	mg/L	0.202415	0.0018243	mg/L	0.90%
Pb 220.353	29685.0	6.32792	0.030224	mg/L	6.32792	0.030224	mg/L	0.48%
Ni 231.604	4796.3	0.193261	0.0002597	mg/L	0.193261	0.0002597	mg/L	0.13%
Tl 190.800	-102.5	-0.0067434	0.00032037	mg/L	-0.0067434	0.00032037	mg/L	4.75%

Mean Data

ID: 18916-005 Seq. No.: 25 Sample No.: 44 A/S Pos: 22
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:18:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2087.4	-0.0077578	0.00053309	mg/L	-0.0077578	0.00053309	mg/L	6.87%
Al 308.215	746857.9	42.5166	0.18705	mg/L	42.5166	0.18705	mg/L	0.44%
Ba 233.527	63768.8	1.20657	0.003776	mg/L	1.20657	0.003776	mg/L	0.31%
Ca 315.887	1121696.7	16.3615	0.05783	mg/L	16.3615	0.05783	mg/L	0.35%
Cd 226.502	3679.3	0.0073735	0.00037697	mg/L	0.0073735	0.00037697	mg/L	5.11%
Co 228.616	2631.1	0.0867048	0.00042571	mg/L	0.0867048	0.00042571	mg/L	0.49%
Cu 324.754	160598.2	1.07254	0.004412	mg/L	1.07254	0.004412	mg/L	0.41%
Fe 273.955	5763050.2	372.705	1.8412	mg/L	372.705	1.8412	mg/L	0.49%
Mg 279.079	185109.4	15.3225	0.06845	mg/L	15.3225	0.06845	mg/L	0.45%
Mn 257.610	1755139.3	3.47194	0.013517	mg/L	3.47194	0.013517	mg/L	0.39%
Se 196.026	-465.3	0.0245560	0.00277970	mg/L	0.0245560	0.00277970	mg/L	11.32%
V 292.402	18510.4	0.169893	0.0007665	mg/L	0.169893	0.0007665	mg/L	0.45%
Zn 206.200	171568.9	3.90317	0.014441	mg/L	3.90317	0.014441	mg/L	0.37%
Na 330.237	-8639.6	-4.57275	0.020230	mg/L	-4.57275	0.020230	mg/L	0.44%
Ti 334.941	689847.4	1.48669	0.006706	mg/L	1.48669	0.006706	mg/L	0.45%
Mo 202.030	283.8	0.0375309	0.00013726	mg/L	0.0375309	0.00013726	mg/L	0.37%
Sn 189.933	1815.8	0.207852	0.0006863	mg/L	0.207852	0.0006863	mg/L	0.33%
Be 234.861	-31759.2	0.0033157	0.00032881	mg/L	0.0033157	0.00032881	mg/L	9.92%
As 188.979	1932.9	0.742447	0.0007851	mg/L	0.742447	0.0007851	mg/L	0.11%
Sb 206.833	195.6	0.0313983	0.00007275	mg/L	0.0313983	0.00007275	mg/L	0.23%
Cr 206.158	7081.8	0.293257	0.0009667	mg/L	0.293257	0.0009667	mg/L	0.33%
Pb 220.353	29452.7	6.26884	0.025078	mg/L	6.26884	0.025078	mg/L	0.40%
Ni 231.604	8252.7	0.311999	0.0008897	mg/L	0.311999	0.0008897	mg/L	0.29%
Tl 190.800	-116.8	-0.0058612	0.00185568	mg/L	-0.0058612	0.00185568	mg/L	31.66%

Mean Data

ID: 18916-006 Seq. No.: 26 Sample No.: 45 A/S Pos: 23
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:23:03 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1556.1	-0.0059501	0.00032278	mg/L	-0.0059501	0.00032278	mg/L	5.42%
Al 308.215	624630.3	35.5057	0.31500	mg/L	35.5057	0.31500	mg/L	0.89%
Ba 233.527	43795.4	0.828656	0.0060361	mg/L	0.828656	0.0060361	mg/L	0.73%
Ca 315.887	1125574.1	16.4192	0.13051	mg/L	16.4192	0.13051	mg/L	0.79%
Cd 226.502	1024.7	0.0003872	0.00011140	mg/L	0.0003872	0.00011140	mg/L	28.77%
Co 228.616	1452.8	0.0479751	0.00043742	mg/L	0.0479751	0.00043742	mg/L	0.91%
Cu 324.754	53849.5	0.320235	0.0054887	mg/L	0.320235	0.0054887	mg/L	1.71%
Fe 273.955	1927582.3	124.629	1.0958	mg/L	124.629	1.0958	mg/L	0.88%
Mg 279.079	155383.9	12.8620	0.11107	mg/L	12.8620	0.11107	mg/L	0.86%
Mn 257.610	1335190.2	2.64122	0.021601	mg/L	2.64122	0.021601	mg/L	0.82%
Se 196.026	-98.1	0.0120114	0.00078559	mg/L	0.0120114	0.00078559	mg/L	6.54%
V 292.402	16985.2	0.123135	0.0010359	mg/L	0.123135	0.0010359	mg/L	0.84%
Zn 206.200	106594.4	2.41923	0.023113	mg/L	2.41923	0.023113	mg/L	0.96%
Na 330.237	-4669.3	-1.67039	0.016036	mg/L	-1.67039	0.016036	mg/L	0.96%
Ti 334.941	498795.8	1.07496	0.008203	mg/L	1.07496	0.008203	mg/L	0.76%
Mo 202.030	-38.2	0.0054539	0.00347078	mg/L	0.0054539	0.00347078	mg/L	63.64%
Sn 189.933	406.1	0.0501169	0.00023059	mg/L	0.0501169	0.00023059	mg/L	0.46%
Be 234.861	-9861.5	0.0026320	0.00005473	mg/L	0.0026320	0.00005473	mg/L	2.08%
As 188.979	1021.0	0.392504	0.0038384	mg/L	0.392504	0.0038384	mg/L	0.98%
Sb 206.833	106.2	0.0072767	0.00176272	mg/L	0.0072767	0.00176272	mg/L	24.22%

Cr 206.158	3419.3	0.145098	0.0014883 mg/L	0.145098	0.0014883 mg/L	1.03%
Pb 220.353	20588.5	4.38726	0.022105 mg/L	4.38726	0.022105 mg/L	0.50%
Ni 231.604	3606.1	0.143114	0.0009426 mg/L	0.143114	0.0009426 mg/L	0.66%
Tl 190.800	-98.8	-0.0064641	0.00447141 mg/L	-0.0064641	0.00447141 mg/L	69.17%

Mean Data

ID: 18916-007 Seq. No.: 27 Sample No.: 46 A/S Pos: 24
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:26:16 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3301.3	-0.0114266	0.00021603	mg/L	-0.0114266	0.00021603	mg/L	1.89%
Al 308.215	1224153.8	69.8939	0.87110	mg/L	69.8939	0.87110	mg/L	1.25%
Ba 233.527	36373.1	0.688218	0.0085435	mg/L	0.688218	0.0085435	mg/L	1.24%
Ca 315.887	916547.0	13.3060	0.17652	mg/L	13.3060	0.17652	mg/L	1.33%
Cd 226.502	751.6	-0.0020707	0.00009733	mg/L	-0.0020707	0.00009733	mg/L	4.70%
Co 228.616	2175.4	0.0717255	0.00049224	mg/L	0.0717255	0.00049224	mg/L	0.69%
Cu 324.754	34092.0	0.180781	0.0023416	mg/L	0.180781	0.0023416	mg/L	1.30%
Fe 273.955	1869079.1	120.845	1.5116	mg/L	120.845	1.5116	mg/L	1.25%
Mg 279.079	332287.2	27.5052	0.34849	mg/L	27.5052	0.34849	mg/L	1.27%
Mn 257.610	924606.4	1.82902	0.022263	mg/L	1.82902	0.022263	mg/L	1.22%
Se 196.026	-81.6	0.0136720	0.00126787	mg/L	0.0136720	0.00126787	mg/L	9.27%
V 292.402	30391.8	0.205976	0.0029836	mg/L	0.205976	0.0029836	mg/L	1.45%
Zn 206.200	32186.6	0.719846	0.0078738	mg/L	0.719846	0.0078738	mg/L	1.09%
Na 330.237	-518.1	0.0482177	0.03142420	mg/L	0.0482177	0.03142420	mg/L	65.17%
Ti 334.941	1169189.2	2.51972	0.031033	mg/L	2.51972	0.031033	mg/L	1.23%
Mo 202.030	-104.7	-0.0011147	0.00022512	mg/L	-0.0011147	0.00022512	mg/L	20.20%
Sn 189.933	383.4	0.0547660	0.00182151	mg/L	0.0547660	0.00182151	mg/L	3.33%
Be 234.861	-8429.5	0.0048265	0.00009113	mg/L	0.0048265	0.00009113	mg/L	1.89%
As 188.979	42.4	0.0352400	0.00368080	mg/L	0.0352400	0.00368080	mg/L	10.44%
Sb 206.833	101.0	0.0058611	0.00118539	mg/L	0.0058611	0.00118539	mg/L	20.22%
Cr 206.158	10132.6	0.382984	0.0053489	mg/L	0.382984	0.0053489	mg/L	1.40%
Pb 220.353	1084.6	0.228809	0.0047337	mg/L	0.228809	0.0047337	mg/L	2.07%
Ni 231.604	4190.7	0.170570	0.0012151	mg/L	0.170570	0.0012151	mg/L	0.71%
Tl 190.800	-133.5	-0.0125638	0.00174972	mg/L	-0.0125638	0.00174972	mg/L	13.93%

Mean Data

ID: 18916-011 Seq. No.: 28 Sample No.: 47 A/S Pos: 25
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:29:23 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1485.5	-0.0108124	0.00081777	mg/L	-0.0108124	0.00081777	mg/L	7.56%
Al 308.215	362033.5	20.4433	0.10920	mg/L	20.4433	0.10920	mg/L	0.53%
Ba 233.527	103777.1	1.96357	0.009338	mg/L	1.96357	0.009338	mg/L	0.48%
Ca 315.887	211773.7	2.80916	0.007542	mg/L	2.80916	0.007542	mg/L	0.27%
Cd 226.502	687.2	-0.0018938	0.00001111	mg/L	-0.0018938	0.00001111	mg/L	0.59%
Co 228.616	1159.9	0.0383494	0.00040015	mg/L	0.0383494	0.00040015	mg/L	1.04%
Cu 324.754	37360.6	0.203436	0.0008789	mg/L	0.203436	0.0008789	mg/L	0.43%
Fe 273.955	1708926.9	110.487	0.5736	mg/L	110.487	0.5736	mg/L	0.52%
Mg 279.079	103662.6	8.58072	0.040183	mg/L	8.58072	0.040183	mg/L	0.47%
Mn 257.610	540769.1	1.06973	0.005083	mg/L	1.06973	0.005083	mg/L	0.48%
Se 196.026	-86.4	0.0097458	0.00006875	mg/L	0.0097458	0.00006875	mg/L	0.71%
V 292.402	11248.7	0.0853200	0.00052696	mg/L	0.0853200	0.00052696	mg/L	0.62%
Zn 206.200	66355.0	1.50021	0.007078	mg/L	1.50021	0.007078	mg/L	0.47%
Na 330.237	-2147.0	-0.769220	0.0026045	mg/L	-0.769220	0.0026045	mg/L	0.34%
Ti 334.941	451807.1	0.973691	0.0049450	mg/L	0.973691	0.0049450	mg/L	0.51%
Mo 202.030	58.0	0.0008247	0.00009132	mg/L	0.0008247	0.00009132	mg/L	1.03%
Sn 189.933	230.1	0.0304169	0.00052228	mg/L	0.0304169	0.00052228	mg/L	1.72%
Be 234.861	-9495.6	0.0008209	0.00006226	mg/L	0.0008209	0.00006226	mg/L	7.58%
As 188.979	43.3	0.0324237	0.00005659	mg/L	0.0324237	0.00005659	mg/L	0.17%
Sb 206.833	104.6	0.0068468	0.00177304	mg/L	0.0068468	0.00177304	mg/L	25.90%
Cr 206.158	3072.4	0.125963	0.0004108	mg/L	0.125963	0.0004108	mg/L	0.33%
Pb 220.353	44695.6	9.53031	0.052934	mg/L	9.53031	0.052934	mg/L	0.56%
Ni 231.604	2630.1	0.100902	0.0006091	mg/L	0.100902	0.0006091	mg/L	0.60%
Tl 190.800	-94.4	-0.0048007	0.00195877	mg/L	-0.0048007	0.00195877	mg/L	40.80%

Mean Data

ID: 18916-012 Seq. No.: 29 Sample No.: 48 A/S Pos: 26
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original

Date: 8/15/05

8:33:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2891.0	-0.0088560	0.00060237	mg/L	-0.0088560	0.00060237	mg/L	6.80%
Al 308.215	1291464.1	73.7548	0.59079	mg/L	73.7548	0.59079	mg/L	0.80%
Ba 233.527	41537.1	0.785927	0.0070070	mg/L	0.785927	0.0070070	mg/L	0.89%
Ca 315.887	1178103.0	17.2016	0.17299	mg/L	17.2016	0.17299	mg/L	1.01%
Cd 226.502	517.6	-0.0027468	0.00015443	mg/L	-0.0027468	0.00015443	mg/L	5.62%
Co 228.616	1612.6	0.0532269	0.00030026	mg/L	0.0532269	0.00030026	mg/L	0.56%
Cu 324.754	19377.4	0.0787950	0.00044798	mg/L	0.0787950	0.00044798	mg/L	0.57%
Fe 273.955	1542525.1	99.7239	0.98165	mg/L	99.7239	0.98165	mg/L	0.98%
Mg 279.079	308826.8	25.5633	0.26163	mg/L	25.5633	0.26163	mg/L	1.02%
Mn 257.610	980228.4	1.93905	0.017675	mg/L	1.93905	0.017675	mg/L	0.91%
Se 196.026	-55.5	0.0117291	0.00047376	mg/L	0.0117291	0.00047376	mg/L	4.04%
V 292.402	29482.1	0.197143	0.0019933	mg/L	0.197143	0.0019933	mg/L	1.01%
Zn 206.200	16829.1	0.369099	0.0011696	mg/L	0.369099	0.0011696	mg/L	0.32%
Na 330.237	626.7	0.721503	0.0019495	mg/L	0.721503	0.0019495	mg/L	0.27%
Ti 334.941	1130602.1	2.43656	0.022017	mg/L	2.43656	0.022017	mg/L	0.90%
Mo 202.030	-85.1	0.0000853	0.00004966	mg/L	0.0000853	0.00004966	mg/L	58.23%
Sn 189.933	147.2	0.0281037	0.00007248	mg/L	0.0281037	0.00007248	mg/L	0.26%
Be 234.861	-6537.2	0.0048244	0.00009337	mg/L	0.0048244	0.00009337	mg/L	1.94%
As 188.979	-3.3	0.0146263	0.00136935	mg/L	0.0146263	0.00136935	mg/L	9.36%
Sb 206.833	88.4	0.0024653	0.00102787	mg/L	0.0024653	0.00102787	mg/L	41.69%
Cr 206.158	6216.0	0.234947	0.0000123	mg/L	0.234947	0.0000123	mg/L	0.01%
Pb 220.353	456.6	0.0976094	0.00071504	mg/L	0.0976094	0.00071504	mg/L	0.73%
Ni 231.604	3648.3	0.149466	0.0003802	mg/L	0.149466	0.0003802	mg/L	0.25%
Tl 190.800	-123.6	-0.0071728	0.00195622	mg/L	-0.0071728	0.00195622	mg/L	27.27%

Mean Data

ID: CCV V-4510

Sample Qty: 1.0000 g

Seq. No.: 30

Prep. Vol.: Data: Original

Sample No.: 5

1.0 L

A/S Pos: 4

Dilution: Date: 8/15/05

1.0:

1.0

8:36:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	66932.7	0.487161	0.0004997	mg/L				0.10%
Al 308.215	92976.2	5.01043	0.014738	mg/L				0.29%
Ba 233.527	27155.7	0.513815	0.0009696	mg/L				0.19%
Ca 315.887	3453410.0	51.0898	0.07251	mg/L				0.14%
Cd 226.502	50588.2	0.511398	0.0004863	mg/L				0.10%
Co 228.616	15605.5	0.513159	0.0001009	mg/L				0.02%
Cu 324.754	80094.9	0.499624	0.0015468	mg/L				0.31%
Fe 273.955	80935.1	5.18929	0.018802	mg/L				0.36%
Mg 279.079	611936.3	50.6533	0.08350	mg/L				0.16%
Mn 257.610	260968.4	0.516236	0.0011484	mg/L				0.22%
Se 196.026	3059.3	0.506964	0.0013104	mg/L				0.26%
V 292.402	82454.0	0.504866	0.0010577	mg/L				0.21%
Zn 206.200	23601.9	0.523782	0.0005402	mg/L				0.10%
Na 330.237	38244.8	48.8315	0.01184	mg/L				0.02%
Ti 334.941	236011.2	0.508628	0.0012962	mg/L				0.25%
Mo 202.030	8197.0	0.506026	0.0000828	mg/L				0.02%
Sn 189.933	4462.8	0.504036	0.0002879	mg/L				0.06%
Be 234.861	253062.1	0.508207	0.0014336	mg/L				0.28%
As 188.979	1366.8	0.512076	0.0004654	mg/L				0.09%
Sb 206.833	1963.5	0.508612	0.0009405	mg/L				0.18%
Cr 206.158	13640.4	0.515568	0.0000306	mg/L				0.01%
Pb 220.353	2414.8	0.510050	0.0004059	mg/L				0.08%
Ni 231.604	11169.5	0.511781	0.0004800	mg/L				0.09%
Tl 190.800	731.5	0.513326	0.0054015	mg/L				1.05%

Mean Data

ID: CCB

Sample Qty: 1.0000 g

Seq. No.: 31

Prep. Vol.: Data: Original

Sample No.: 9

1.0 L

A/S Pos: 8

Dilution: Date: 8/15/05

1.0:

1.0

8:39:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-512.3	-0.0037286	0.00078528	mg/L				21.06%
Al 308.215	5972.5	0.0199620	0.00060101	mg/L				3.01%
Ba 233.527	11.1	0.0002101	0.00001464	mg/L				6.97%
Ca 315.887	7772.4	-0.229224	0.0015556	mg/L				0.68%

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Cd	226.502	-197.7	-0.0019987	0.00003676	mg/L	1.84%
Co	228.616	-95.3	-0.0029102	0.00026690	mg/L	9.17%
Cu	324.754	8196.4	0.0013008	0.00024293	mg/L	18.68%
Fe	273.955	752.1	0.0031053	0.00511296	mg/L	164.65%
Mg	279.079	692.6	0.0573299	0.00333148	mg/L	5.81%
Mn	257.610	713.3	0.0014110	0.00012210	mg/L	8.65%
Se	196.026	47.8	-0.0007888	0.00063982	mg/L	81.11%
V	292.402	-124.4	-0.0020375	0.00000557	mg/L	0.27%
Zn	206.200	490.5	-0.0040535	0.00001152	mg/L	0.28%
Na	330.237	1936.4	0.886858	0.0448511	mg/L	5.06%
Ti	334.941	113.9	0.0002454	0.00002054	mg/L	8.37%
Mo	202.030	-106.1	-0.0011997	0.00049946	mg/L	41.63%
Sn	189.933	-39.6	0.0002397	0.00008015	mg/L	33.44%
Be	234.861	-329.7	-0.0006621	0.00000673	mg/L	1.02%
As	188.979	-34.6	-0.0028382	0.00195121	mg/L	68.75%
Sb	206.833	69.1	-0.0027340	0.00027897	mg/L	10.20%
Cr	206.158	143.2	0.0054113	0.00007799	mg/L	1.44%
Pb	220.353	20.8	-0.0006815	0.00088935	mg/L	130.50%
Ni	231.604	-19.6	-0.0008980	0.00001037	mg/L	1.15%
Pt	190.800	-70.5	-0.0003833	0.00147698	mg/L	385.32%

Mean Data

ID: 18916-013 Seq. No.: 32 Sample No.: 49 A/S Pos: 27
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 8:42:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-1954.0	-0.0077256	0.00031281	mg/L	-0.0077256	0.00031281	4.05%
Al	308.215	843304.9	48.0487	0.22220	mg/L	48.0487	0.22220	0.46%
Ba	233.527	35692.7	0.675344	0.0060717	mg/L	0.675344	0.0060717	0.90%
Ca	315.887	1104777.7	16.1095	0.07254	mg/L	16.1095	0.07254	0.45%
Cd	226.502	1975.2	0.0025196	0.00003834	mg/L	0.0025196	0.00003834	1.52%
Co	228.616	2137.1	0.0704677	0.00001001	mg/L	0.0704677	0.00001001	0.01%
Cu	324.754	107212.5	0.696325	0.0046688	mg/L	0.696325	0.0046688	0.67%
Fe	273.955	3372172.0	218.064	1.0216	mg/L	218.064	1.0216	0.47%
Mg	279.079	198811.2	16.4567	0.13831	mg/L	16.4567	0.13831	0.84%
Mn	257.610	1871747.3	3.70261	0.015441	mg/L	3.70261	0.015441	0.42%
Se	196.026	-227.9	0.0181754	0.00125421	mg/L	0.0181754	0.00125421	6.90%
V	292.402	25898.6	0.192627	0.0007490	mg/L	0.192627	0.0007490	0.39%
Zn	206.200	90413.7	2.04968	0.019101	mg/L	2.04968	0.019101	0.93%
Na	330.237	-3741.2	-2.02936	0.013386	mg/L	-2.02936	0.013386	0.66%
Ti	334.941	602761.7	1.29901	0.005162	mg/L	1.29901	0.005162	0.40%
Mo	202.030	256.3	0.0296638	0.00051429	mg/L	0.0296638	0.00051429	1.73%
Sn	189.933	768.4	0.0906515	0.00046529	mg/L	0.0906515	0.00046529	0.51%
Be	234.861	-17589.5	0.0039329	0.00004087	mg/L	0.0039329	0.00004087	1.04%
As	188.979	2514.5	0.946881	0.0009378	mg/L	0.946881	0.0009378	0.10%
Sb	206.833	169.4	0.0243206	0.00112293	mg/L	0.0243206	0.00112293	4.62%
Cr	206.158	6091.2	0.243668	0.0030432	mg/L	0.243668	0.0030432	1.25%
Pb	220.353	11409.2	2.42336	0.003087	mg/L	2.42336	0.003087	0.13%
Ni	231.604	6083.7	0.240058	0.0010293	mg/L	0.240058	0.0010293	0.43%
Pt	190.800	-102.1	-0.0060786	0.00244825	mg/L	-0.0060786	0.00244825	40.28%

Mean Data

ID: 18916-014 Seq. No.: 33 Sample No.: 50 A/S Pos: 28
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/15/05 8:46:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-1320.9	-0.0096141	0.00016688	mg/L	-0.0096141	0.00016688	1.74%
Al	308.215	355563.2	20.0722	0.12173	mg/L	20.0722	0.12173	0.61%
Ba	233.527	32822.4	0.621035	0.0018520	mg/L	0.621035	0.0018520	0.30%
Ca	315.887	187810.5	2.45225	0.015670	mg/L	2.45225	0.015670	0.64%
Cd	226.502	1140.5	0.0060617	0.00004241	mg/L	0.0060617	0.00004241	0.70%
Co	228.616	1435.1	0.0473949	0.00008383	mg/L	0.0473949	0.00008383	0.18%
Cu	324.754	28528.7	0.142222	0.0003441	mg/L	0.142222	0.0003441	0.24%
Fe	273.955	1057228.1	68.3353	0.53610	mg/L	68.3353	0.53610	0.78%
Mg	279.079	95766.1	7.92709	0.035249	mg/L	7.92709	0.035249	0.44%
Mn	257.610	547455.2	1.08295	0.007349	mg/L	1.08295	0.007349	0.68%
Se	196.026	-42.3	0.0045337	0.00044688	mg/L	0.0045337	0.00044688	9.86%
V	292.402	10506.2	0.0743679	0.00039197	mg/L	0.0743679	0.00039197	0.53%

Zn	206.200	132565.4	3.01238	0.016090	mg/L	3.01238	0.016090	mg/L	0.53%
Na	330.237	-6150.0	-2.18074	0.005232	mg/L	-2.18074	0.005232	mg/L	0.24%
Ti	334.941	333096.9	0.717858	0.0055869	mg/L	0.717858	0.0055869	mg/L	0.78%
Mo	202.030	-104.9	-0.0011296	0.00043062	mg/L	-0.0011296	0.00043062	mg/L	38.12%
Sn	189.933	188.3	0.0257495	0.00111222	mg/L	0.0257495	0.00111222	mg/L	4.32%
Be	234.861	-5250.6	0.0017575	0.00002791	mg/L	0.0017575	0.00002791	mg/L	1.59%
As	188.979	3.3	0.0110691	0.00073741	mg/L	0.0110691	0.00073741	mg/L	6.66%
Sb	206.833	85.5	0.0016705	0.00063821	mg/L	0.0016705	0.00063821	mg/L	38.21%
Cr	206.158	2249.9	0.104787	0.0009979	mg/L	0.104787	0.0009979	mg/L	0.95%
Pb	220.353	1492.9	0.313383	0.0008256	mg/L	0.313383	0.0008256	mg/L	0.26%
Ni	231.604	5082.7	0.220760	0.0003148	mg/L	0.220760	0.0003148	mg/L	0.14%
Tl	190.800	-94.3	-0.0075485	0.00145234	mg/L	-0.0075485	0.00145234	mg/L	19.24%

Mean Data

ID: 18916-015 Seq. No.: 34 Sample No.: 51 A/S Pos: 29
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:49:25 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-2371.4	-0.0078786	0.00022448	mg/L	-0.0078786	0.00022448	mg/L	2.85%
Al	308.215	1068331.1	60.9560	0.48375	mg/L	60.9560	0.48375	mg/L	0.79%
Ba	233.527	44038.8	0.833261	0.0059545	mg/L	0.833261	0.0059545	mg/L	0.71%
Ca	315.887	1690024.2	24.8261	0.20374	mg/L	24.8261	0.20374	mg/L	0.82%
Cd	226.502	409.3	-0.0026728	0.00012035	mg/L	-0.0026728	0.00012035	mg/L	4.50%
Co	228.616	1180.9	0.0390379	0.00010317	mg/L	0.0390379	0.00010317	mg/L	0.26%
Cu	324.754	22032.3	0.0971963	0.00074512	mg/L	0.0971963	0.00074512	mg/L	0.77%
Fe	273.955	1316712.4	85.1185	0.71892	mg/L	85.1185	0.71892	mg/L	0.84%
Mg	279.079	232987.9	19.2857	0.15376	mg/L	19.2857	0.15376	mg/L	0.80%
Mn	257.610	1014375.3	2.00659	0.016433	mg/L	2.00659	0.016433	mg/L	0.82%
Se	196.026	-24.2	0.0126147	0.00328929	mg/L	0.0126147	0.00328929	mg/L	26.07%
V	292.402	22771.8	0.153201	0.0012586	mg/L	0.153201	0.0012586	mg/L	0.82%
Zn	206.200	13140.7	0.284860	0.0007933	mg/L	0.284860	0.0007933	mg/L	0.28%
Na	330.237	1144.4	0.975400	0.0820590	mg/L	0.975400	0.0820590	mg/L	8.41%
Ti	334.941	870426.0	1.87586	0.015592	mg/L	1.87586	0.015592	mg/L	0.83%
Mo	202.030	-72.9	0.0008263	0.00009216	mg/L	0.0008263	0.00009216	mg/L	11.15%
Sn	189.933	162.3	0.0281878	0.00055324	mg/L	0.0281878	0.00055324	mg/L	1.96%
Be	234.861	-5799.0	0.0036775	0.00006901	mg/L	0.0036775	0.00006901	mg/L	1.88%
As	188.979	11.1	0.0190399	0.00122789	mg/L	0.0190399	0.00122789	mg/L	6.45%
Sb	206.833	88.2	0.0024002	0.00025477	mg/L	0.0024002	0.00025477	mg/L	10.61%
Cr	206.158	5218.7	0.197253	0.0003395	mg/L	0.197253	0.0003395	mg/L	0.17%
Pb	220.353	1794.2	0.377666	0.0015712	mg/L	0.377666	0.0015712	mg/L	0.42%
Ni	231.604	3302.0	0.136190	0.0001816	mg/L	0.136190	0.0001816	mg/L	0.13%
Tl	190.800	-119.8	-0.0109887	0.00203560	mg/L	-0.0109887	0.00203560	mg/L	18.52%

Mean Data

ID: 18916-016 Seq. No.: 35 Sample No.: 52 A/S Pos: 30
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 8:52:36 PM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1841.6	-0.0071432	0.00031268	mg/L	-0.0071432	0.00031268	mg/L	4.38%
Al	308.215	991167.1	56.5300	0.38263	mg/L	56.5300	0.38263	mg/L	0.68%
Ba	233.527	23150.7	0.438037	0.0032682	mg/L	0.438037	0.0032682	mg/L	0.75%
Ca	315.887	385839.6	5.40168	0.030105	mg/L	5.40168	0.030105	mg/L	0.56%
Cd	226.502	914.2	-0.0026584	0.00020989	mg/L	-0.0026584	0.00020989	mg/L	7.90%
Co	228.616	2677.5	0.0882308	0.00004998	mg/L	0.0882308	0.00004998	mg/L	0.06%
Cu	324.754	39245.9	0.222470	0.0015921	mg/L	0.222470	0.0015921	mg/L	0.72%
Fe	273.955	2300079.6	148.722	0.9236	mg/L	148.722	0.9236	mg/L	0.62%
Mg	279.079	214476.4	17.7534	0.10707	mg/L	17.7534	0.10707	mg/L	0.60%
Mn	257.610	1442283.9	2.85306	0.017836	mg/L	2.85306	0.017836	mg/L	0.63%
Se	196.026	-141.5	0.0119367	0.00225848	mg/L	0.0119367	0.00225848	mg/L	18.92%
V	292.402	19397.7	0.141764	0.0005054	mg/L	0.141764	0.0005054	mg/L	0.36%
Zn	206.200	39936.4	0.896842	0.0064746	mg/L	0.896842	0.0064746	mg/L	0.72%
Na	330.237	-646.0	-0.551763	0.0219814	mg/L	-0.551763	0.0219814	mg/L	3.98%
Ti	334.941	580886.6	1.25187	0.007890	mg/L	1.25187	0.007890	mg/L	0.63%
Mo	202.030	53.1	0.0144743	0.00018021	mg/L	0.0144743	0.00018021	mg/L	1.25%
Sn	189.933	301.3	0.0383946	0.00082274	mg/L	0.0383946	0.00082274	mg/L	2.14%
Be	234.861	-11853.1	0.0029697	0.00002353	mg/L	0.0029697	0.00002353	mg/L	0.79%
As	188.979	138.2	0.0695908	0.00060378	mg/L	0.0695908	0.00060378	mg/L	0.87%
Sb	206.833	118.0	0.0104635	0.00070983	mg/L	0.0104635	0.00070983	mg/L	6.78%

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Cr 206.158	4496.4	0.175832	0.0010922 mg/L	0.175832	0.0010922 mg/L	0.62%
Pb 220.353	2294.1	0.484304	0.0003492 mg/L	0.484304	0.0003492 mg/L	0.07%
Ni 231.604	6060.2	0.251283	0.0009557 mg/L	0.251283	0.0009557 mg/L	0.38%
Tl 190.800	-102.0	-0.0065393	0.00130091 mg/L	-0.0065393	0.00130091 mg/L	19.89%

Mean Data

ID: 18916-017	Seq. No.: 36	Sample No.: 53	A/S Pos: 31
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/15/05	8:55:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev. Units	Calib Units	Mean Conc.	Std.Dev. Units	Sample Units	RSD
Ag 328.068	-1353.3	-0.0098502	0.00014051	mg/L	-0.0098502	0.00014051	mg/L	1.43%
Al 308.215	416514.8	23.5683	0.11437	mg/L	23.5683	0.11437	mg/L	0.49%
Ba 233.527	35969.4	0.680579	0.0025938	mg/L	0.680579	0.0025938	mg/L	0.38%
Ca 315.887	956120.0	13.8954	0.06543	mg/L	13.8954	0.06543	mg/L	0.47%
Cd 226.502	1473.8	0.0009747	0.00018674	mg/L	0.0009747	0.00018674	mg/L	19.16%
Co 228.616	1770.6	0.0584227	0.00028313	mg/L	0.0584227	0.00028313	mg/L	0.48%
Cu 324.754	215738.5	1.44674	0.006443	mg/L	1.44674	0.006443	mg/L	0.45%
Fe 273.955	2691231.1	174.021	0.7114	mg/L	174.021	0.7114	mg/L	0.41%
Mg 279.079	38547.1	3.19076	0.011729	mg/L	3.19076	0.011729	mg/L	0.37%
Mn 257.610	2594931.1	5.13318	0.017406	mg/L	5.13318	0.017406	mg/L	0.34%
Se 196.026	-86.1	0.0237152	0.00041887	mg/L	0.0237152	0.00041887	mg/L	1.77%
V 292.402	6907.6	0.0678567	0.0006235	mg/L	0.0678567	0.0006235	mg/L	0.09%
Zn 206.200	94621.0	2.14577	0.006279	mg/L	2.14577	0.006279	mg/L	0.29%
Na 330.237	-3689.3	-2.07893	0.089632	mg/L	-2.07893	0.089632	mg/L	4.31%
Ti 334.941	343514.7	0.740310	0.0030931	mg/L	0.740310	0.0030931	mg/L	0.42%
Mo 202.030	240.1	0.0269116	0.00013561	mg/L	0.0269116	0.00013561	mg/L	0.50%
Sn 189.933	666.6	0.0792638	0.00004213	mg/L	0.0792638	0.00004213	mg/L	0.05%
Be 234.861	-12994.5	0.0052320	0.00010024	mg/L	0.0052320	0.00010024	mg/L	1.92%
As 188.979	366.6	0.155011	0.0000621	mg/L	0.155011	0.0000621	mg/L	0.04%
Sb 206.833	147.3	0.0183619	0.00183461	mg/L	0.0183619	0.00183461	mg/L	9.99%
Cr 206.158	4518.8	0.184865	0.0005498	mg/L	0.184865	0.0005498	mg/L	0.30%
Pb 220.353	18011.2	3.83741	0.019615	mg/L	3.83741	0.019615	mg/L	0.51%
Ni 231.604	9180.3	0.389754	0.0012505	mg/L	0.389754	0.0012505	mg/L	0.32%
Tl 190.800	-90.7	-0.0049898	0.00032456	mg/L	-0.0049898	0.00032456	mg/L	6.50%

Mean Data

ID: 18916-018	Seq. No.: 37	Sample No.: 54	A/S Pos: 32
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/15/05	8:59:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev. Units	Calib Units	Mean Conc.	Std.Dev. Units	Sample Units	RSD
Ag 328.068	-2389.0	-0.0079634	0.00041418	mg/L	-0.0079634	0.00041418	mg/L	5.20%
Al 308.215	1168863.3	66.7225	0.45428	mg/L	66.7225	0.45428	mg/L	0.68%
Ba 233.527	54741.3	1.03576	0.003815	mg/L	1.03576	0.003815	mg/L	0.37%
Ca 315.887	2186403.1	32.2191	0.07430	mg/L	32.2191	0.07430	mg/L	0.23%
Cd 226.502	489.0	-0.0019789	0.00006845	mg/L	-0.0019789	0.00006845	mg/L	3.46%
Co 228.616	1071.7	0.0354484	0.00005720	mg/L	0.0354484	0.00005720	mg/L	0.16%
Cu 324.754	22760.3	0.102242	0.0011839	mg/L	0.102242	0.0011839	mg/L	1.16%
Fe 273.955	1338363.4	86.5189	0.32552	mg/L	86.5189	0.32552	mg/L	0.38%
Mg 279.079	217706.4	18.0207	0.08199	mg/L	18.0207	0.08199	mg/L	0.45%
Mn 257.610	1329137.4	2.62924	0.010292	mg/L	2.62924	0.010292	mg/L	0.39%
Se 196.026	-9.7	0.0154873	0.00072887	mg/L	0.0154873	0.00072887	mg/L	4.71%
V 292.402	28531.7	0.189246	0.0006236	mg/L	0.189246	0.0006236	mg/L	0.33%
Zn 206.200	9556.4	0.202999	0.0000563	mg/L	0.202999	0.0000563	mg/L	0.03%
Na 330.237	1446.2	1.14396	0.039705	mg/L	1.14396	0.039705	mg/L	3.47%
Ti 334.941	874415.5	1.88446	0.010152	mg/L	1.88446	0.010152	mg/L	0.54%
Mo 202.030	-87.5	-0.0000608	0.00041862	mg/L	-0.0000608	0.00041862	mg/L	688.88%
Sn 189.933	149.3	0.0267562	0.00078273	mg/L	0.0267562	0.00078273	mg/L	2.93%
Be 234.861	-5162.8	0.0052073	0.00006478	mg/L	0.0052073	0.00006478	mg/L	1.24%
As 188.979	31.6	0.0266566	0.00128564	mg/L	0.0266566	0.00128564	mg/L	4.82%
Sb 206.833	86.3	0.0018978	0.00247786	mg/L	0.0018978	0.00247786	mg/L	130.56%
Cr 206.158	5861.4	0.221544	0.0005537	mg/L	0.221544	0.0005537	mg/L	0.25%
Pb 220.353	430.5	0.0867178	0.00010043	mg/L	0.0867178	0.00010043	mg/L	0.12%
Ni 231.604	3165.0	0.129666	0.0003575	mg/L	0.129666	0.0003575	mg/L	0.28%
Tl 190.800	-117.7	-0.0095526	0.00144439	mg/L	-0.0095526	0.00144439	mg/L	15.12%

Mean Data

ID: 18916-019	Seq. No.: 38	Sample No.: 55	A/S Pos: 33
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0

Data: Original

Date: 8/15/05

9:02:34 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1858.4	-0.0058076	0.00008593	mg/L	-0.0058076	0.00008593	mg/L	1.48%
Al 308.215	836812.7	47.6249	0.58272	mg/L	47.6249	0.58272	mg/L	1.22%
Ba 233.527	378802.1	7.16734	0.039776	mg/L	7.16734	0.039776	mg/L	0.55%
Ca 315.887	1557351.8	22.8501	0.20888	mg/L	22.8501	0.20888	mg/L	0.91%
Cd 226.502	5177.8	0.0319493	0.00016220	mg/L	0.0319493	0.00016220	mg/L	0.51%
Co 228.616	2595.1	0.0855207	0.00048150	mg/L	0.0855207	0.00048150	mg/L	0.56%
Cu 324.754	310199.3	2.10469	0.011242	mg/L	2.10469	0.011242	mg/L	0.53%
Fe 273.955	3941379.9	254.880	2.3060	mg/L	254.880	2.3060	mg/L	0.90%
Mg 279.079	255450.7	21.1451	0.10332	mg/L	21.1451	0.10332	mg/L	0.49%
Mn 257.610	2141381.8	4.23599	0.039702	mg/L	4.23599	0.039702	mg/L	0.94%
Se 196.026	-269.2	0.0222654	0.00135147	mg/L	0.0222654	0.00135147	mg/L	6.07%
V 292.402	20441.4	0.164206	0.0004156	mg/L	0.164206	0.0004156	mg/L	0.25%
Zn 206.200	1212796.9	27.6835	0.19395	mg/L	27.6835	0.19395	mg/L	0.70%
Na 330.237	-77037.1	-29.6137	0.13515	mg/L	-29.6137	0.13515	mg/L	0.46%
Ti 334.941	716137.3	1.54335	0.015335	mg/L	1.54335	0.015335	mg/L	0.99%
Mo 202.030	69.0	0.0196974	0.0000134	mg/L	0.0196974	0.0000134	mg/L	0.01%
Sn 189.933	1267.9	0.153994	0.0018563	mg/L	0.153994	0.0018563	mg/L	1.21%
Be 234.861	-21391.0	0.0029263	0.00011621	mg/L	0.0029263	0.00011621	mg/L	3.97%
As 188.979	534.1	0.221422	0.0013169	mg/L	0.221422	0.0013169	mg/L	0.59%
Sb 206.833	166.7	0.0235955	0.00096968	mg/L	0.0235955	0.00096968	mg/L	4.11%
Cr 206.158	522.6	0.201214	0.0016441	mg/L	0.201214	0.0016441	mg/L	0.82%
Pb 220.353	253781.7	54.1306	0.23081	mg/L	54.1306	0.23081	mg/L	0.43%
Ni 231.604	6941.2	0.272813	0.0005448	mg/L	0.272813	0.0005448	mg/L	0.20%
Tl 190.800	-109.4	-0.0028841	0.00095509	mg/L	-0.0028841	0.00095509	mg/L	33.12%

Mean Data
 ID: 18916-020 Seq. No.: 39 Sample No.: 56 A/S Pos: 34
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 9:06:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2024.3	-0.0068599	0.00045495	mg/L	-0.0068599	0.00045495	mg/L	6.63%
Al 308.215	973345.0	55.5077	0.46091	mg/L	55.5077	0.46091	mg/L	0.83%
Ba 233.527	34177.9	0.646683	0.0046937	mg/L	0.646683	0.0046937	mg/L	0.73%
Ca 315.887	129828.4	1.58867	0.006345	mg/L	1.58867	0.006345	mg/L	0.40%
Cd 226.502	1411.1	0.0015874	0.00014826	mg/L	0.0015874	0.00014826	mg/L	9.34%
Co 228.616	1466.7	0.0484331	0.00040152	mg/L	0.0484331	0.00040152	mg/L	0.83%
Cu 324.754	40683.2	0.232822	0.0015349	mg/L	0.232822	0.0015349	mg/L	0.66%
Fe 273.955	2450317.5	158.439	1.2811	mg/L	158.439	1.2811	mg/L	0.81%
Mg 279.079	218228.2	18.0639	0.14429	mg/L	18.0639	0.14429	mg/L	0.80%
Mn 257.610	593468.7	1.17397	0.008863	mg/L	1.17397	0.008863	mg/L	0.75%
Se 196.026	-148.9	0.0136069	0.00052711	mg/L	0.0136069	0.00052711	mg/L	3.87%
V 292.402	20548.1	0.150380	0.0012079	mg/L	0.150380	0.0012079	mg/L	0.80%
Zn 206.200	133515.5	3.03407	0.022809	mg/L	3.03407	0.022809	mg/L	0.75%
Na 330.237	-6549.1	-2.47242	0.034634	mg/L	-2.47242	0.034634	mg/L	1.40%
Ti 334.941	730489.1	1.57428	0.012069	mg/L	1.57428	0.012069	mg/L	0.77%
Mo 202.030	-96.2	0.0057443	0.00023947	mg/L	0.0057443	0.00023947	mg/L	4.17%
Sn 189.933	297.1	0.0379177	0.00051687	mg/L	0.0379177	0.00051687	mg/L	1.36%
Be 234.861	-12491.9	0.0034361	0.00010275	mg/L	0.0034361	0.00010275	mg/L	2.99%
As 188.979	554.7	0.223179	0.0014102	mg/L	0.223179	0.0014102	mg/L	0.63%
Sb 206.833	110.7	0.0084837	0.00061887	mg/L	0.0084837	0.00061887	mg/L	7.29%
Cr 206.158	3799.4	0.163495	0.0019177	mg/L	0.163495	0.0019177	mg/L	1.17%
Pb 220.353	9474.0	2.01608	0.000835	mg/L	2.01608	0.000835	mg/L	0.04%
Ni 231.604	4264.2	0.167266	0.0003914	mg/L	0.167266	0.0003914	mg/L	0.23%
Tl 190.800	-106.6	-0.0058921	0.00085094	mg/L	-0.0058921	0.00085094	mg/L	14.44%

Mean Data
 ID: ICSA V-4505 Seq. No.: 40 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: 8/15/05 9:10:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-133.7	-0.0009732	0.00023991	mg/L	-0.0009732	0.00023991	mg/L	24.65%
Al 308.215	7752866.2	444.317	1.3010	mg/L	444.317	1.3010	mg/L	0.29%
Ba 233.527	-31.7	-0.0006000	0.00015346	mg/L	-0.0006000	0.00015346	mg/L	25.57%
Ca 315.887	29921213.9	445.299	1.6131	mg/L	445.299	1.6131	mg/L	0.36%

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Cd 226.502	1113.9	-0.0028212	0.00015701	mg/L	5.57%
Co 228.616	157.3	0.0053950	0.00008486	mg/L	1.57%
Cu 324.754	7326.7	0.0023343	0.00016446	mg/L	7.05%
Fe 273.955	2721698.8	175.992	0.1846	mg/L	0.10%
Mg 279.079	5908662.6	489.092	1.5486	mg/L	0.32%
Mn 257.610	1507.6	0.0029822	0.00007036	mg/L	2.36%
Se 196.026	-240.7	-0.0035255	0.00026813	mg/L	7.61%
V 292.402	7432.3	0.0051555	0.00101296	mg/L	19.65%
Zn 206.200	1294.3	0.0143040	0.00121244	mg/L	8.48%
Na 330.237	1748.2	-5.32283	0.004686	mg/L	0.09%
*QC exceeds lower limit for Na 330.237 Action = Continue					
Ti 334.941	-391.8	-0.0008444	0.00010525	mg/L	12.46%
Mo 202.030	-224.0	-0.0013601	0.00016950	mg/L	12.46%
Sn 189.933	-106.0	-0.0071824	0.00000624	mg/L	0.09%
Be 234.861	-16119.6	-0.0006891	0.00015093	mg/L	21.90%
As 188.979	-61.9	-0.0023074	0.00209672	mg/L	90.87%
Sb 206.833	119.8	-0.0019088	0.00063143	mg/L	33.08%
Cr 206.158	226.5	-0.0136731	0.00025586	mg/L	1.87%
Pb 220.353	-164.2	0.0003022	0.00008306	mg/L	27.48%
Ni 231.604	1013.8	0.0038706	0.00007749	mg/L	2.00%
Tl 190.800	-67.4	0.0016162	0.00082199	mg/L	50.86%

Mean Data

ID: ICSAB V-4506	Seq. No.: 41	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: 8/15/05	9:13:44 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	144447.0	1.05134	0.000091	mg/L				0.01%
Al 308.215	7821134.3	448.182	0.3667	mg/L				0.08%
Ba 233.527	24703.1	0.467408	0.0000001	mg/L				0.00%
Ca 315.887	29862067.1	444.418	0.3429	mg/L				0.08%
Cd 226.502	93171.4	0.927742	0.0002620	mg/L				0.03%
Co 228.616	14301.2	0.470288	0.0013617	mg/L				0.29%
Cu 324.754	80362.9	0.508569	0.0007355	mg/L				0.14%
Fe 273.955	2731346.0	176.616	0.0787	mg/L				0.04%
Mg 279.079	6070495.9	502.488	0.3868	mg/L				0.08%
Mn 257.610	236649.2	0.468129	0.0001617	mg/L				0.03%
Se 196.026	5370.3	0.942642	0.0056806	mg/L				0.60%
V 292.402	81399.6	0.463626	0.0004068	mg/L				0.09%
Zn 206.200	40044.9	0.899320	0.0008475	mg/L				0.09%
Na 330.237	-742.8	-6.23837	0.057772	mg/L				0.93%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-258.4	-0.0005568	0.00004068	mg/L				7.31%
Mo 202.030	-186.4	0.0009635	0.00085627	mg/L				88.87%
Sn 189.933	-106.0	-0.0071823	0.00243798	mg/L				33.94%
Be 234.861	227057.0	0.487778	0.0004115	mg/L				0.08%
As 188.979	2664.4	0.999476	0.0061482	mg/L				0.62%
Sb 206.833	3765.4	0.982017	0.0037752	mg/L				0.38%
Cr 206.158	13110.1	0.478991	0.0015418	mg/L				0.32%
Pb 220.353	4318.6	0.956919	0.0001962	mg/L				0.02%
Ni 231.604	21325.7	0.934338	0.0022169	mg/L				0.24%
Tl 190.800	1462.8	0.971031	0.0037571	mg/L				0.39%

Mean Data

ID: CCV V-4510	Seq. No.: 42	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: 8/15/05	9:16:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	66701.5	0.485478	0.0015805	mg/L				0.33%
Al 308.215	92822.2	5.00160	0.005626	mg/L				0.11%
Ba 233.527	27027.5	0.511388	0.0030612	mg/L				0.60%
Ca 315.887	3441229.1	50.9084	0.22729	mg/L				0.45%
Cd 226.502	50421.6	0.509714	0.0035845	mg/L				0.70%
Co 228.616	15540.6	0.511026	0.0002957	mg/L				0.06%
Cu 324.754	80191.5	0.500294	0.0016076	mg/L				0.32%
Fe 273.955	80467.5	5.15904	0.018869	mg/L				0.37%
Mg 279.079	609152.1	50.4228	0.28637	mg/L				0.57%
Mn 257.610	259247.6	0.512832	0.0028342	mg/L				0.55%

Se 196.026	3051.0	0.505567	0.0000763	mg/L	0.02%
V 292.402	82023.9	0.502221	0.0029522	mg/L	0.59%
Zn 206.200	23950.3	0.531739	0.0030173	mg/L	0.57%
Na 330.237	38050.0	48.6022	0.22857	mg/L	0.47%
Ti 334.941	234280.4	0.504898	0.0031555	mg/L	0.62%
Mo 202.030	8140.7	0.502589	0.0000589	mg/L	0.01%
Sn 189.933	4443.1	0.501835	0.0008706	mg/L	0.17%
Be 234.861	251751.1	0.505575	0.0028519	mg/L	0.56%
As 188.979	1361.0	0.509969	0.0026828	mg/L	0.53%
Sb 206.833	1958.6	0.507273	0.0014647	mg/L	0.29%
Cr 206.158	13779.4	0.520824	0.0020224	mg/L	0.39%
Pb 220.353	2408.1	0.508624	0.0003145	mg/L	0.06%
Ni 231.604	11129.4	0.509940	0.0009154	mg/L	0.18%
Tl 190.800	728.9	0.511608	0.0004328	mg/L	0.08%

Mean Data
 ID: CCB Seq. No.: 43 Sample No.: 9 A/S Pos: 8
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/15/05 9:20:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-500.3	-0.0036412	0.00024028	mg/L				6.60%
Al 308.215	5954.1	0.0189106	0.00831808	mg/L				43.99%
Ba 233.527	-7.8	-0.0001471	0.00001861	mg/L				12.65%
Ca 315.887	7111.0	-0.239076	0.0075534	mg/L				3.16%
Cd 226.502	-196.7	-0.0019889	0.00011579	mg/L				5.82%
Co 228.616	-94.8	-0.0028911	0.00014458	mg/L				5.00%
Cu 324.754	8339.1	0.0022898	0.00024524	mg/L				10.71%
Fe 273.955	551.5	-0.0098731	0.00162610	mg/L				16.47%
Mg 279.079	665.6	0.0550937	0.00052743	mg/L				0.96%
Mn 257.610	471.5	0.0009327	0.00002843	mg/L				3.05%
Se 196.026	58.9	0.0010929	0.00206378	mg/L				188.83%
V 292.402	-171.3	-0.0023291	0.00016840	mg/L				7.23%
Zn 206.200	640.1	-0.0006369	0.00052497	mg/L				82.42%
Na 330.237	1914.8	0.859065	0.0552721	mg/L				6.43%
Ti 334.941	-9.8	-0.0000211	0.00007105	mg/L				336.05%
Mo 202.030	-110.1	-0.0014456	0.00006431	mg/L				4.45%
Sn 189.933	-44.2	-0.0002740	0.00083112	mg/L				303.37%
Be 234.861	-344.8	-0.0006925	0.00000808	mg/L				1.17%
As 188.979	-37.0	-0.0037196	0.00075410	mg/L				20.27%
Sb 206.833	71.3	-0.0021653	0.00035302	mg/L				16.30%
Cr 206.158	136.2	0.0051464	0.00020191	mg/L				3.92%
Pb 220.353	23.2	-0.0001686	0.00052594	mg/L				311.93%
Ni 231.604	-26.4	-0.0012081	0.00034771	mg/L				28.78%
Tl 190.800	-66.5	0.0021970	0.00002852	mg/L				1.30%

Method: PE1 Axial IEC: 121704.IEC MSF:
 Results: S6246A Spectra Stored: Yes Method Stored: Yes
 Sample Info: s6255b User: User1 Date: 8/15/05 9:30:46 PM
 Method Description: 200.7/SW846

Mean Data
 ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
 Data: Original Date: 8/15/05 9:32:10 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-529.9	60.16	11.35%	0	mg/L
Al 308.215	6247.9	41.78	0.67%	0	mg/L
Ba 233.527	6.0	2.00	33.14%	0	mg/L
Ca 315.887	9496.4	57.64	0.61%	0	mg/L
Cd 226.502	-212.9	4.97	2.33%	0	mg/L
Co 228.616	-91.7	0.26	0.28%	0	mg/L
Cu 324.754	8082.8	24.33	0.30%	0	mg/L
Fe 273.955	560.9	39.76	7.09%	0	mg/L
Mg 279.079	751.3	2.07	0.28%	0	mg/L
Mn 257.610	525.0	21.12	4.02%	0	mg/L
Se 196.026	47.6	0.25	0.52%	0	mg/L
V 292.402	-147.9	16.43	11.11%	0	mg/L
Zn 206.200	548.6	3.98	0.73%	0	mg/L

Date: S6247A

Batch 6247 | 6246 (S6247)

Method: PE1 Axial Page 1 Date: 8/16/05 9:10:19 AM

Analyst: [Signature] 8/16/05

Method: PE1 Axial IEC: 121704.IEC MSF:
Results: S6247A Spectra Stored: Yes Method Stored: Yes
Sample Info: s6247a User: User1 Date: 8/16/05 9:01:55 AM
Method Description: 200.7/SW846

2nd Rev: [Signature] 8/16/05

Mean Data ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
Data: Original Date: 8/16/05 9:03:37 AM

Table with 6 columns: Element, Mean Corr. Intensity, Std.Dev., RSD, Conc., Calib Units. Lists elements from Ag to Tl with their respective values.

Mean Data ID: Calib Std 1 Seq. No.: 2 A/S Pos: 160
Data: Original Date: 8/16/05 9:06:37 AM

Table with 6 columns: Element, Mean Corr. Intensity, Std.Dev., RSD, Conc., Calib Units. Lists elements from Ag to Tl with their respective values.

6246

18916-019 5D Pb
mpmd.

Mean Data ID: Calib Std 2 Seq. No.: 3 A/S Pos: 3
Data: Original Date: 8/16/05 9:09:45 AM

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Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	71369.0	227.21	0.32%	0.50	mg/L
Al 308.215	96507.5	186.34	0.19%	5.0	mg/L
Ba 233.527	28715.0	86.72	0.30%	0.50	mg/L
Ca 315.887	3612694.0	5276.02	0.15%	50	mg/L
Cd 226.502	54698.8	57.73	0.11%	0.50	mg/L
Co 228.616	16103.6	23.66	0.15%	0.50	mg/L
Cu 324.754	81121.6	48.47	0.06%	0.50	mg/L
Fe 273.955	82743.1	18.27	0.02%	5.0	mg/L
Mg 279.079	658832.5	594.35	0.09%	50	mg/L
Mn 257.610	269995.0	244.46	0.09%	0.50	mg/L
Se 196.026	3159.7	6.71	0.21%	0.50	mg/L
V 292.402	88283.8	259.73	0.29%	0.50	mg/L
Zn 206.200	24746.7	80.73	0.33%	0.50	mg/L
Na 330.237	41122.5	149.05	0.36%	50	mg/L
Ti 334.941	247395.1	376.48	0.15%	0.50	mg/L
Mo 202.030	8655.9	2.18	0.03%	0.50	mg/L
Sn 189.933	4761.2	18.89	0.40%	0.50	mg/L
Be 234.861	266201.8	107.81	0.04%	0.50	mg/L
As 188.979	1332.0	1.67	0.13%	0.50	mg/L
Sb 206.833	1957.9	3.55	0.18%	0.50	mg/L
Cr 206.158	13891.7	7.60	0.05%	0.50	mg/L
Pb 220.353	2524.4	4.17	0.17%	0.50	mg/L
Ni 231.604	11242.9	25.46	0.23%	0.50	mg/L
Tl 190.800	785.4	8.31	1.06%	0.50	mg/L

Mean Data

ID: Calib Std 3

Seq. No.: 4
Data: Original

A/S Pos: 2
Date: 8/16/05 9:12:45 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	146682.1	921.19	0.63%	1.0	mg/L
Al 308.215	189724.9	1613.00	0.85%	10	mg/L
Ba 233.527	54938.1	230.62	0.42%	1.0	mg/L
Ca 315.887	6955954.8	26740.14	0.38%	100	mg/L
Cd 226.502	106134.9	354.60	0.33%	1.0	mg/L
Co 228.616	31217.8	57.76	0.19%	1.0	mg/L
Cu 324.754	154736.4	1427.82	0.92%	1.0	mg/L
Fe 273.955	160005.2	899.89	0.56%	10	mg/L
Mg 279.079	1303839.1	6521.38	0.50%	100	mg/L
Mn 257.610	522977.2	2868.80	0.55%	1.0	mg/L
Se 196.026	6127.8	2.32	0.04%	1.0	mg/L
V 292.402	171207.7	965.12	0.56%	1.0	mg/L
Zn 206.200	46333.5	114.27	0.25%	1.0	mg/L
Na 330.237	87126.3	934.29	1.07%	100	mg/L
Ti 334.941	487606.0	3449.90	0.71%	1.0	mg/L
Mo 202.030	17017.8	13.61	0.08%	1.0	mg/L
Sn 189.933	9405.6	4.21	0.04%	1.0	mg/L
Be 234.861	524009.1	3129.40	0.60%	1.0	mg/L
As 188.979	2595.6	8.41	0.32%	1.0	mg/L
Sb 206.833	3754.4	18.62	0.50%	1.0	mg/L
Cr 206.158	26135.1	88.08	0.34%	1.0	mg/L
Pb 220.353	4898.6	19.72	0.40%	1.0	mg/L
Ni 231.604	21679.1	21.50	0.10%	1.0	mg/L
Tl 190.800	1625.7	7.35	0.45%	1.0	mg/L

Calibration Summary

Method: PE1 Axial

Date: 8/16/05 9:13:12 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	145888.8	0.00000	0.999882
Al 308.215	3	Linear	5810.5	18340.9	0.00000	0.999962
Ba 233.527	3	Linear-thru-Zero	0.0	55437.1	0.00000	0.999701
Ca 315.887	3	Linear	35103.6	69675.2	0.00000	0.999817
Cd 226.502	3	Linear-thru-Zero	0.0	106786.5	0.00000	0.999862
Co 228.616	3	Linear	18.1	31393.2	0.00000	0.999845
Cu 324.754	3	Linear	7727.0	146965.5	0.00000	1.000000

156AM

Element	Intensity	Calib	Mean	Std.Dev.	Mean	Std.Dev.	Mean	Std.Dev.
Fe 273.955	3	Linear	1155.4	15971.0	0.00000	0.999880		
Mg 279.079	3	Linear-thru-Zero	0.0	13066.1	0.00000	0.999983		
Mn 257.610	3	Linear-thru-Zero	0.0	526386.9	0.00000	0.999844		
Se 196.026	3	Linear	60.6	6093.4	0.00000	0.999925		
V 292.402	3	Linear	360.6	171843.1	0.00000	0.999863		
Zn 206.200	3	Linear	738.7	46077.4	0.00000	0.999552		
Na 330.237	3	Linear	1228.9	846.8	0.00000	0.999156		
Ti 334.941	3	Linear-thru-Zero	0.0	489044.1	0.00000	0.999968		
Mo 202.030	3	Linear	-62.1	17150.9	0.00000	0.999930		
Sn 189.933	3	Linear	-31.9	9467.1	0.00000	0.999960		
Be 234.861	3	Linear-thru-Zero	0.0	525685.4	0.00000	0.999962		
As 188.979	3	Linear	-24.3	2638.4	0.00000	0.999800		
Sb 206.833	3	Linear	79.4	3691.4	0.00000	0.999920		
Cr 206.158	3	Linear-thru-Zero	0.0	26466.0	0.00000	0.999406		
Pb 220.353	3	Linear	31.2	4891.1	0.00000	0.999904		
Ni 231.604	3	Linear-thru-Zero	0.0	21840.6	0.00000	0.999799		
Tl 190.800	3	Linear	-72.9	1702.1	0.00000	0.999982		

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: 8/16/05 9:15:32 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	145681.6	0.998580	0.0023441	mg/L				0.23%
Al 308.215	188455.8	9.95836	0.034834	mg/L				0.35%
Ba 233.527	54296.6	0.979428	0.0031262	mg/L				0.32%
Ca 315.887	6900672.3	98.5367	0.13086	mg/L				0.13%
Cd 226.502	105432.8	0.987324	0.0019923	mg/L				0.20%
Co 228.616	31320.4	0.997101	0.0055809	mg/L				0.56%
Cu 324.754	153419.5	0.991338	0.0050880	mg/L				0.51%
Fe 273.955	159361.6	9.90581	0.024394	mg/L				0.25%
Mg 279.079	1298893.0	99.4092	0.24902	mg/L				0.25%
Mn 257.610	521900.4	0.991477	0.0029974	mg/L				0.30%
Se 196.026	6172.5	1.00305	0.006182	mg/L				0.62%
V 292.402	170056.8	0.979583	0.0020473	mg/L				0.21%
Zn 206.200	46360.8	0.990119	0.0063353	mg/L				0.64%
Na 330.237	86354.6	103.636	0.2673	mg/L				0.26%
Ti 334.941	486505.1	0.994808	0.0032118	mg/L				0.32%
Mo 202.030	17058.7	0.998242	0.0038466	mg/L				0.39%
Sn 189.933	9451.1	1.00168	0.007697	mg/L				0.77%
Be 234.861	523204.5	0.995281	0.0025415	mg/L				0.26%
As 188.979	2607.0	0.997322	0.0070340	mg/L				0.71%
Sb 206.833	3784.8	1.00367	0.005277	mg/L				0.53%
Cr 206.158	26148.9	0.994510	0.0052155	mg/L				0.52%
Pb 220.353	4890.6	0.993511	0.0044688	mg/L				0.45%
Ni 231.604	21675.0	0.992418	0.0027684	mg/L				0.28%
Tl 190.800	1635.2	1.01446	0.005548	mg/L				0.55%

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: 8/16/05 9:18:37 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	144509.1	0.993052	0.0099200	mg/L				1.00%
Al 308.215	186974.9	9.87761	0.057185	mg/L				0.58%
Ba 233.527	53948.3	0.973145	0.0023141	mg/L				0.24%
Ca 315.887	6875972.7	98.1822	1.18764	mg/L				1.21%
Cd 226.502	105247.8	0.985590	0.0041749	mg/L				0.42%
Co 228.616	31897.3	1.01548	0.004533	mg/L				0.45%
Cu 324.754	151803.2	0.980341	0.0079737	mg/L				0.81%
Fe 273.955	158892.6	9.87644	0.054962	mg/L				0.56%
Mg 279.079	1300604.0	99.5402	1.18813	mg/L				1.19%
Mn 257.610	523395.5	0.994317	0.0120613	mg/L				1.21%
Se 196.026	6158.5	1.00075	0.004242	mg/L				0.42%
V 292.402	168739.8	0.971865	0.0047040	mg/L				0.48%
Zn 206.200	47519.2	1.01526	0.002458	mg/L				0.24%
Na 330.237	85850.9	103.107	0.5794	mg/L				0.56%
Ti 334.941	486443.7	0.994683	0.0126706	mg/L				1.27%

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Mo 202.030	16947.2	0.991744	0.0025335	mg/L	0.26%
Sn 189.933	9395.2	0.995777	0.0035054	mg/L	0.35%
Be 234.861	525424.9	0.999504	0.0112205	mg/L	1.12%
As 188.979	2596.7	0.993400	0.0027797	mg/L	0.28%
Sb 206.833	3757.5	0.996119	0.0029170	mg/L	0.29%
Cr 206.158	26464.8	1.00661	0.005081	mg/L	0.50%
Pb 220.353	4864.5	0.988187	0.0012725	mg/L	0.13%
Ni 231.604	21633.3	0.990507	0.0020303	mg/L	0.20%
Tl 190.800	1641.0	1.01786	0.001547	mg/L	0.15%

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
 Date: Original Date: 8/16/05 9:21:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-499.1	-0.0034214	0.00004066	mg/L				1.19%
Al 308.215	6092.1	0.0153570	0.00354655	mg/L				23.09%
Ba 233.527	26.9	0.0004856	0.00000683	mg/L				1.41%
Ca 315.887	9236.4	-0.371254	0.0038507	mg/L				1.04%
Cd 226.502	-157.4	-0.0014742	0.00006919	mg/L				4.69%
Co 228.616	-82.8	-0.0032148	0.00003845	mg/L				1.20%
Cu 324.754	8246.9	0.0035373	0.00023318	mg/L				6.59%
Fe 273.955	486.8	-0.0418650	0.00167796	mg/L				4.01%
Mg 279.079	913.2	0.0698898	0.00101670	mg/L				1.45%
Mn 257.610	591.1	0.0011230	0.00001247	mg/L				1.11%
Se 196.026	50.9	0.0015884	0.00043953	mg/L				27.67%
V 292.402	-167.8	-0.0030750	0.00012130	mg/L				3.94%
Zn 206.200	390.2	-0.0075627	0.00012949	mg/L				1.71%
Na 330.237	1927.2	0.824661	0.0224175	mg/L				2.72%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	152.6	0.0003121	0.00003424	mg/L				10.97%
Mo 202.030	-103.5	-0.0024162	0.00061462	mg/L				25.44%
Sn 189.933	-20.8	0.0011730	0.00009260	mg/L				7.89%
Be 234.861	-307.6	-0.0005852	0.00003139	mg/L				5.37%
As 188.979	-36.0	-0.0044309	0.00007759	mg/L				1.75%
Sb 206.833	70.3	-0.0024471	0.00080854	mg/L				33.04%
Cr 206.158	140.5	0.0053074	0.00006834	mg/L				1.29%
Pb 220.353	15.2	-0.0032807	0.00015292	mg/L				4.66%
Ni 231.604	0.9	0.0000407	0.00001926	mg/L				47.36%
Tl 190.800	-68.3	0.0027005	0.00195137	mg/L				72.26%

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
 Date: Original Date: 8/16/05 9:25:11 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	14.9	0.0001022	0.00042102	mg/L				412.07%
Al 308.215	8024562.9	437.149	2.8086	mg/L				0.64%
Ba 233.527	-21.2	-0.0003821	0.00019463	mg/L				50.94%
Ca 315.887	30196021.5	432.879	2.6113	mg/L				0.60%
Cd 226.502	1444.3	-0.0003741	0.00033586	mg/L				89.78%
Co 228.616	175.5	0.0050113	0.00005168	mg/L				1.03%
Cu 324.754	7193.3	0.0033386	0.00036182	mg/L				10.84%
Fe 273.955	2775511.6	173.712	0.6628	mg/L				0.38%
Mg 279.079	6346688.1	485.736	3.1591	mg/L				0.65%
Mn 257.610	1495.9	0.0028419	0.00006213	mg/L				2.19%
Se 196.026	-249.3	-0.0055129	0.00129087	mg/L				23.42%
V 292.402	7221.5	0.0002159	0.00120428	mg/L				557.68%
Zn 206.200	754.7	0.0003475	0.00010743	mg/L				30.91%
Na 330.237	1812.5	-5.18224	0.013179	mg/L				0.25%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-371.0	-0.0007585	0.00009987	mg/L				13.17%
Mo 202.030	-229.3	-0.0027955	0.00010734	mg/L				3.84%
Sn 189.933	-75.7	-0.0046299	0.00059752	mg/L				12.91%
Be 234.861	-16097.6	0.0006500	0.00000294	mg/L				0.45%
As 188.979	-61.3	-0.0035920	0.00117028	mg/L				32.58%
Sb 206.833	121.7	-0.0011871	0.00260703	mg/L				219.61%
Cr 206.158	245.7	-0.0125890	0.00007352	mg/L				0.58%

Pb 220.353	-184.3	-0.0043635	0.00151629 mg/L	34.75%
Ni 231.604	1080.8	0.0074935	0.00013910 mg/L	1.86%
Tl 190.800	-75.0	-0.0012147	0.00505752 mg/L	416.35%

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: 8/16/05	9:28:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	150980.2	1.03490	0.004745	mg/L				0.46%
Al 308.215	8097121.8	441.055	0.6599	mg/L				0.15%
Ba 233.527	25030.5	0.451511	0.0014434	mg/L				0.32%
Ca 315.887	30172690.4	432.544	0.5473	mg/L				0.13%
Cd 226.502	98805.3	0.911325	0.0052500	mg/L				0.58%
Co 228.616	14761.3	0.469627	0.0003079	mg/L				0.07%
Cu 324.754	79281.3	0.493866	0.0019610	mg/L				0.40%
Fe 273.955	2782709.6	174.162	0.7807	mg/L				0.45%
Mg 279.079	6543908.4	500.830	0.5292	mg/L				0.11%
Mn 257.610	246250.0	0.467812	0.0021327	mg/L				0.46%
Se 196.026	5539.1	0.944502	0.0033493	mg/L				0.35%
V 292.402	84832.4	0.449877	0.0015621	mg/L				0.35%
Zn 206.200	41346.3	0.881290	0.0018156	mg/L				0.21%
Na 330.237	-689.2	-5.90893	0.094599	mg/L				1.60%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-214.0	-0.0004375	0.00000000	mg/L				0.00%
Mo 202.030	-219.3	-0.0021984	0.00062552	mg/L				28.45%
Sn 189.933	-92.2	-0.0063721	0.00040160	mg/L				6.30%
Be 234.861	241149.5	0.490087	0.0019604	mg/L				0.40%
As 188.979	2601.8	1.00579	0.007995	mg/L				0.79%
Sb 206.833	3771.4	0.987412	0.0016957	mg/L				0.17%
Cr 206.158	12909.0	0.471464	0.0015912	mg/L				0.34%
Pb 220.353	4421.5	0.937584	0.0047350	mg/L				0.51%
Ni 231.604	20963.8	0.917680	0.0008509	mg/L				0.09%
Tl 190.800	1574.0	0.967560	0.0147563	mg/L				1.53%

Mean Data

ID: MB 6247 (100)	Seq. No.: 10	Sample No.: 1	A/S Pos: 117
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	9:31:48 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-589.5	-0.0040407	0.00086160	mg/L	-0.0040407	0.00086160	mg/L	21.32%
Al 308.215	81993.4	4.15372	0.046257	mg/L	4.15372	0.046257	mg/L	1.11%
Ba 233.527	112.8	0.0020349	0.00001562	mg/L	0.0020349	0.00001562	mg/L	0.77%
Ca 315.887	36195.9	0.0156773	0.00119686	mg/L	0.0156773	0.00119686	mg/L	7.63%
Cd 226.502	-116.9	-0.0010946	0.00019340	mg/L	-0.0010946	0.00019340	mg/L	17.67%
Co 228.616	-82.0	-0.0031885	0.00007609	mg/L	-0.0031885	0.00007609	mg/L	2.39%
Cu 324.754	9933.5	0.0150135	0.00040885	mg/L	0.0150135	0.00040885	mg/L	2.72%
Fe 273.955	3249.3	0.131107	0.0086161	mg/L	0.131107	0.0086161	mg/L	6.57%
Mg 279.079	2469.9	0.189034	0.0131487	mg/L	0.189034	0.0131487	mg/L	6.96%
Mn 257.610	8524.6	0.0161945	0.00021583	mg/L	0.0161945	0.00021583	mg/L	1.33%
Se 196.026	62.0	0.0002397	0.00213879	mg/L	0.0002397	0.00213879	mg/L	892.23%
V 292.402	-24.9	-0.0022432	0.00016330	mg/L	-0.0022432	0.00016330	mg/L	7.28%
Zn 206.200	787.5	0.0010594	0.00001201	mg/L	0.0010594	0.00001201	mg/L	1.13%
Na 330.237	2530.2	1.53676	0.131451	mg/L	1.53676	0.131451	mg/L	8.55%
Ti 334.941	1482.9	0.0030323	0.00026102	mg/L	0.0030323	0.00026102	mg/L	8.61%
Mo 202.030	-109.3	-0.0027504	0.00022471	mg/L	-0.0027504	0.00022471	mg/L	8.17%
Sn 189.933	381.8	0.0436987	0.00039363	mg/L	0.0436987	0.00039363	mg/L	0.90%
Be 234.861	-235.6	-0.0004483	0.00001036	mg/L	-0.0004483	0.00001036	mg/L	2.31%
As 188.979	-34.7	-0.0039474	0.00070426	mg/L	-0.0039474	0.00070426	mg/L	17.84%
Sb 206.833	81.7	0.0006360	0.00155103	mg/L	0.0006360	0.00155103	mg/L	243.88%
Cr 206.158	458.3	0.0173149	0.00010106	mg/L	0.0173149	0.00010106	mg/L	0.58%
Pb 220.353	17.1	-0.0028794	0.00067873	mg/L	-0.0028794	0.00067873	mg/L	23.57%
Ni 231.604	42.9	0.0019644	0.00009518	mg/L	0.0019644	0.00009518	mg/L	4.85%
Tl 190.800	-80.5	-0.0044973	0.00117700	mg/L	-0.0044973	0.00117700	mg/L	26.17%

Mean Data

ID: LCS 100	Seq. No.: 11	Sample No.: 2	A/S Pos: 118
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0

1567

Data: Original

Date: 8/16/05

9:34:50 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68199.5	0.467476	0.0045215	mg/L	0.467476	0.0045215	mg/L	0.97%
Al 308.215	143322.7	7.49757	0.091349	mg/L	7.49757	0.091349	mg/L	1.22%
Ba 233.527	26345.8	0.475237	0.0060351	mg/L	0.475237	0.0060351	mg/L	1.27%
Ca 315.887	3374233.6	47.9242	0.60192	mg/L	47.9242	0.60192	mg/L	1.26%
Cd 226.502	51676.0	0.483919	0.0052563	mg/L	0.483919	0.0052563	mg/L	1.09%
Co 228.616	15350.3	0.488392	0.0000356	mg/L	0.488392	0.0000356	mg/L	0.01%
Cu 324.754	78032.8	0.478383	0.0045885	mg/L	0.478383	0.0045885	mg/L	0.96%
Fe 273.955	81763.9	5.04716	0.067559	mg/L	5.04716	0.067559	mg/L	1.34%
Mg 279.079	630645.6	48.2657	0.63329	mg/L	48.2657	0.63329	mg/L	1.31%
Mn 257.610	276450.5	0.525185	0.0067202	mg/L	0.525185	0.0067202	mg/L	1.28%
Se 196.026	2900.5	0.466065	0.0003237	mg/L	0.466065	0.0003237	mg/L	0.07%
V 292.402	83125.2	0.475090	0.0048011	mg/L	0.475090	0.0048011	mg/L	1.01%
Zn 206.200	24808.2	0.522372	0.0076841	mg/L	0.522372	0.0076841	mg/L	1.47%
Na 330.237	38533.1	45.4107	0.52286	mg/L	45.4107	0.52286	mg/L	1.15%
Ti 334.941	248543.4	0.508223	0.0066235	mg/L	0.508223	0.0066235	mg/L	1.30%
Mo 202.030	8328.0	0.489190	0.0011482	mg/L	0.489190	0.0011482	mg/L	0.23%
Sn 189.933	4899.0	0.520847	0.0007200	mg/L	0.520847	0.0007200	mg/L	0.14%
Be 234.861	253444.9	0.482123	0.0058883	mg/L	0.482123	0.0058883	mg/L	1.22%
As 188.979	1238.0	0.478446	0.0013728	mg/L	0.478446	0.0013728	mg/L	0.29%
Sb 206.833	1852.1	0.480230	0.0017362	mg/L	0.480230	0.0017362	mg/L	0.36%
Cr 206.158	13220.7	0.499536	0.0049836	mg/L	0.499536	0.0049836	mg/L	1.00%
Pb 220.353	2363.8	0.476896	0.0001719	mg/L	0.476896	0.0001719	mg/L	0.04%
Ni 231.604	10495.0	0.480528	0.0005752	mg/L	0.480528	0.0005752	mg/L	0.12%
Tl 190.800	746.0	0.486700	0.0003929	mg/L	0.486700	0.0003929	mg/L	0.08%

Mean Data

ID: LCS 100 MR
Sample Qty: 1.0000 mL

Seq. No.: 12
Prep. Vol.:
Data: Original

Sample No.: 3
1.0 mL

A/S Pos: 119
Dilution: 1.0: 1.0
Date: 8/16/05 9:38:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71134.6	0.487595	0.0010206	mg/L	0.487595	0.0010206	mg/L	0.21%
Al 308.215	104734.1	5.39360	0.014507	mg/L	5.39360	0.014507	mg/L	0.27%
Ba 233.527	26593.1	0.479699	0.0035580	mg/L	0.479699	0.0035580	mg/L	0.74%
Ca 315.887	3427035.1	48.6820	0.41797	mg/L	48.6820	0.41797	mg/L	0.86%
Cd 226.502	52738.2	0.493865	0.0034971	mg/L	0.493865	0.0034971	mg/L	0.71%
Co 228.616	15717.5	0.500089	0.0017816	mg/L	0.500089	0.0017816	mg/L	0.36%
Cu 324.754	78903.3	0.484306	0.0010835	mg/L	0.484306	0.0010835	mg/L	0.22%
Fe 273.955	80957.7	4.99668	0.032699	mg/L	4.99668	0.032699	mg/L	0.65%
Mg 279.079	641897.8	49.1269	0.37550	mg/L	49.1269	0.37550	mg/L	0.76%
Mn 257.610	270618.7	0.514106	0.0034744	mg/L	0.514106	0.0034744	mg/L	0.68%
Se 196.026	2963.4	0.476389	0.0020715	mg/L	0.476389	0.0020715	mg/L	0.43%
V 292.402	84700.7	0.484141	0.0024747	mg/L	0.484141	0.0024747	mg/L	0.51%
Zn 206.200	24363.8	0.512725	0.0059256	mg/L	0.512725	0.0059256	mg/L	1.16%
Na 330.237	39320.2	46.3151	0.04049	mg/L	46.3151	0.04049	mg/L	0.09%
Ti 334.941	243818.3	0.498561	0.0015368	mg/L	0.498561	0.0015368	mg/L	0.31%
Mo 202.030	8311.9	0.488254	0.0015035	mg/L	0.488254	0.0015035	mg/L	0.31%
Sn 189.933	4913.7	0.522398	0.0000942	mg/L	0.522398	0.0000942	mg/L	0.02%
Be 234.861	259227.4	0.493123	0.0039710	mg/L	0.493123	0.0039710	mg/L	0.81%
As 188.979	1268.3	0.489935	0.0032765	mg/L	0.489935	0.0032765	mg/L	0.67%
Sb 206.833	1899.2	0.492997	0.0000697	mg/L	0.492997	0.0000697	mg/L	0.01%
Cr 206.158	13368.1	0.505107	0.0055678	mg/L	0.505107	0.0055678	mg/L	1.10%
Pb 220.353	2415.6	0.487484	0.0008963	mg/L	0.487484	0.0008963	mg/L	0.18%
Ni 231.604	10695.0	0.489684	0.0012237	mg/L	0.489684	0.0012237	mg/L	0.25%
Tl 190.800	762.6	0.496346	0.0044579	mg/L	0.496346	0.0044579	mg/L	0.90%

Mean Data

ID: 18922-001
Sample Qty: 1.0000 mL

Seq. No.: 13
Prep. Vol.:
Data: Original

Sample No.: 4
1.0 mL

A/S Pos: 120
Dilution: 1.0: 1.0
Date: 8/16/05 9:42:33 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1038.2	-0.0071162	0.00039877	mg/L	-0.0071162	0.00039877	mg/L	5.60%
Al 308.215	391866.7	21.0489	0.17444	mg/L	21.0489	0.17444	mg/L	0.83%
Ba 233.527	17292.1	0.311923	0.0019149	mg/L	0.311923	0.0019149	mg/L	0.61%
Ca 315.887	294330.0	3.72050	0.036054	mg/L	3.72050	0.036054	mg/L	0.97%

Cd	226.502	2042.7	0.0099386	0.00001390	mg/L	0.0099386	0.00001390	mg/L	0.14%
Co	228.616	1622.1	0.0510911	0.00041298	mg/L	0.0510911	0.00041298	mg/L	0.81%
Cu	324.754	71293.3	0.432525	0.0026170	mg/L	0.432525	0.0026170	mg/L	0.61%
Fe	273.955	1835618.4	114.862	1.1595	mg/L	114.862	1.1595	mg/L	1.01%
Mg	279.079	51016.2	3.90446	0.042533	mg/L	3.90446	0.042533	mg/L	1.09%
Mn	257.610	1383257.6	2.62783	0.026412	mg/L	2.62783	0.026412	mg/L	1.01%
Se	196.026	28.7	0.0292431	0.00195723	mg/L	0.0292431	0.00195723	mg/L	6.69%
V	292.402	6863.1	0.0550956	0.00047524	mg/L	0.0550956	0.00047524	mg/L	0.86%
Zn	206.200	59745.3	1.28060	0.017064	mg/L	1.28060	0.017064	mg/L	1.33%
Na	330.237	-994.8	-0.172036	0.0069605	mg/L	-0.172036	0.0069605	mg/L	4.05%
Ti	334.941	270282.5	0.552675	0.0092334	mg/L	0.552675	0.0092334	mg/L	1.67%
Mo	202.030	-4.3	0.0033679	0.00076828	mg/L	0.0033679	0.00076828	mg/L	22.81%
Sn	189.933	747.1	0.0822804	0.00020259	mg/L	0.0822804	0.00020259	mg/L	0.25%
Be	234.861	-6547.4	0.0082228	0.00003358	mg/L	0.0082228	0.00003358	mg/L	0.41%
As	188.979	156.5	0.0754264	0.00109790	mg/L	0.0754264	0.00109790	mg/L	1.46%
Sb	206.833	165.8	0.0234211	0.00190848	mg/L	0.0234211	0.00190848	mg/L	8.15%
Cr	206.158	1841.9	0.0779897	0.00166797	mg/L	0.0779897	0.00166797	mg/L	2.14%
Pb	220.353	3322.5	0.672917	0.0013573	mg/L	0.672917	0.0013573	mg/L	0.20%
Ni	231.604	2832.7	0.109318	0.0007657	mg/L	0.109318	0.0007657	mg/L	0.70%
Tl	190.800	-90.9	-0.0044855	0.00174339	mg/L	-0.0044855	0.00174339	mg/L	38.87%

Mean Data

ID: 18922-001 MR

Sample Qty: 1.0000 mL

Seq. No.: 14

Prep. Vol.:
Data: Original

Sample No.: 5

1.0 mL

A/S Pos: 121

Dilution:
Date: 8/16/05

1.0:

9:45:39 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1077.8	-0.0073881	0.00024234	mg/L	-0.0073881	0.00024234	mg/L	3.28%
Al	308.215	388398.1	20.8598	0.24082	mg/L	20.8598	0.24082	mg/L	1.15%
Ba	233.527	15140.7	0.273116	0.0001255	mg/L	0.273116	0.0001255	mg/L	0.05%
Ca	315.887	289880.9	3.65664	0.052681	mg/L	3.65664	0.052681	mg/L	1.44%
Cd	226.502	1852.9	0.0073716	0.00006449	mg/L	0.0073716	0.00006449	mg/L	0.87%
Co	228.616	1606.7	0.0506014	0.00001459	mg/L	0.0506014	0.00001459	mg/L	0.03%
Cu	324.754	70342.5	0.428577	0.0069344	mg/L	0.428577	0.0069344	mg/L	1.62%
Fe	273.955	1993250.1	124.732	1.3134	mg/L	124.732	1.3134	mg/L	1.05%
Mg	279.079	53419.6	4.08841	0.045595	mg/L	4.08841	0.045595	mg/L	1.12%
Mn	257.610	1128050.6	2.14301	0.022705	mg/L	2.14301	0.022705	mg/L	1.06%
Se	196.026	-4.2	0.0268086	0.00120209	mg/L	0.0268086	0.00120209	mg/L	4.48%
V	292.402	8487.6	0.0660319	0.00009758	mg/L	0.0660319	0.00009758	mg/L	0.15%
Zn	206.200	64595.5	1.38586	0.017491	mg/L	1.38586	0.017491	mg/L	1.26%
Na	330.237	-1163.2	-0.172480	0.0766284	mg/L	-0.172480	0.0766284	mg/L	44.43%
Ti	334.941	250817.1	0.512872	0.0056543	mg/L	0.512872	0.0056543	mg/L	1.10%
Mo	202.030	-22.0	0.0048535	0.00330966	mg/L	0.0048535	0.00330966	mg/L	68.19%
Sn	189.933	889.2	0.0972932	0.00061333	mg/L	0.0972932	0.00061333	mg/L	0.63%
Be	234.861	-7966.9	0.0072993	0.00007339	mg/L	0.0072993	0.00007339	mg/L	1.01%
As	188.979	133.3	0.0672048	0.00044540	mg/L	0.0672048	0.00044540	mg/L	0.66%
Sb	206.833	168.1	0.0240377	0.00006214	mg/L	0.0240377	0.00006214	mg/L	0.26%
Cr	206.158	1779.1	0.0763061	0.00098600	mg/L	0.0763061	0.00098600	mg/L	1.29%
Pb	220.353	3217.4	0.651434	0.0008476	mg/L	0.651434	0.0008476	mg/L	0.13%
Ni	231.604	2572.1	0.0956352	0.00021413	mg/L	0.0956352	0.00021413	mg/L	0.22%
Tl	190.800	-93.7	-0.0065854	0.00112395	mg/L	-0.0065854	0.00112395	mg/L	17.07%

Mean Data

ID: 18922-001 MS 1

Sample Qty: 1.0000 mL

Seq. No.: 15

Prep. Vol.:
Data: Original

Sample No.: 6

1.0 mL

A/S Pos: 122

Dilution:
Date: 8/16/05

1.0:

9:48:49 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	67637.7	0.469423	0.0031449	mg/L	0.469423	0.0031449	mg/L	0.67%
Al	308.215	642446.5	34.7113	0.25667	mg/L	34.7113	0.25667	mg/L	0.74%
Ba	233.527	43914.4	0.792149	0.0048409	mg/L	0.792149	0.0048409	mg/L	0.61%
Ca	315.887	3789847.7	53.8892	0.37327	mg/L	53.8892	0.37327	mg/L	0.69%
Cd	226.502	52431.0	0.480228	0.0028841	mg/L	0.480228	0.0028841	mg/L	0.60%
Co	228.616	16937.3	0.538942	0.0028855	mg/L	0.538942	0.0028855	mg/L	0.54%
Cu	324.754	137690.6	0.889710	0.0076893	mg/L	0.889710	0.0076893	mg/L	0.86%
Fe	273.955	2149020.3	134.485	1.0035	mg/L	134.485	1.0035	mg/L	0.75%
Mg	279.079	687038.4	52.5817	0.39720	mg/L	52.5817	0.39720	mg/L	0.76%
Mn	257.610	1484858.2	2.82085	0.021527	mg/L	2.82085	0.021527	mg/L	0.76%
Se	196.026	2721.0	0.476970	0.0021978	mg/L	0.476970	0.0021978	mg/L	0.46%
V	292.402	88739.5	0.527381	0.0044113	mg/L	0.527381	0.0044113	mg/L	0.84%

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Zn 206.200	80671.7	1.73475	0.010586 mg/L	1.73475	0.010586 mg/L	0.61%
Na 330.237	34494.6	43.3942	0.34104 mg/L	43.3942	0.34104 mg/L	0.79%
Ti 334.941	566875.2	1.15915	0.008241 mg/L	1.15915	0.008241 mg/L	0.71%
Mo 202.030	7881.6	0.468549	0.0023514 mg/L	0.468549	0.0023514 mg/L	0.50%
Sn 189.933	5371.1	0.570717	0.0036756 mg/L	0.570717	0.0036756 mg/L	0.64%
Be 234.861	239756.4	0.480294	0.0031565 mg/L	0.480294	0.0031565 mg/L	0.66%
As 188.979	1372.5	0.537478	0.0012236 mg/L	0.537478	0.0012236 mg/L	0.23%
Sb 206.833	1783.3	0.461590	0.0019269 mg/L	0.461590	0.0019269 mg/L	0.42%
Cr 206.158	14263.2	0.550298	0.0057047 mg/L	0.550298	0.0057047 mg/L	1.04%
Pb 220.353	5492.3	1.11653	0.009050 mg/L	1.11653	0.009050 mg/L	0.81%
Ni 231.604	12912.3	0.567341	0.0034850 mg/L	0.567341	0.0034850 mg/L	0.61%
Tl 190.800	707.0	0.470914	0.0057392 mg/L	0.470914	0.0057392 mg/L	1.22%

Mean Data

ID: 18922-001 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 123
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 9:52:46 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	64674.8	0.448530	0.0027311	mg/L	0.448530	0.0027311	mg/L	0.61%
Al 308.215	540214.5	29.1373	0.15147	mg/L	29.1373	0.15147	mg/L	0.52%
Ba 233.527	39136.2	0.705956	0.0041877	mg/L	0.705956	0.0041877	mg/L	0.59%
Ca 315.887	3366845.1	47.8182	0.15508	mg/L	47.8182	0.15508	mg/L	0.32%
Cd 226.502	50153.0	0.459734	0.0013160	mg/L	0.459734	0.0013160	mg/L	0.29%
Co 228.616	16318.5	0.519231	0.0011842	mg/L	0.519231	0.0011842	mg/L	0.23%
Cu 324.754	133180.7	0.853627	0.0074390	mg/L	0.853627	0.0074390	mg/L	0.87%
Fe 273.955	1981613.4	124.003	0.5564	mg/L	124.003	0.5564	mg/L	0.45%
Mg 279.079	650813.4	49.8092	0.14308	mg/L	49.8092	0.14308	mg/L	0.29%
Mn 257.610	1624069.1	3.08531	0.013724	mg/L	3.08531	0.013724	mg/L	0.44%
Se 196.026	2619.7	0.457203	0.0001752	mg/L	0.457203	0.0001752	mg/L	0.04%
V 292.402	83521.3	0.495815	0.0020747	mg/L	0.495815	0.0020747	mg/L	0.42%
Zn 206.200	82189.7	1.76770	0.005611	mg/L	1.76770	0.005611	mg/L	0.32%
Na 330.237	32520.7	41.1657	0.24429	mg/L	41.1657	0.24429	mg/L	0.59%
Ti 334.941	509844.8	1.04253	0.000119	mg/L	1.04253	0.000119	mg/L	0.01%
Mo 202.030	7594.4	0.446421	0.0017442	mg/L	0.446421	0.0017442	mg/L	0.39%
Sn 189.933	5281.2	0.561219	0.0011821	mg/L	0.561219	0.0011821	mg/L	0.21%
Be 234.861	230029.8	0.459904	0.0017130	mg/L	0.459904	0.0017130	mg/L	0.37%
As 188.979	1321.1	0.517371	0.0006135	mg/L	0.517371	0.0006135	mg/L	0.12%
Sb 206.833	1681.2	0.433932	0.0024847	mg/L	0.433932	0.0024847	mg/L	0.57%
Cr 206.158	13825.0	0.533955	0.0030752	mg/L	0.533955	0.0030752	mg/L	0.58%
Pb 220.353	5396.3	1.09690	0.002471	mg/L	1.09690	0.002471	mg/L	0.23%
Ni 231.604	12417.9	0.546565	0.0005621	mg/L	0.546565	0.0005621	mg/L	0.10%
Tl 190.800	683.2	0.455684	0.0033598	mg/L	0.455684	0.0033598	mg/L	0.74%

Mean Data

ID: 18922-001 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 124
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 9:56:43 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	82596.4	0.571609	0.0027415	mg/L	0.571609	0.0027415	mg/L	0.48%
Al 308.215	499894.2	26.9389	0.19571	mg/L	26.9389	0.19571	mg/L	0.73%
Ba 233.527	45412.0	0.819162	0.0054029	mg/L	0.819162	0.0054029	mg/L	0.66%
Ca 315.887	3978822.8	56.6014	0.40915	mg/L	56.6014	0.40915	mg/L	0.72%
Cd 226.502	59930.1	0.551859	0.0032789	mg/L	0.551859	0.0032789	mg/L	0.59%
Co 228.616	18900.5	0.601478	0.0006767	mg/L	0.601478	0.0006767	mg/L	0.11%
Cu 324.754	148560.8	0.958278	0.0071699	mg/L	0.958278	0.0071699	mg/L	0.75%
Fe 273.955	1868415.8	116.915	0.8504	mg/L	116.915	0.8504	mg/L	0.73%
Mg 279.079	757241.5	57.9546	0.41817	mg/L	57.9546	0.41817	mg/L	0.72%
Mn 257.610	1608325.9	3.05541	0.021988	mg/L	3.05541	0.021988	mg/L	0.72%
Se 196.026	3172.8	0.545847	0.0020540	mg/L	0.545847	0.0020540	mg/L	0.38%
V 292.402	97575.2	0.575430	0.0038969	mg/L	0.575430	0.0038969	mg/L	0.68%
Zn 206.200	82680.1	1.77834	0.012113	mg/L	1.77834	0.012113	mg/L	0.68%
Na 330.237	39955.5	50.0524	0.40703	mg/L	50.0524	0.40703	mg/L	0.81%
Ti 334.941	532796.5	1.08947	0.012763	mg/L	1.08947	0.012763	mg/L	1.17%
Mo 202.030	9189.1	0.539402	0.0002575	mg/L	0.539402	0.0002575	mg/L	0.05%
Sn 189.933	5879.3	0.624395	0.0018475	mg/L	0.624395	0.0018475	mg/L	0.30%
Be 234.861	277106.8	0.548182	0.0031936	mg/L	0.548182	0.0031936	mg/L	0.58%
As 188.979	1616.6	0.628934	0.0010547	mg/L	0.628934	0.0010547	mg/L	0.17%
Sb 206.833	2149.3	0.560745	0.0019364	mg/L	0.560745	0.0019364	mg/L	0.35%

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Cr 206.158	15979.7	0.615439	0.0039905 mg/L	0.615439	0.0039905 mg/L	0.65%
Pb 220.353	5795.2	1.17846	0.002541 mg/L	1.17846	0.002541 mg/L	0.22%
Ni 231.604	14372.2	0.637303	0.0006909 mg/L	0.637303	0.0006909 mg/L	0.11%
Tl 190.800	828.4	0.541509	0.0028313 mg/L	0.541509	0.0028313 mg/L	0.52%

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: 8/16/05 10:00:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	69721.2	0.477907	0.0007723	mg/L				0.16%
Al 308.215	94827.7	4.85348	0.016854	mg/L				0.35%
Ba 233.527	26843.5	0.484215	0.0015519	mg/L				0.32%
Ca 315.887	3479907.6	49.4409	0.23285	mg/L				0.47%
Cd 226.502	53472.1	0.500739	0.0019926	mg/L				0.40%
Co 228.616	15990.2	0.508775	0.0017637	mg/L				0.35%
Cu 324.754	79436.8	0.487936	0.0013232	mg/L				0.27%
Fe 273.955	82068.0	5.06620	0.022824	mg/L				0.45%
Mg 279.079	654053.0	50.0572	0.22008	mg/L				0.44%
Mn 257.610	271977.9	0.516688	0.0019770	mg/L				0.38%
Se 196.026	3141.1	0.505558	0.0002051	mg/L				0.04%
V 292.402	85864.9	0.490790	0.0015416	mg/L				0.31%
Zn 206.200	24739.8	0.520886	0.0036357	mg/L				0.70%
Na 330.237	40123.6	47.2851	0.18638	mg/L				0.39%
Ti 334.941	248795.2	0.508738	0.0024029	mg/L				0.47%
Mo 202.030	8422.8	0.494720	0.0015665	mg/L				0.32%
Sn 189.933	4612.2	0.490548	0.0025591	mg/L				0.52%
Be 234.861	269203.3	0.512100	0.0017528	mg/L				0.34%
As 188.979	1336.4	0.515752	0.0034579	mg/L				0.67%
Sb 206.833	1954.4	0.507945	0.0031666	mg/L				0.62%
Cr 206.158	13565.6	0.512568	0.0020217	mg/L				0.39%
Pb 220.353	2450.8	0.494689	0.0041989	mg/L				0.85%
Ni 231.604	10895.3	0.498854	0.0015965	mg/L				0.32%
Tl 190.800	785.8	0.510053	0.0005358	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: 8/16/05 10:03:44 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-481.4	-0.0033000	0.00010353	mg/L				3.14%
Al 308.215	5922.3	0.0060993	0.00276176	mg/L				45.28%
Ba 233.527	2.1	0.0000381	0.00005165	mg/L				135.55%
Ca 315.887	9076.1	-0.373554	0.0031243	mg/L				0.84%
Cd 226.502	-176.7	-0.0016545	0.00005631	mg/L				3.40%
Co 228.616	-91.3	-0.0034852	0.00011404	mg/L				3.27%
Cu 324.754	8262.9	0.0036460	0.00016647	mg/L				4.57%
Fe 273.955	571.8	-0.0365413	0.00206019	mg/L				5.64%
Mg 279.079	836.4	0.0640125	0.00322214	mg/L				5.03%
Mn 257.610	634.4	0.0012053	0.00004443	mg/L				3.69%
Se 196.026	56.7	-0.0006417	0.00034200	mg/L				53.30%
V 292.402	-166.6	-0.0030680	0.00050900	mg/L				16.59%
Zn 206.200	370.0	-0.0080026	0.00006176	mg/L				0.77%
Na 330.237	1845.4	0.728128	0.1103238	mg/L				15.15%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	244.1	0.0004992	0.00021519	mg/L				43.11%
Mo 202.030	-107.9	-0.0026701	0.00006407	mg/L				2.40%
Sn 189.933	-37.2	-0.0005607	0.00041999	mg/L				74.91%
Be 234.861	-332.0	-0.0006316	0.00001141	mg/L				1.81%
As 188.979	-37.1	-0.0048467	0.00128670	mg/L				26.55%
Sb 206.833	69.5	-0.0026755	0.00167173	mg/L				62.48%
Cr 206.158	141.7	0.0053545	0.00001239	mg/L				0.23%
Pb 220.353	11.1	-0.0041203	0.00027326	mg/L				6.63%
Ni 231.604	-7.8	-0.0003557	0.00001757	mg/L				4.94%
Tl 190.800	-67.6	0.0030946	0.00170630	mg/L				55.14%

Mean Data

ID: 18922-002 Seq. No.: 20 Sample No.: 9 A/S Pos: 125

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:06:55 AM

Table with 8 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: 18922-002 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 126
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:10:05 AM

Table with 8 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: 18922-003 Seq. No.: 22 Sample No.: 11 A/S Pos: 127
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:13:31 AM

Table with 8 columns: Element, Mean Corr. Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., Sample Units, RSD. Lists elements Ag, Al, Ba with their respective values.

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Ca	315.887	533437.1	7.15223	0.001063	mg/L	7.15223	0.001063	mg/L	0.01%
Cd	226.502	10928.6	0.0318984	0.00037029	mg/L	0.0318984	0.00037029	mg/L	1.16%
Co	228.616	4338.4	0.137617	0.0006209	mg/L	0.137617	0.0006209	mg/L	0.45%
Cu	324.754	244924.6	1.64929	0.000272	mg/L	1.64929	0.000272	mg/L	0.02%
Fe	273.955	14061811.1	880.384	3.2860	mg/L	880.384	3.2860	mg/L	0.37%
Mg	279.079	29915.4	2.28954	0.006642	mg/L	2.28954	0.006642	mg/L	0.29%
Mn	257.610	3336846.4	6.33915	0.018359	mg/L	6.33915	0.018359	mg/L	0.29%
Se	196.026	-1521.6	-0.0017823	0.00098471	mg/L	-0.0017823	0.00098471	mg/L	55.25%
V	292.402	-14971.3	0.0430440	0.00035387	mg/L	0.0430440	0.00035387	mg/L	0.82%
Zn	206.200	192902.7	4.17046	0.010855	mg/L	4.17046	0.010855	mg/L	0.26%
Na	330.237	-9407.1	-8.41832	0.056490	mg/L	-8.41832	0.056490	mg/L	0.67%
Ti	334.941	364576.6	0.745488	0.0033705	mg/L	0.745488	0.0033705	mg/L	0.45%
Mo	202.030	-207.9	0.0267267	0.00080304	mg/L	0.0267267	0.00080304	mg/L	3.00%
Sn	189.933	2694.5	0.287984	0.0007251	mg/L	0.287984	0.0007251	mg/L	0.25%
Be	234.861	-78217.8	0.0096978	0.00003010	mg/L	0.0096978	0.00003010	mg/L	0.31%
As	188.979	221.3	0.145879	0.0002520	mg/L	0.145879	0.0002520	mg/L	0.17%
Sb	206.833	797.4	0.194514	0.0018909	mg/L	0.194514	0.0018909	mg/L	0.97%
Cr	206.158	5012.5	0.216730	0.0012645	mg/L	0.216730	0.0012645	mg/L	0.58%
Pb	220.353	24795.6	5.04068	0.012744	mg/L	5.04068	0.012744	mg/L	0.25%
Ni	231.604	10763.1	0.336580	0.0019159	mg/L	0.336580	0.0019159	mg/L	0.57%
Tl	190.800	-120.3	-0.0018988	0.00090783	mg/L	-0.0018988	0.00090783	mg/L	47.81%

Mean Data

ID: 18922-004 Seq. No.: 23 Sample No.: 12 A/S Pos: 128
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:17:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-876.6	-0.0060084	0.00014836	mg/L	-0.0060084	0.00014836	mg/L	2.47%
Al	308.215	325107.2	17.4090	0.05012	mg/L	17.4090	0.05012	mg/L	0.29%
Ba	233.527	9518.4	0.171697	0.0000440	mg/L	0.171697	0.0000440	mg/L	0.03%
Ca	315.887	727473.5	9.93710	0.062619	mg/L	9.93710	0.062619	mg/L	0.63%
Cd	226.502	826.8	0.0077423	0.00009891	mg/L	0.0077423	0.00009891	mg/L	1.28%
Co	228.616	927.0	0.0289497	0.00015501	mg/L	0.0289497	0.00015501	mg/L	0.54%
Cu	324.754	49934.3	0.287192	0.0000353	mg/L	0.287192	0.0000353	mg/L	0.01%
Fe	273.955	517251.2	32.3145	0.16750	mg/L	32.3145	0.16750	mg/L	0.52%
Mg	279.079	100297.3	7.67613	0.046811	mg/L	7.67613	0.046811	mg/L	0.61%
Mn	257.610	369408.6	0.701782	0.0038293	mg/L	0.701782	0.0038293	mg/L	0.55%
Se	196.026	88.8	0.0143385	0.00115315	mg/L	0.0143385	0.00115315	mg/L	8.04%
V	292.402	4322.6	0.0230557	0.00011150	mg/L	0.0230557	0.00011150	mg/L	0.48%
Zn	206.200	38391.9	0.817174	0.0052517	mg/L	0.817174	0.0052517	mg/L	0.64%
Na	330.237	194.7	0.901971	0.0153887	mg/L	0.901971	0.0153887	mg/L	1.71%
Ti	334.941	130382.8	0.266608	0.0029631	mg/L	0.266608	0.0029631	mg/L	1.11%
Mo	202.030	-64.7	-0.0001500	0.00011091	mg/L	-0.0001500	0.00011091	mg/L	73.93%
Sn	189.933	351.1	0.0404606	0.00089522	mg/L	0.0404606	0.00089522	mg/L	2.21%
Be	234.861	1293.1	0.0082771	0.00010945	mg/L	0.0082771	0.00010945	mg/L	1.32%
As	188.979	0.3	0.0093180	0.00148932	mg/L	0.0093180	0.00148932	mg/L	15.98%
Sb	206.833	96.7	0.0046984	0.00041467	mg/L	0.0046984	0.00041467	mg/L	8.83%
Cr	206.158	2184.2	0.0878853	0.00055564	mg/L	0.0878853	0.00055564	mg/L	0.63%
Pb	220.353	1691.9	0.339525	0.0004048	mg/L	0.339525	0.0004048	mg/L	0.12%
Ni	231.604	2734.8	0.119482	0.0006130	mg/L	0.119482	0.0006130	mg/L	0.51%
Tl	190.800	-84.3	-0.0067338	0.00224189	mg/L	-0.0067338	0.00224189	mg/L	33.29%

Mean Data

ID: 18922-005 Seq. No.: 24 Sample No.: 13 A/S Pos: 129
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:20:54 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1298.5	-0.0089006	0.00008846	mg/L	-0.0089006	0.00008846	mg/L	0.99%
Al	308.215	375780.1	20.1718	0.06578	mg/L	20.1718	0.06578	mg/L	0.33%
Ba	233.527	13158.0	0.237350	0.0014226	mg/L	0.237350	0.0014226	mg/L	0.60%
Ca	315.887	554356.2	7.45247	0.038837	mg/L	7.45247	0.038837	mg/L	0.52%
Cd	226.502	1232.5	-0.0005699	0.00002889	mg/L	-0.0005699	0.00002889	mg/L	5.07%
Co	228.616	4838.2	0.153538	0.0007958	mg/L	0.153538	0.0007958	mg/L	0.52%
Cu	324.754	62846.1	0.381122	0.0014343	mg/L	0.381122	0.0014343	mg/L	0.38%
Fe	273.955	2418799.0	151.377	1.4513	mg/L	151.377	1.4513	mg/L	0.96%
Mg	279.079	49077.6	3.75610	0.027370	mg/L	3.75610	0.027370	mg/L	0.73%
Mn	257.610	4362799.9	8.28820	0.082150	mg/L	8.28820	0.082150	mg/L	0.99%
Se	196.026	-113.4	0.0085688	0.00139310	mg/L	0.0085688	0.00139310	mg/L	16.26%

V 292.402	4313.8	0.0457465	0.00063823	mg/L	0.0457465	0.00063823	mg/L	1.40%
Zn 206.200	91768.4	1.97558	0.012151	mg/L	1.97558	0.012151	mg/L	0.62%
Na 330.237	-2649.2	-0.597693	0.0252890	mg/L	-0.597693	0.0252890	mg/L	4.23%
Ti 334.941	187906.5	0.384232	0.0013518	mg/L	0.384232	0.0013518	mg/L	0.35%
Mo 202.030	81.3	0.0144159	0.00056947	mg/L	0.0144159	0.00056947	mg/L	3.95%
Sn 189.933	839.1	0.0920070	0.00106665	mg/L	0.0920070	0.00106665	mg/L	1.16%
Be 234.861	-7816.9	0.0123814	0.00003237	mg/L	0.0123814	0.00003237	mg/L	0.26%
As 188.979	120.1	0.0638173	0.00324596	mg/L	0.0638173	0.00324596	mg/L	5.09%
Sb 206.833	141.8	0.0169117	0.00054414	mg/L	0.0169117	0.00054414	mg/L	3.22%
Cr 206.158	4232.3	0.172864	0.0013010	mg/L	0.172864	0.0013010	mg/L	0.75%
Pb 220.353	1933.5	0.388921	0.0011596	mg/L	0.388921	0.0011596	mg/L	0.30%
Ni 231.604	4529.6	0.180533	0.0011588	mg/L	0.180533	0.0011588	mg/L	0.64%
Tl 190.800	-86.7	-0.0135428	0.00049073	mg/L	-0.0135428	0.00049073	mg/L	3.62%

Mean Data

ID: 18922-006

Sample Qty: 1.0000 mL

Seq. No.: 25

Prep. Vol.: 1.0 mL

Data: Original

Sample No.: 14

A/S Pos: 130

Dilution: 1.0: 1.0

Date: 8/16/05 10:24:11 AM

Element	Mean Corr. Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Std. Dev.	Sample Units	RSD
Ag 328.068	-839.1	-0.0057516	0.00036828	mg/L	-0.0057516	0.00036828	mg/L	6.40%
Al 308.215	276481.3	14.7578	0.03851	mg/L	14.7578	0.03851	mg/L	0.26%
Ba 233.527	10148.1	0.183057	0.0017498	mg/L	0.183057	0.0017498	mg/L	0.96%
Ca 315.887	74520.4	0.565721	0.0023686	mg/L	0.565721	0.0023686	mg/L	0.42%
Cd 226.502	539.9	-0.0023116	0.00034752	mg/L	-0.0023116	0.00034752	mg/L	15.03%
Co 228.616	222.5	0.0065108	0.00003916	mg/L	0.0065108	0.00003916	mg/L	0.60%
Cu 324.754	35159.0	0.186656	0.0018232	mg/L	0.186656	0.0018232	mg/L	0.98%
Fe 273.955	1471665.9	92.0735	0.71901	mg/L	92.0735	0.71901	mg/L	0.78%
Mg 279.079	22131.1	1.69378	0.006659	mg/L	1.69378	0.006659	mg/L	0.39%
Mn 257.610	108324.7	0.205789	0.0009723	mg/L	0.205789	0.0009723	mg/L	0.47%
Se 196.026	273.3	0.0625490	0.00048477	mg/L	0.0625490	0.00048477	mg/L	0.78%
V 292.402	3304.3	0.0309627	0.00010844	mg/L	0.0309627	0.00010844	mg/L	0.35%
Zn 206.200	5232.7	0.0975307	0.00019830	mg/L	0.0975307	0.00019830	mg/L	0.20%
Na 330.237	2324.5	0.593818	0.0336841	mg/L	0.593818	0.0336841	mg/L	5.67%
Ti 334.941	73873.7	0.151057	0.0062973	mg/L	0.151057	0.0062973	mg/L	4.17%
Mo 202.030	58.6	0.0070375	0.00019781	mg/L	0.0070375	0.00019781	mg/L	2.81%
Sn 189.933	354.3	0.0407930	0.00062780	mg/L	0.0407930	0.00062780	mg/L	1.54%
Be 234.861	-7690.6	0.0019458	0.00000379	mg/L	0.0019458	0.00000379	mg/L	0.19%
As 188.979	179.7	0.0828245	0.00093079	mg/L	0.0828245	0.00093079	mg/L	1.12%
Sb 206.833	107.3	0.0075788	0.00094162	mg/L	0.0075788	0.00094162	mg/L	12.42%
Cr 206.158	1682.1	0.0635562	0.00009462	mg/L	0.0635562	0.00009462	mg/L	0.15%
Pb 220.353	635.7	0.123582	0.0004118	mg/L	0.123582	0.0004118	mg/L	0.33%
Ni 231.604	1417.5	0.0485618	0.00034531	mg/L	0.0485618	0.00034531	mg/L	0.71%
Tl 190.800	-84.3	-0.0067261	0.00191078	mg/L	-0.0067261	0.00191078	mg/L	28.41%

Mean Data

ID: 18922-007

Sample Qty: 1.0000 mL

Seq. No.: 26

Prep. Vol.: 1.0 mL

Data: Original

Sample No.: 15

A/S Pos: 131

Dilution: 1.0: 1.0

Date: 8/16/05 10:27:35 AM

Element	Mean Corr. Intensity	Mean Conc.	Std. Dev.	Calib Units	Mean Conc.	Std. Dev.	Sample Units	RSD
Ag 328.068	-2236.1	-0.0033381	0.00018607	mg/L	-0.0033381	0.00018607	mg/L	5.57%
Al 308.215	988557.4	53.5822	0.28612	mg/L	53.5822	0.28612	mg/L	0.53%
Ba 233.527	60707.1	1.09506	0.007126	mg/L	1.09506	0.007126	mg/L	0.65%
Ca 315.887	13256981.5	189.764	2.4129	mg/L	189.764	2.4129	mg/L	1.27%
Cd 226.502	1961.5	0.0102898	0.00004360	mg/L	0.0102898	0.00004360	mg/L	0.42%
Co 228.616	1024.2	0.0320474	0.00059985	mg/L	0.0320474	0.00059985	mg/L	1.87%
Cu 324.754	69736.0	0.421929	0.0024542	mg/L	0.421929	0.0024542	mg/L	0.58%
Fe 273.955	1613662.3	100.964	0.5718	mg/L	100.964	0.5718	mg/L	0.57%
Mg 279.079	582130.0	44.5526	0.28008	mg/L	44.5526	0.28008	mg/L	0.63%
Mn 257.610	1729575.0	3.28575	0.018560	mg/L	3.28575	0.018560	mg/L	0.56%
Se 196.026	-31.5	0.0151956	0.00042496	mg/L	0.0151956	0.00042496	mg/L	2.80%
V 292.402	19026.8	0.117756	0.0004580	mg/L	0.117756	0.0004580	mg/L	0.39%
Zn 206.200	59130.1	1.26725	0.009238	mg/L	1.26725	0.009238	mg/L	0.73%
Na 330.237	-355.4	1.27424	0.028758	mg/L	1.27424	0.028758	mg/L	2.26%
Ti 334.941	1172402.8	2.39734	0.008338	mg/L	2.39734	0.008338	mg/L	0.35%
Mo 202.030	12.2	0.0043303	0.00010177	mg/L	0.0043303	0.00010177	mg/L	2.35%
Sn 189.933	754.1	0.0898703	0.00027342	mg/L	0.0898703	0.00027342	mg/L	0.30%
Be 234.861	-5752.5	0.0072332	0.00010877	mg/L	0.0072332	0.00010877	mg/L	1.50%
As 188.979	42.9	0.0315316	0.00106886	mg/L	0.0315316	0.00106886	mg/L	3.39%

1574 AM

Table with 7 columns: Element, Concentration, and RSD. Rows include Sb 206.833, Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800.

Mean Data ID: 18922-008 Seq. No.: 27 Sample No.: 16 A/S Pos: 132 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0 Date: 8/16/05 10:31:01 AM

Table with 9 columns: Element, Mean Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Rows include Ag 328.068, Al 308.215, Ba 233.527, Ca 315.887, Cd 226.502, Co 228.616, Cu 324.754, Fe 273.955, Mg 279.079, Mn 257.610, Se 196.026, V 292.402, Zn 206.200, Na 330.237, Ti 334.941, Mo 202.030, Sn 189.933, Be 234.861, As 188.979, Sb 206.833, Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800.

Mean Data ID: CCV V-4510 Seq. No.: 28 Sample No.: 5 A/S Pos: 4 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0 Date: 8/16/05 10:35:01 AM

Table with 9 columns: Element, Mean Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Rows include Ag 328.068, Al 308.215, Ba 233.527, Ca 315.887, Cd 226.502, Co 228.616, Cu 324.754, Fe 273.955, Mg 279.079, Mn 257.610, Se 196.026, V 292.402, Zn 206.200, Na 330.237, Ti 334.941, Mo 202.030, Sn 189.933, Be 234.861, As 188.979, Sb 206.833, Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800.

Mean Data ID: CCB Seq. No.: 29 Sample No.: 6 A/S Pos: 1

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Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Date: 8/16/05 10:38:04 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-496.9	-0.0034063	0.00023730	mg/L				6.97%
Al 308.215	6022.3	0.0115473	0.00819660	mg/L				70.98%
Ba 233.527	-1.0	-0.0000172	0.00011060	mg/L				643.48%
Ca 315.887	8823.7	-0.377177	0.0094180	mg/L				2.50%
Cd 226.502	-183.9	-0.0017220	0.00007509	mg/L				4.36%
Co 228.616	-87.0	-0.0033492	0.00043452	mg/L				12.97%
Cu 324.754	8304.3	0.0039278	0.00036681	mg/L				9.34%
Fe 273.955	994.8	-0.0100585	0.02480007	mg/L				246.56%
Mg 279.079	871.6	0.0667059	0.01073537	mg/L				16.09%
Mn 257.610	834.9	0.0015861	0.00036130	mg/L				22.78%
Se 196.026	51.3	-0.0015210	0.00149169	mg/L				98.07%
V 292.402	-179.6	-0.0031436	0.00018154	mg/L				5.77%
Zn 206.200	505.4	-0.0050634	0.00032889	mg/L				6.50%
Na 330.237	1958.2	0.861313	0.0100334	mg/L				1.16%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	229.7	0.0004697	0.00037789	mg/L				80.45%
Mo 202.030	-101.6	-0.0023056	0.00027071	mg/L				11.74%
Sn 189.933	-40.7	-0.0009260	0.00014235	mg/L				15.37%
Be 234.861	-340.0	-0.0006467	0.00002465	mg/L				3.81%
As 188.979	-34.9	-0.0040127	0.00083684	mg/L				20.85%
Sb 206.833	71.5	-0.0021430	0.00115414	mg/L				53.86%
Cr 206.158	136.9	0.0051715	0.00019794	mg/L				3.83%
Pb 220.353	11.8	-0.0039652	0.00042337	mg/L				10.68%
Ni 231.604	-5.3	-0.0002440	0.00014011	mg/L				57.41%
Tl 190.800	-65.8	0.0041413	0.00141291	mg/L				34.12%

Mean Data

ID: 18922-009 Sample Qty: 1.0000 mL Seq. No.: 30 Prep. Vol.: 1.0 mL Sample No.: 17 Dilution: 1.0: 1.0
 Date: 8/16/05 10:41:07 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1228.0	-0.0084175	0.00024291	mg/L	-0.0084175	0.00024291	mg/L	2.89%
Al 308.215	759660.5	41.1021	0.45297	mg/L	41.1021	0.45297	mg/L	1.10%
Ba 233.527	16309.5	0.294199	0.0013397	mg/L	0.294199	0.0013397	mg/L	0.46%
Ca 315.887	314340.2	4.00769	0.050160	mg/L	4.00769	0.050160	mg/L	1.25%
Cd 226.502	1092.9	0.0007808	0.00007735	mg/L	0.0007808	0.00007735	mg/L	9.91%
Co 228.616	1945.3	0.0613882	0.00027791	mg/L	0.0613882	0.00027791	mg/L	0.45%
Cu 324.754	34414.1	0.181587	0.0015584	mg/L	0.181587	0.0015584	mg/L	0.86%
Fe 273.955	1888204.2	118.154	1.3238	mg/L	118.154	1.3238	mg/L	1.12%
Mg 279.079	163750.2	12.5324	0.15241	mg/L	12.5324	0.15241	mg/L	1.22%
Mn 257.610	360246.9	0.684377	0.0080291	mg/L	0.684377	0.0080291	mg/L	1.17%
Se 196.026	-70.9	0.0138949	0.00010483	mg/L	0.0138949	0.00010483	mg/L	0.75%
V 292.402	9696.3	0.0720778	0.00048513	mg/L	0.0720778	0.00048513	mg/L	0.67%
Zn 206.200	38088.6	0.810591	0.0097914	mg/L	0.810591	0.0097914	mg/L	1.21%
Na 330.237	261.4	0.0652176	0.03657184	mg/L	0.0652176	0.03657184	mg/L	56.08%
Ti 334.941	274732.4	0.561774	0.0070208	mg/L	0.561774	0.0070208	mg/L	1.25%
Mo 202.030	-96.5	-0.0020035	0.00028331	mg/L	-0.0020035	0.00028331	mg/L	14.14%
Sn 189.933	450.2	0.0509196	0.00042164	mg/L	0.0509196	0.00042164	mg/L	0.83%
Be 234.861	-6752.8	0.0084249	0.00014374	mg/L	0.0084249	0.00014374	mg/L	1.71%
As 188.979	48.6	0.0347105	0.00177701	mg/L	0.0347105	0.00177701	mg/L	5.12%
Sb 206.833	143.7	0.0174364	0.00079129	mg/L	0.0174364	0.00079129	mg/L	4.54%
Cr 206.158	2635.1	0.104879	0.0014004	mg/L	0.104879	0.0014004	mg/L	1.34%
Pb 220.353	2800.6	0.566212	0.0002314	mg/L	0.566212	0.0002314	mg/L	0.04%
Ni 231.604	4052.5	0.164582	0.0005781	mg/L	0.164582	0.0005781	mg/L	0.35%
Tl 190.800	-92.7	-0.0054745	0.00156372	mg/L	-0.0054745	0.00156372	mg/L	28.56%

Mean Data

ID: 18922-010 Sample Qty: 1.0000 mL Seq. No.: 31 Prep. Vol.: 1.0 mL Sample No.: 18 Dilution: 1.0: 1.0
 Date: 8/16/05 10:44:23 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1267.9	-0.0086907	0.00028507	mg/L	-0.0086907	0.00028507	mg/L	3.28%
Al 308.215	404165.9	21.7195	0.08722	mg/L	21.7195	0.08722	mg/L	0.40%

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Ba	233.527	150481.5	2.71445	0.012998	mg/L	2.71445	0.012998	mg/L	0.48%
Ca	315.887	2689709.4	38.0997	0.18488	mg/L	38.0997	0.18488	mg/L	0.49%
Cd	226.502	5805.0	0.0224451	0.00031390	mg/L	0.0224451	0.00031390	mg/L	1.40%
Co	228.616	2488.7	0.0786975	0.00019002	mg/L	0.0786975	0.00019002	mg/L	0.24%
Cu	324.754	243646.9	1.62128	0.008062	mg/L	1.62128	0.008062	mg/L	0.50%
Fe	273.955	6371797.1	398.887	3.9244	mg/L	398.887	3.9244	mg/L	0.98%
Mg	279.079	73663.2	5.63772	0.022400	mg/L	5.63772	0.022400	mg/L	0.40%
Mn	257.610	9962918.7	18.9270	0.19640	mg/L	18.9270	0.19640	mg/L	1.04%
Se	196.026	-474.7	0.0129111	0.00079379	mg/L	0.0129111	0.00079379	mg/L	6.15%
V	292.402	35114.2	0.262167	0.0013914	mg/L	0.262167	0.0013914	mg/L	0.53%
Zn	206.200	359465.2	7.78530	0.043143	mg/L	7.78530	0.043143	mg/L	0.55%
Na	330.237	-16487.2	-3.72628	0.004167	mg/L	-3.72628	0.004167	mg/L	0.11%
Ti	334.941	433459.4	0.886340	0.0041441	mg/L	0.886340	0.0041441	mg/L	0.47%
Mo	202.030	-20.4	0.0183893	0.00201738	mg/L	0.0183893	0.00201738	mg/L	10.97%
Sn	189.933	2045.2	0.219400	0.0009332	mg/L	0.219400	0.0009332	mg/L	0.43%
Be	234.861	-34855.7	0.0055039	0.00004085	mg/L	0.0055039	0.00004085	mg/L	0.74%
As	188.979	284.7	0.141046	0.0009247	mg/L	0.141046	0.0009247	mg/L	0.66%
Sb	206.833	442.1	0.0982524	0.00111508	mg/L	0.0982524	0.00111508	mg/L	1.13%
Cr	206.158	3662.1	0.189401	0.0010771	mg/L	0.189401	0.0010771	mg/L	0.57%
Pb	220.353	64233.1	13.1161	0.04611	mg/L	13.1161	0.04611	mg/L	0.35%
Ni	231.604	7287.9	0.262905	0.0015556	mg/L	0.262905	0.0015556	mg/L	0.59%
Tl	190.800	-101.0	-0.0111189	0.00448788	mg/L	-0.0111189	0.00448788	mg/L	40.36%

Mean Data

ID: 18922-011 Seq. No.: 32 Sample No.: 19 A/S Pos: 135
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:48:34 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1505.1	-0.0048879	0.00057932	mg/L	-0.0048879	0.00057932	mg/L	11.85%
Al	308.215	499549.7	26.9201	0.10940	mg/L	26.9201	0.10940	mg/L	0.41%
Ba	233.527	38762.6	0.699218	0.0017964	mg/L	0.699218	0.0017964	mg/L	0.26%
Ca	315.887	1003657.2	13.9010	0.05171	mg/L	13.9010	0.05171	mg/L	0.37%
Cd	226.502	6050.3	0.0236551	0.00020332	mg/L	0.0236551	0.00020332	mg/L	0.86%
Co	228.616	2322.0	0.0733860	0.00013127	mg/L	0.0733860	0.00013127	mg/L	0.18%
Cu	324.754	147762.1	0.969394	0.0030231	mg/L	0.969394	0.0030231	mg/L	0.31%
Fe	273.955	6588804.0	412.474	2.5411	mg/L	412.474	2.5411	mg/L	0.62%
Mg	279.079	64371.7	4.92661	0.024398	mg/L	4.92661	0.024398	mg/L	0.50%
Mn	257.610	1854279.2	3.52265	0.012122	mg/L	3.52265	0.012122	mg/L	0.34%
Se	196.026	-399.7	0.0482628	0.00029282	mg/L	0.0482628	0.00029282	mg/L	0.61%
V	292.402	6564.1	0.0980679	0.00026912	mg/L	0.0980679	0.00026912	mg/L	0.27%
Zn	206.200	180887.3	3.90969	0.015865	mg/L	3.90969	0.015865	mg/L	0.41%
Na	330.237	-8406.8	-3.77148	0.031769	mg/L	-3.77148	0.031769	mg/L	0.84%
Ti	334.941	530825.4	1.08543	0.004360	mg/L	1.08543	0.004360	mg/L	0.40%
Mo	202.030	54.3	0.0232906	0.00028053	mg/L	0.0232906	0.00028053	mg/L	1.20%
Sn	189.933	1491.8	0.160946	0.0009167	mg/L	0.160946	0.0009167	mg/L	0.57%
Be	234.861	-35694.0	0.0063552	0.00031747	mg/L	0.0063552	0.00031747	mg/L	5.00%
As	188.979	382.7	0.179014	0.0014203	mg/L	0.179014	0.0014203	mg/L	0.79%
Sb	206.833	414.4	0.0907582	0.00100445	mg/L	0.0907582	0.00100445	mg/L	1.11%
Cr	206.158	3025.1	0.139930	0.0027767	mg/L	0.139930	0.0027767	mg/L	1.98%
Pb	220.353	10537.1	2.13743	0.007610	mg/L	2.13743	0.007610	mg/L	0.36%
Ni	231.604	5590.5	0.182776	0.0006728	mg/L	0.182776	0.0006728	mg/L	0.37%
Tl	190.800	-105.7	0.0009864	0.00231888	mg/L	0.0009864	0.00231888	mg/L	235.09%

Mean Data

ID: 18922-012 Seq. No.: 33 Sample No.: 20 A/S Pos: 136
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:52:37 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1041.0	-0.0071358	0.00034536	mg/L	-0.0071358	0.00034536	mg/L	4.84%
Al	308.215	470126.3	25.3159	0.35032	mg/L	25.3159	0.35032	mg/L	1.38%
Ba	233.527	13226.6	0.238587	0.0007853	mg/L	0.238587	0.0007853	mg/L	0.33%
Ca	315.887	297889.7	3.77159	0.032029	mg/L	3.77159	0.032029	mg/L	0.85%
Cd	226.502	700.0	0.0001369	0.00019547	mg/L	0.0001369	0.00019547	mg/L	142.75%
Co	228.616	6997.3	0.222313	0.0010112	mg/L	0.222313	0.0010112	mg/L	0.45%
Cu	324.754	89952.4	0.559488	0.0009878	mg/L	0.559488	0.0009878	mg/L	0.18%
Fe	273.955	1282301.1	80.2168	1.17931	mg/L	80.2168	1.17931	mg/L	1.47%
Mg	279.079	43306.9	3.31444	0.022320	mg/L	3.31444	0.022320	mg/L	0.67%
Mn	257.610	1781196.8	3.38382	0.050797	mg/L	3.38382	0.050797	mg/L	1.50%

Se 196.026	-3.2	0.0136074	0.00115543	mg/L	0.0136074	0.00115543	mg/L	8.49%
V 292.402	4739.5	0.0375330	0.00034415	mg/L	0.0375330	0.00034415	mg/L	0.92%
Zn 206.200	83253.2	1.79078	0.016171	mg/L	1.79078	0.016171	mg/L	0.90%
Na 330.237	-2240.0	-0.0535899	0.03291962	mg/L	-0.0535899	0.03291962	mg/L	61.43%
Ti 334.941	173106.9	0.353970	0.0033351	mg/L	0.353970	0.0033351	mg/L	0.94%
Mo 202.030	-28.2	0.0019791	0.00040081	mg/L	0.0019791	0.00040081	mg/L	20.25%
Sn 189.933	823.7	0.0903758	0.00078967	mg/L	0.0903758	0.00078967	mg/L	0.87%
Be 234.861	2552.5	0.0192966	0.00013979	mg/L	0.0192966	0.00013979	mg/L	0.72%
As 188.979	60.2	0.0320118	0.00035882	mg/L	0.0320118	0.00035882	mg/L	1.12%
Sb 206.833	140.3	0.0165172	0.00054963	mg/L	0.0165172	0.00054963	mg/L	3.33%
Cr 206.158	2528.9	0.107290	0.0000934	mg/L	0.107290	0.0000934	mg/L	0.09%
Pb 220.353	3117.2	0.630935	0.0025240	mg/L	0.630935	0.0025240	mg/L	0.40%
Ni 231.604	4398.9	0.187175	0.0000961	mg/L	0.187175	0.0000961	mg/L	0.05%
Tl 190.800	-85.0	-0.0071074	0.00025261	mg/L	-0.0071074	0.00025261	mg/L	3.55%

Mean Data

ID: 18922-013 Seq. No.: 34 Sample No.: 21 A/S Pos: 137
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 10:55:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1434.1	-0.0073134	0.00352486	mg/L	-0.0073134	0.00352486	mg/L	48.20%
Al 308.215	737840.8	39.9124	0.43671	mg/L	39.9124	0.43671	mg/L	1.09%
Ba 233.527	49047.4	0.884739	0.0048329	mg/L	0.884739	0.0048329	mg/L	0.55%
Ca 315.887	5194477.5	74.0489	0.65783	mg/L	74.0489	0.65783	mg/L	0.89%
Cd 226.502	3060.4	0.0101712	0.00007785	mg/L	0.0101712	0.00007785	mg/L	0.77%
Co 228.616	2167.6	0.0684683	0.00066642	mg/L	0.0684683	0.00066642	mg/L	0.97%
Cu 324.754	151671.4	0.988715	0.0074247	mg/L	0.988715	0.0074247	mg/L	0.75%
Fe 273.955	3691377.8	231.057	2.0414	mg/L	231.057	2.0414	mg/L	0.88%
Mg 279.079	174248.2	13.3359	0.04478	mg/L	13.3359	0.04478	mg/L	0.34%
Mn 257.610	1366426.3	2.59586	0.023822	mg/L	2.59586	0.023822	mg/L	0.92%
Se 196.026	-142.7	0.0359942	0.00115100	mg/L	0.0359942	0.00115100	mg/L	3.20%
V 292.402	9997.0	0.0907893	0.00098214	mg/L	0.0907893	0.00098214	mg/L	1.08%
Zn 206.200	134298.7	2.89860	0.007287	mg/L	2.89860	0.007287	mg/L	0.25%
Na 330.237	-5611.5	-1.76463	0.050973	mg/L	-1.76463	0.050973	mg/L	2.89%
Ti 334.941	488621.0	0.999135	0.0102532	mg/L	0.999135	0.0102532	mg/L	1.03%
Mo 202.030	-6.9	0.0124650	0.00037787	mg/L	0.0124650	0.00037787	mg/L	3.03%
Sn 189.933	1493.2	0.161095	0.0012347	mg/L	0.161095	0.0012347	mg/L	0.77%
Be 234.861	-18769.1	0.0058916	0.00009968	mg/L	0.0058916	0.00009968	mg/L	1.69%
As 188.979	273.3	0.126650	0.0023954	mg/L	0.126650	0.0023954	mg/L	1.89%
Sb 206.833	407.3	0.0888493	0.00021029	mg/L	0.0888493	0.00021029	mg/L	0.24%
Cr 206.158	3245.2	0.141620	0.0003796	mg/L	0.141620	0.0003796	mg/L	0.27%
Pb 220.353	14026.6	2.85549	0.015367	mg/L	2.85549	0.015367	mg/L	0.54%
Ni 231.604	4540.9	0.166913	0.0012302	mg/L	0.166913	0.0012302	mg/L	0.74%
Tl 190.800	-107.8	-0.0095341	0.00072585	mg/L	-0.0095341	0.00072585	mg/L	7.61%

Mean Data

ID: 15522-001 Seq. No.: 35 Sample No.: 22 A/S Pos: 146
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 10:59:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-525.1	-0.0035997	0.00079629	mg/L	-0.0035997	0.00079629	mg/L	22.12%
Al 308.215	5961.0	0.0082097	0.00290759	mg/L	0.0082097	0.00290759	mg/L	35.42%
Ba 233.527	-4.7	-0.0000850	0.00001096	mg/L	-0.0000850	0.00001096	mg/L	12.90%
Ca 315.887	9428.0	-0.368504	0.0059350	mg/L	-0.368504	0.0059350	mg/L	1.61%
Cd 226.502	-194.7	-0.0018232	0.00003206	mg/L	-0.0018232	0.00003206	mg/L	1.76%
Co 228.616	-90.4	-0.0034571	0.00000726	mg/L	-0.0034571	0.00000726	mg/L	0.21%
Cu 324.754	8109.1	0.0025994	0.00027512	mg/L	0.0025994	0.00027512	mg/L	10.58%
Fe 273.955	988.5	-0.0104498	0.00538176	mg/L	-0.0104498	0.00538176	mg/L	51.50%
Mg 279.079	745.7	0.0570732	0.00153133	mg/L	0.0570732	0.00153133	mg/L	2.68%
Mn 257.610	763.8	0.0014510	0.00004921	mg/L	0.0014510	0.00004921	mg/L	3.39%
Se 196.026	46.3	-0.0023418	0.00078539	mg/L	-0.0023418	0.00078539	mg/L	33.54%
V 292.402	-195.5	-0.0032359	0.00015025	mg/L	-0.0032359	0.00015025	mg/L	4.64%
Zn 206.200	488.3	-0.0054349	0.00046335	mg/L	-0.0054349	0.00046335	mg/L	8.53%
Na 330.237	1917.2	0.812805	0.0686532	mg/L	0.812805	0.0686532	mg/L	8.45%
Ti 334.941	65.4	0.0001336	0.00010363	mg/L	0.0001336	0.00010363	mg/L	77.54%
Mo 202.030	-105.1	-0.0025064	0.00037374	mg/L	-0.0025064	0.00037374	mg/L	14.91%
Sn 189.933	-50.9	-0.0020042	0.00089340	mg/L	-0.0020042	0.00089340	mg/L	44.58%
Be 234.861	-383.9	-0.0007302	0.00000116	mg/L	-0.0007302	0.00000116	mg/L	0.16%

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As 188.979	-37.8	-0.0051344	0.00137323	mg/L	-0.0051344	0.00137323	mg/L	26.75%
Sb 206.833	70.2	-0.0024773	0.00034985	mg/L	-0.0024773	0.00034985	mg/L	14.12%
Cr 206.158	133.3	0.0050379	0.00018594	mg/L	0.0050379	0.00018594	mg/L	3.69%
Pb 220.353	12.1	-0.0039077	0.00047714	mg/L	-0.0039077	0.00047714	mg/L	12.21%
Ni 231.604	-5.9	-0.0002710	0.00009280	mg/L	-0.0002710	0.00009280	mg/L	34.25%
Tl 190.800	-70.2	0.0015754	0.00062557	mg/L	0.0015754	0.00062557	mg/L	39.71%

Mean Data

ID: ICSA V-4505 Seq. No.: 36 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: 8/16/05 11:02:25 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-31.6	-0.0002167	0.00023493	mg/L				108.40%
Al 308.215	7836735.3	426.909	1.4837	mg/L				0.35%
Ba 233.527	-47.8	-0.0008619	0.00012049	mg/L				13.98%
Ca 315.887	29643953.2	424.955	1.4851	mg/L				0.35%
Cd 226.502	1297.3	-0.0015268	0.00003864	mg/L				2.53%
Co 228.616	171.7	0.0048900	0.00015983	mg/L				3.27%
Cu 324.754	7229.3	0.0034717	0.00044432	mg/L				12.80%
Fe 273.955	2730870.8	170.917	0.5377	mg/L				0.31%
Mg 279.079	6175920.1	472.667	1.5363	mg/L				0.33%
Mn 257.610	1739.6	0.0033048	0.00011919	mg/L				3.61%
Se 196.026	-233.6	-0.0036106	0.00071792	mg/L				19.88%
V 292.402	7096.7	0.0008403	0.00006669	mg/L				7.94%
Zn 206.200	816.0	0.0016781	0.00040766	mg/L				24.29%
Na 330.237	1791.9	-5.08140	0.054267	mg/L				1.07%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-357.6	-0.0007312	0.00000616	mg/L				0.84%
Mo 202.030	-215.3	-0.0020918	0.00063324	mg/L				30.27%
Sn 189.933	-94.1	-0.0065682	0.00081341	mg/L				12.38%
Be 234.861	-15472.2	0.0013366	0.00011951	mg/L				8.94%
As 188.979	-64.9	-0.0051356	0.00000478	mg/L				0.09%
Sb 206.833	117.4	-0.0020450	0.00136293	mg/L				66.65%
Cr 206.158	232.4	-0.0125813	0.00007572	mg/L				0.60%
Pb 220.353	-177.3	-0.0038292	0.00083446	mg/L				21.79%
Ni 231.604	1037.4	0.0062601	0.00022174	mg/L				3.54%
Tl 190.800	-69.0	0.0022995	0.00206865	mg/L				89.96%

Mean Data

ID: ICSAB V-4506 Seq. No.: 37 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: 8/16/05 11:05:59 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	146934.5	1.00717	0.004457	mg/L				0.44%
Al 308.215	7885073.9	429.544	1.9019	mg/L				0.44%
Ba 233.527	24481.1	0.441601	0.0017539	mg/L				0.40%
Ca 315.887	29650099.3	425.043	1.9192	mg/L				0.45%
Cd 226.502	96417.2	0.889172	0.0028526	mg/L				0.32%
Co 228.616	14523.4	0.462050	0.0020243	mg/L				0.44%
Cu 324.754	78878.3	0.491019	0.0037997	mg/L				0.77%
Fe 273.955	2740776.6	171.537	0.6329	mg/L				0.37%
Mg 279.079	6334167.5	484.778	2.0695	mg/L				0.43%
Mn 257.610	241431.3	0.458658	0.0020226	mg/L				0.44%
Se 196.026	5539.3	0.943934	0.0040951	mg/L				0.43%
V 292.402	82637.1	0.438882	0.0016519	mg/L				0.38%
Zn 206.200	40725.9	0.867827	0.0019518	mg/L				0.22%
Na 330.237	-702.0	-5.82295	0.017846	mg/L				0.31%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	20.6	0.0000422	0.00086802	mg/L				>999.9%
Mo 202.030	-184.9	-0.0002971	0.00063178	mg/L				212.68%
Sn 189.933	-99.2	-0.0071134	0.00054549	mg/L				7.67%
Be 234.861	238023.0	0.483667	0.0016267	mg/L				0.34%
As 188.979	2626.9	1.01514	0.003297	mg/L				0.32%
Sb 206.833	3758.2	0.984161	0.0054986	mg/L				0.56%
Cr 206.158	12842.2	0.469427	0.0016538	mg/L				0.35%
Pb 220.353	4325.0	0.916872	0.0066711	mg/L				0.73%
Ni 231.604	20895.5	0.915316	0.0034230	mg/L				0.37%
Tl 190.800	1544.5	0.950240	0.0023669	mg/L				0.25%

1574

Mean Data

ID: CCV V-4510

Seq. No.: 38

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: 8/16/05

11:09:12 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68189.8	0.467410	0.0017591	mg/L				0.38%
Al 308.215	93995.5	4.80810	0.010570	mg/L				0.22%
Ba 233.527	26888.5	0.485027	0.0032715	mg/L				0.67%
Ca 315.887	3460544.3	49.1630	0.21795	mg/L				0.44%
Cd 226.502	52361.4	0.490337	0.0024430	mg/L				0.50%
Co 228.616	15680.3	0.498902	0.0003535	mg/L				0.07%
Cu 324.754	79574.7	0.488874	0.0033840	mg/L				0.69%
Fe 273.955	81201.4	5.01194	0.020015	mg/L				0.40%
Mg 279.079	636666.5	48.7265	0.17732	mg/L				0.36%
Mn 257.610	264890.8	0.503225	0.0022951	mg/L				0.46%
Se 196.026	3134.0	0.504394	0.0010607	mg/L				0.21%
V 292.402	84124.6	0.480843	0.0029792	mg/L				0.62%
Zn 206.200	24433.6	0.514240	0.0034053	mg/L				0.66%
Na 330.237	38978.6	45.9157	0.29274	mg/L				0.64%
Ti 334.941	240362.7	0.491495	0.0025766	mg/L				0.52%
Mo 202.030	8274.6	0.486079	0.0010684	mg/L				0.22%
Sn 189.933	4491.0	0.477754	0.0006402	mg/L				0.13%
Be 234.861	263915.5	0.502041	0.0019439	mg/L				0.39%
As 188.979	1333.1	0.514495	0.0010330	mg/L				0.20%
Sb 206.833	1950.2	0.506795	0.0023710	mg/L				0.47%
Cr 206.158	13506.1	0.510319	0.0032582	mg/L				0.64%
Pb 220.353	2408.5	0.486045	0.0003315	mg/L				0.07%
Ni 231.604	10895.9	0.498881	0.0003732	mg/L				0.07%
Tl 190.800	752.6	0.490379	0.0030619	mg/L				0.62%

Mean Data

ID: CCB

Seq. No.: 39

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: 8/16/05

11:12:15 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-213.8	-0.0014656	0.00204416	mg/L				139.48%
Al 308.215	6469.0	0.0359079	0.01390766	mg/L				38.73%
Ba 233.527	-2.6	-0.0000477	0.00006222	mg/L				130.46%
Ca 315.887	10496.4	-0.353170	0.0211467	mg/L				5.99%
Cd 226.502	-174.2	-0.0016315	0.00002886	mg/L				1.77%
Co 228.616	-86.4	-0.0033309	0.00018330	mg/L				5.50%
Cu 324.754	8391.6	0.0045222	0.00175431	mg/L				38.79%
Fe 273.955	753.0	-0.0251988	0.00173940	mg/L				6.90%
Mg 279.079	1097.7	0.0840137	0.00552045	mg/L				6.57%
Mn 257.610	683.0	0.0012976	0.00000664	mg/L				0.51%
Se 196.026	46.0	-0.0023913	0.00036484	mg/L				15.26%
V 292.402	-174.2	-0.0031122	0.00027979	mg/L				8.99%
Zn 206.200	437.0	-0.0065481	0.00014075	mg/L				2.15%
Na 330.237	2014.4	0.927618	0.1122970	mg/L				12.11%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	107.1	0.0002191	0.00001376	mg/L				6.28%
Mo 202.030	-105.8	-0.0025460	0.00004870	mg/L				1.91%
Sn 189.933	-43.6	-0.0012377	0.00066944	mg/L				54.09%
Be 234.861	-331.3	-0.0006302	0.00000656	mg/L				1.04%
As 188.979	-37.5	-0.0050088	0.00048369	mg/L				9.66%
Sb 206.833	68.3	-0.0030045	0.00217888	mg/L				72.52%
Cr 206.158	137.8	0.0052058	0.00008964	mg/L				1.72%
Pb 220.353	16.4	-0.0030243	0.00105112	mg/L				34.76%
Ni 231.604	-13.5	-0.0006162	0.00017146	mg/L				27.82%
Tl 190.800	-69.3	0.0021174	0.00156642	mg/L				73.98%

Mean Data

ID: 18916-021

Seq. No.: 40

Sample No.: 23

A/S Pos: 138

Sample Qty: 1.0000 mL

Prep. Vol.: 1.0 mL

Dilution: 1.0:

1.0:

1.0

Data: Original

Date: 8/16/05

11:15:28 AM

Mean Corr.	Mean	Calib	Mean	Sample
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1580

Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev.	Units	RSD
Ag 328.068	-4202.8	-0.0091030	0.00027727	mg/L	-0.0091030	0.00027727	mg/L	3.05%
Al 308.215	1762237.6	95.7655	1.14453	mg/L	95.7655	1.14453	mg/L	1.20%
Ba 233.527	66128.4	1.19285	0.009797	mg/L	1.19285	0.009797	mg/L	0.82%
Ca 315.887	1157663.8	16.1113	0.12810	mg/L	16.1113	0.12810	mg/L	0.80%
Cd 226.502	1152.3	-0.0017610	0.00004908	mg/L	-0.0017610	0.00004908	mg/L	2.79%
Co 228.616	2671.9	0.0792679	0.00033683	mg/L	0.0792679	0.00033683	mg/L	0.42%
Cu 324.754	22520.8	0.106956	0.0002144	mg/L	0.106956	0.0002144	mg/L	0.20%
Fe 273.955	2506580.0	156.873	1.2728	mg/L	156.873	1.2728	mg/L	0.81%
Mg 279.079	403145.2	30.8542	0.25369	mg/L	30.8542	0.25369	mg/L	0.82%
Mn 257.610	1327620.2	2.52214	0.022634	mg/L	2.52214	0.022634	mg/L	0.90%
Se 196.026	-150.3	0.0124752	0.00213902	mg/L	0.0124752	0.00213902	mg/L	17.15%
V 292.402	40336.0	0.256195	0.0019046	mg/L	0.256195	0.0019046	mg/L	0.74%
Zn 206.200	22159.2	0.464880	0.0019539	mg/L	0.464880	0.0019539	mg/L	0.42%
Na 330.237	-181.5	0.474644	0.0276742	mg/L	0.474644	0.0276742	mg/L	5.83%
Ti 334.941	1926849.0	3.94003	0.041427	mg/L	3.94003	0.041427	mg/L	1.05%
Mo 202.030	-103.9	0.0038418	0.00040455	mg/L	0.0038418	0.00040455	mg/L	10.53%
Sn 189.933	294.6	0.0457404	0.00130291	mg/L	0.0457404	0.00130291	mg/L	2.85%
Be 234.861	-11010.6	0.0072955	0.00017752	mg/L	0.0072955	0.00017752	mg/L	2.43%
As 188.979	-10.2	0.0226454	0.00066687	mg/L	0.0226454	0.00066687	mg/L	2.94%
Sb 206.833	89.2	0.0026741	0.00215589	mg/L	0.0026741	0.00215589	mg/L	80.62%
Cr 206.158	7607.2	0.287432	0.0018105	mg/L	0.287432	0.0018105	mg/L	0.63%
Pb 220.353	496.9	0.102122	0.0008740	mg/L	0.102122	0.0008740	mg/L	0.86%
Ni 231.604	5079.5	0.204733	0.0007097	mg/L	0.204733	0.0007097	mg/L	0.35%
Tl 190.800	-152.8	-0.0036322	0.00419361	mg/L	-0.0036322	0.00419361	mg/L	115.46%

Mean Data

ID: 18916-022	Seq. No.: 41	Sample No.: 24	A/S Pos: 139
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:18:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1854.9	-0.0040436	0.00000960	mg/L	-0.0040436	0.00000960	mg/L	0.24%
Al 308.215	757058.1	40.9602	0.32368	mg/L	40.9602	0.32368	mg/L	0.79%
Ba 233.527	390459.7	7.04329	0.042843	mg/L	7.04329	0.042843	mg/L	0.61%
Ca 315.887	5503422.7	78.4830	0.55688	mg/L	78.4830	0.55688	mg/L	0.71%
Cd 226.502	5412.1	0.0339922	0.00007370	mg/L	0.0339922	0.00007370	mg/L	0.22%
Co 228.616	1932.3	0.0609731	0.00001172	mg/L	0.0609731	0.00001172	mg/L	0.02%
Cu 324.754	340046.5	2.26958	0.013401	mg/L	2.26958	0.013401	mg/L	0.59%
Fe 273.955	3332425.7	208.582	1.5611	mg/L	208.582	1.5611	mg/L	0.75%
Mg 279.079	254634.4	19.4881	0.13436	mg/L	19.4881	0.13436	mg/L	0.69%
Mn 257.610	1410683.0	2.67994	0.020992	mg/L	2.67994	0.020992	mg/L	0.78%
Se 196.026	-205.1	0.0190047	0.00123166	mg/L	0.0190047	0.00123166	mg/L	6.48%
V 292.402	20192.8	0.146745	0.0016997	mg/L	0.146745	0.0016997	mg/L	1.16%
Zn 206.200	1143340.3	24.7974	0.18227	mg/L	24.7974	0.18227	mg/L	0.74%
Na 330.237	-69463.9	-19.7043	0.05362	mg/L	-19.7043	0.05362	mg/L	0.27%
Ti 334.941	847846.7	1.73368	0.013481	mg/L	1.73368	0.013481	mg/L	0.78%
Mo 202.030	84.7	0.0169078	0.00047742	mg/L	0.0169078	0.00047742	mg/L	2.82%
Sn 189.933	1655.1	0.184872	0.0007452	mg/L	0.184872	0.0007452	mg/L	0.40%
Be 234.861	-17797.0	0.0036947	0.00004976	mg/L	0.0036947	0.00004976	mg/L	1.35%
As 188.979	1768.2	0.691915	0.0036357	mg/L	0.691915	0.0036357	mg/L	0.53%
Sb 206.833	212.2	0.0359718	0.00257072	mg/L	0.0359718	0.00257072	mg/L	7.15%
Cr 206.158	8.1	0.162849	0.0006650	mg/L	0.162849	0.0006650	mg/L	0.41%
Pb 220.353	266669.9	54.5099	0.33660	mg/L	54.5099	0.33660	mg/L	0.62%
Ni 231.604	6226.9	0.248096	0.0014698	mg/L	0.248096	0.0014698	mg/L	0.59%
Tl 190.800	-118.9	-0.0079341	0.00068759	mg/L	-0.0079341	0.00068759	mg/L	8.67%

Mean Data

ID: 18916-023	Seq. No.: 42	Sample No.: 25	A/S Pos: 140
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:22:58 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2502.6	-0.0052262	0.00013226	mg/L	-0.0052262	0.00013226	mg/L	2.53%
Al 308.215	512897.9	27.6479	0.11832	mg/L	27.6479	0.11832	mg/L	0.43%
Ba 233.527	45265.0	0.816511	0.0072789	mg/L	0.816511	0.0072789	mg/L	0.89%
Ca 315.887	1263785.4	17.6344	0.18029	mg/L	17.6344	0.18029	mg/L	1.02%
Cd 226.502	536.3	-0.0004862	0.00003600	mg/L	-0.0004862	0.00003600	mg/L	7.40%
Co 228.616	1643.6	0.0517786	0.00021974	mg/L	0.0517786	0.00021974	mg/L	0.42%
Cu 324.754	156210.2	1.01033	0.001584	mg/L	1.01033	0.001584	mg/L	0.16%

Fe 273.955	1100750.7	68.8493	0.54854 mg/L	68.8493	0.54854 mg/L	0.80%
Mg 279.079	76204.3	5.83220	0.060821 mg/L	5.83220	0.060821 mg/L	1.04%
Mn 257.610	540962.6	1.02769	0.007696 mg/L	1.02769	0.007696 mg/L	0.75%
Se 196.026	9.6	0.0123018	0.00136519 mg/L	0.0123018	0.00136519 mg/L	11.10%
V 292.402	15489.5	0.0983825	0.00061652 mg/L	0.0983825	0.00061652 mg/L	0.63%
Zn 206.200	258042.6	5.58417	0.059340 mg/L	5.58417	0.059340 mg/L	1.06%
Na 330.237	-13609.2	-2.25084	0.070398 mg/L	-2.25084	0.070398 mg/L	3.13%
Ti 334.941	1166366.4	2.38499	0.012093 mg/L	2.38499	0.012093 mg/L	0.51%
Mo 202.030	75.9	0.0080470	0.00031682 mg/L	0.0080470	0.00031682 mg/L	3.94%
Sn 189.933	682.6	0.0822819	0.00095157 mg/L	0.0822819	0.00095157 mg/L	1.16%
Be 234.861	-4796.8	0.0032696	0.00001839 mg/L	0.0032696	0.00001839 mg/L	0.56%
As 188.979	134.2	0.0600808	0.00111362 mg/L	0.0600808	0.00111362 mg/L	1.85%
Sb 206.833	139.9	0.0163986	0.00025411 mg/L	0.0163986	0.00025411 mg/L	1.55%
Cr 206.158	2750.5	0.140531	0.0007198 mg/L	0.140531	0.0007198 mg/L	0.51%
Pb 220.353	6717.6	1.36705	0.005746 mg/L	1.36705	0.005746 mg/L	0.42%
Ni 231.604	3144.7	0.131767	0.0009040 mg/L	0.131767	0.0009040 mg/L	0.69%
Tl 190.800	-123.5	-0.0034878	0.00061552 mg/L	-0.0034878	0.00061552 mg/L	17.65%

Mean Data

ID: 18916-024 Seq. No.: 43 Sample No.: 26 A/S Pos: 141
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 11:26:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3873.0	-0.0085510	0.00056503	mg/L	-0.0085510	0.00056503	mg/L	6.61%
Al 308.215	1539693.5	83.6318	0.73695	mg/L	83.6318	0.73695	mg/L	0.88%
Ba 233.527	63328.4	1.14235	0.010520	mg/L	1.14235	0.010520	mg/L	0.92%
Ca 315.887	1153302.4	16.0487	0.16217	mg/L	16.0487	0.16217	mg/L	1.01%
Cd 226.502	1082.2	-0.0017858	0.00005858	mg/L	-0.0017858	0.00005858	mg/L	3.28%
Co 228.616	2822.1	0.0893180	0.00045284	mg/L	0.0893180	0.00045284	mg/L	0.51%
Cu 324.754	25880.8	0.129502	0.0003230	mg/L	0.129502	0.0003230	mg/L	0.25%
Fe 273.955	2380523.6	148.980	1.3935	mg/L	148.980	1.3935	mg/L	0.94%
Mg 279.079	370129.5	28.3274	0.29964	mg/L	28.3274	0.29964	mg/L	1.06%
Mn 257.610	1651810.8	3.13802	0.027999	mg/L	3.13802	0.027999	mg/L	0.89%
Se 196.026	-122.5	0.0146647	0.00086336	mg/L	0.0146647	0.00086336	mg/L	5.89%
V 292.402	36900.5	0.235017	0.0022638	mg/L	0.235017	0.0022638	mg/L	0.96%
Zn 206.200	26883.2	0.567403	0.0046275	mg/L	0.567403	0.0046275	mg/L	0.82%
Na 330.237	-300.5	0.476246	0.0384450	mg/L	0.476246	0.0384450	mg/L	8.07%
Ti 334.941	1759760.5	3.59837	0.029683	mg/L	3.59837	0.029683	mg/L	0.82%
Mo 202.030	-92.2	0.0042075	0.00037688	mg/L	0.0042075	0.00037688	mg/L	8.96%
Sn 189.933	468.1	0.0630831	0.00096628	mg/L	0.0630831	0.00096628	mg/L	1.53%
Be 234.861	-11082.9	0.0057372	0.00010059	mg/L	0.0057372	0.00010059	mg/L	1.75%
As 188.979	9.3	0.0288802	0.00029444	mg/L	0.0288802	0.00029444	mg/L	1.02%
Sb 206.833	91.0	0.0031477	0.00044716	mg/L	0.0031477	0.00044716	mg/L	14.21%
Cr 206.158	7635.9	0.288518	0.0037898	mg/L	0.288518	0.0037898	mg/L	1.31%
Pb 220.353	8992.5	1.83820	0.003394	mg/L	1.83820	0.003394	mg/L	0.18%
Ni 231.604	4795.0	0.193112	0.0002677	mg/L	0.193112	0.0002677	mg/L	0.14%
Tl 190.800	-153.8	-0.0079617	0.00044164	mg/L	-0.0079617	0.00044164	mg/L	5.55%

Mean Data

ID: 18916-025 Seq. No.: 44 Sample No.: 27 A/S Pos: 142
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 11:29:10 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-608.2	-0.0041693	0.00025242	mg/L	-0.0041693	0.00025242	mg/L	6.05%
Al 308.215	6852.2	0.0567967	0.00218669	mg/L	0.0567967	0.00218669	mg/L	3.85%
Ba 233.527	1631.4	0.0294273	0.00014883	mg/L	0.0294273	0.00014883	mg/L	0.51%
Ca 315.887	129671.8	1.35727	0.027134	mg/L	1.35727	0.027134	mg/L	2.00%
Cd 226.502	-213.9	-0.0020026	0.00009766	mg/L	-0.0020026	0.00009766	mg/L	4.88%
Co 228.616	-81.2	-0.0031648	0.00004602	mg/L	-0.0031648	0.00004602	mg/L	1.45%
Cu 324.754	9203.5	0.0100463	0.00020068	mg/L	0.0100463	0.00020068	mg/L	2.00%
Fe 273.955	1719.9	0.0353415	0.00780883	mg/L	0.0353415	0.00780883	mg/L	22.10%
Mg 279.079	3211.2	0.245767	0.0092397	mg/L	0.245767	0.0092397	mg/L	3.76%
Mn 257.610	3688.5	0.0070072	0.00007412	mg/L	0.0070072	0.00007412	mg/L	1.06%
Se 196.026	73.4	0.0021106	0.00131349	mg/L	0.0021106	0.00131349	mg/L	62.23%
V 292.402	-175.5	-0.0031199	0.00004675	mg/L	-0.0031199	0.00004675	mg/L	1.50%
Zn 206.200	1480.0	0.0160874	0.00041369	mg/L	0.0160874	0.00041369	mg/L	2.57%
Na 330.237	3363.2	2.52052	0.026208	mg/L	2.52052	0.026208	mg/L	1.04%
Ti 334.941	406.0	0.0008303	0.00016500	mg/L	0.0008303	0.00016500	mg/L	19.87%

Mo 202.030	-114.3	-0.0030427	0.00011284	mg/L	-0.0030427	0.00011284	mg/L	3.71%
Sn 189.933	544.0	0.0608313	0.00029734	mg/L	0.0608313	0.00029734	mg/L	0.49%
Be 234.861	-344.9	-0.0006562	0.00000936	mg/L	-0.0006562	0.00000936	mg/L	1.43%
As 188.979	-35.7	-0.0043348	0.00086974	mg/L	-0.0043348	0.00086974	mg/L	20.06%
Sb 206.833	78.5	-0.0002296	0.00008490	mg/L	-0.0002296	0.00008490	mg/L	36.97%
Cr 206.158	177.4	0.0067046	0.00003961	mg/L	0.0067046	0.00003961	mg/L	0.59%
Pb 220.353	45.6	0.0029376	0.00212600	mg/L	0.0029376	0.00212600	mg/L	72.37%
Ni 231.604	72.2	0.0033058	0.00020250	mg/L	0.0033058	0.00020250	mg/L	6.13%
Tl 190.800	-86.4	-0.0079679	0.00140123	mg/L	-0.0079679	0.00140123	mg/L	17.59%

Mean Data

ID: MB FB (1)	Seq. No.: 45	Sample No.: 28	A/S Pos: 143
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:32:10 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-576.2	-0.0039498	0.00019089	mg/L	-0.0039498	0.00019089	mg/L	4.83%
Al 308.215	8609.3	0.152602	0.0009673	mg/L	0.152602	0.0009673	mg/L	0.63%
Ba 233.527	36.2	0.0006534	0.00008408	mg/L	0.0006534	0.00008408	mg/L	12.87%
Ca 315.887	15431.8	-0.282336	0.0070920	mg/L	-0.282336	0.0070920	mg/L	2.51%
Cd 226.502	-203.5	-0.0019052	0.00002869	mg/L	-0.0019052	0.00002869	mg/L	1.51%
Co 228.616	-94.7	-0.0035950	0.00006496	mg/L	-0.0035950	0.00006496	mg/L	1.81%
Cu 324.754	8161.6	0.0029571	0.00013770	mg/L	0.0029571	0.00013770	mg/L	4.66%
Fe 273.955	1740.6	0.0366389	0.00451273	mg/L	0.0366389	0.00451273	mg/L	12.32%
Mg 279.079	1488.4	0.113916	0.0062954	mg/L	0.113916	0.0062954	mg/L	5.53%
Mn 257.610	2174.0	0.0041300	0.00002115	mg/L	0.0041300	0.00002115	mg/L	0.51%
Se 196.026	64.9	0.0007165	0.00075738	mg/L	0.0007165	0.00075738	mg/L	105.70%
V 292.402	-146.6	-0.0029518	0.00027914	mg/L	-0.0029518	0.00027914	mg/L	9.46%
Zn 206.200	932.3	0.0042014	0.00050493	mg/L	0.0042014	0.00050493	mg/L	12.02%
Na 330.237	2584.3	1.60071	0.035275	mg/L	1.60071	0.035275	mg/L	2.20%
Ti 334.941	309.7	0.0006332	0.00006024	mg/L	0.0006332	0.00006024	mg/L	9.51%
Mo 202.030	-115.8	-0.0031335	0.00003832	mg/L	-0.0031335	0.00003832	mg/L	1.22%
Sn 189.933	318.0	0.0369557	0.00105057	mg/L	0.0369557	0.00105057	mg/L	2.84%
Be 234.861	-412.9	-0.0007854	0.00000464	mg/L	-0.0007854	0.00000464	mg/L	0.59%
As 188.979	-37.4	-0.0049839	0.00183972	mg/L	-0.0049839	0.00183972	mg/L	36.91%
Sb 206.833	83.4	0.0010827	0.00063948	mg/L	0.0010827	0.00063948	mg/L	59.07%
Cr 206.158	167.2	0.0063189	0.00011503	mg/L	0.0063189	0.00011503	mg/L	1.82%
Pb 220.353	37.5	0.0012910	0.00279940	mg/L	0.0012910	0.00279940	mg/L	216.84%
Ni 231.604	-4.3	-0.0001966	0.00011594	mg/L	-0.0001966	0.00011594	mg/L	58.99%
Tl 190.800	-84.8	-0.0069899	0.00151981	mg/L	-0.0069899	0.00151981	mg/L	21.74%

Mean Data

ID: LCSW	Seq. No.: 46	Sample No.: 29	A/S Pos: 144
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:35:16 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71317.9	0.488851	0.0048674	mg/L	0.488851	0.0048674	mg/L	1.00%
Al 308.215	91106.7	4.65060	0.051334	mg/L	4.65060	0.051334	mg/L	1.10%
Ba 233.527	26728.8	0.482146	0.0049461	mg/L	0.482146	0.0049461	mg/L	1.03%
Ca 315.887	3434338.1	48.7868	0.71254	mg/L	48.7868	0.71254	mg/L	1.46%
Cd 226.502	51584.8	0.483065	0.0058019	mg/L	0.483065	0.0058019	mg/L	1.20%
Co 228.616	15482.7	0.492609	0.0012562	mg/L	0.492609	0.0012562	mg/L	0.26%
Cu 324.754	79540.9	0.488645	0.0062703	mg/L	0.488645	0.0062703	mg/L	1.28%
Fe 273.955	80153.3	4.94632	0.066053	mg/L	4.94632	0.066053	mg/L	1.34%
Mg 279.079	622897.7	47.6727	0.68667	mg/L	47.6727	0.68667	mg/L	1.44%
Mn 257.610	262835.5	0.499320	0.0069744	mg/L	0.499320	0.0069744	mg/L	1.40%
Se 196.026	2954.5	0.474939	0.0000213	mg/L	0.474939	0.0000213	mg/L	0.00%
V 292.402	83308.9	0.476239	0.0071931	mg/L	0.476239	0.0071931	mg/L	1.51%
Zn 206.200	24387.1	0.513232	0.0074634	mg/L	0.513232	0.0074634	mg/L	1.45%
Na 330.237	38302.7	45.1148	0.33869	mg/L	45.1148	0.33869	mg/L	0.75%
Ti 334.941	235058.8	0.480649	0.0056148	mg/L	0.480649	0.0056148	mg/L	1.17%
Mo 202.030	8221.5	0.482986	0.0000306	mg/L	0.482986	0.0000306	mg/L	0.01%
Sn 189.933	4738.5	0.503889	0.0018458	mg/L	0.503889	0.0018458	mg/L	0.37%
Be 234.861	254542.7	0.484211	0.0066422	mg/L	0.484211	0.0066422	mg/L	1.37%
As 188.979	1297.3	0.500922	0.0009493	mg/L	0.500922	0.0009493	mg/L	0.19%
Sb 206.833	1894.9	0.491816	0.0009167	mg/L	0.491816	0.0009167	mg/L	0.19%
Cr 206.158	13469.0	0.508919	0.0048831	mg/L	0.508919	0.0048831	mg/L	0.96%
Pb 220.353	2412.5	0.486855	0.0010842	mg/L	0.486855	0.0010842	mg/L	0.22%
Ni 231.604	10861.3	0.497298	0.0007630	mg/L	0.497298	0.0007630	mg/L	0.15%

1500

Method: PEL Axial

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Date: 8/16/05 11:46:49 AM

Tl 190.800 729.0 0.476374 0.0011760 mg/L 0.476374 0.0011760 mg/L 0.25%

Mean Data

ID: ICSA V-4505 Seq. No.: 47 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: 8/16/05 11:39:32 AM

Table with 8 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: ICSAB V-4506 Seq. No.: 48 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: 8/16/05 11:43:06 AM

Table with 8 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: CCV V-4510 Seq. No.: 49 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: 8/16/05 11:46:18 AM

1584

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	67999.7	0.466106	0.0017442	mg/L			0.37%
Al	308.215	93870.7	4.80130	0.010753	mg/L			0.22%
Ba	233.527	27041.7	0.487791	0.0019162	mg/L			0.39%
Ca	315.887	3454542.2	49.0768	0.24244	mg/L			0.49%
Cd	226.502	51997.0	0.486924	0.0023813	mg/L			0.49%
Co	228.616	15659.1	0.498226	0.0001038	mg/L			0.02%
Cu	324.754	80115.6	0.492555	0.0007001	mg/L			0.14%
Fe	273.955	80744.5	4.98333	0.024872	mg/L			0.50%
Mg	279.079	631620.9	48.3403	0.25264	mg/L			0.52%
Mn	257.610	262547.4	0.498773	0.0024498	mg/L			0.49%
Se	196.026	3125.9	0.503061	0.0022102	mg/L			0.44%
V	292.402	83901.9	0.479600	0.0026497	mg/L			0.55%
Zn	206.200	24201.0	0.509194	0.0032887	mg/L			0.65%
Na	330.237	38932.1	45.8476	0.05046	mg/L			0.11%
Ti	334.941	237726.2	0.486104	0.0022311	mg/L			0.46%
Mo	202.030	8279.0	0.486334	0.0005460	mg/L			0.11%
Sn	189.933	4489.6	0.477600	0.0021340	mg/L			0.45%
Be	234.861	261165.3	0.496809	0.0026036	mg/L			0.52%
As	188.979	1338.8	0.516652	0.0004761	mg/L			0.09%
Sb	206.833	1939.8	0.503981	0.0003786	mg/L			0.08%
Cr	206.158	13484.5	0.509505	0.0023097	mg/L			0.45%
Pb	220.353	2422.3	0.488857	0.0000672	mg/L			0.01%
Ni	231.604	10961.0	0.501866	0.0002632	mg/L			0.05%
Tl	190.800	751.5	0.489660	0.0000857	mg/L			0.02%

Mean Data

ID: CCB Seq. No.: 50 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: 8/16/05 11:49:22 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-486.0	-0.0033314	0.00044750	mg/L			13.43%
Al	308.215	6318.0	0.0276698	0.00399877	mg/L			14.45%
Ba	233.527	-0.1	-0.0000019	0.00008368	mg/L			>999.9%
Ca	315.887	9393.3	-0.369002	0.0078299	mg/L			2.12%
Cd	226.502	-191.2	-0.0017902	0.00000746	mg/L			0.42%
Co	228.616	-88.5	-0.0033968	0.00007410	mg/L			2.18%
Cu	324.754	8174.4	0.0030440	0.00023318	mg/L			7.66%
Fe	273.955	686.7	-0.0293498	0.00138581	mg/L			4.72%
Mg	279.079	1235.1	0.0945295	0.00341797	mg/L			3.62%
Mn	257.610	753.0	0.0014306	0.00000772	mg/L			0.54%
Se	196.026	43.9	-0.0027339	0.00266506	mg/L			97.48%
V	292.402	-198.5	-0.0032535	0.00031049	mg/L			9.54%
Zn	206.200	454.9	-0.0061593	0.00033523	mg/L			5.44%
Na	330.237	1948.2	0.849526	0.0939612	mg/L			11.06%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti	334.941	134.7	0.0002754	0.00006595	mg/L			23.94%
Mo	202.030	-102.1	-0.0023307	0.00001901	mg/L			0.82%
Sn	189.933	-38.3	-0.0006769	0.00072796	mg/L			107.54%
Be	234.861	-339.1	-0.0006451	0.00000760	mg/L			1.18%
As	188.979	-35.7	-0.0043412	0.00057014	mg/L			13.13%
Sb	206.833	69.9	-0.0025585	0.00063611	mg/L			24.86%
Cr	206.158	135.9	0.0051367	0.00029392	mg/L			5.72%
Pb	220.353	16.4	-0.0030269	0.00054099	mg/L			17.87%
Ni	231.604	-13.1	-0.0006020	0.00010318	mg/L			17.14%
Tl	190.800	-68.9	0.0023550	0.00143118	mg/L			60.77%

1583

Calibration Summary

Method: PE1 Axial

Date: 8/16/05

11:56:07 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	145888.8	0.00000	0.999882
Al 308.215	3	Linear	5810.5	18340.9	0.00000	0.999962
Ba 233.527	3	Linear-thru-Zero	0.0	55437.1	0.00000	0.999701
Ca 315.887	3	Linear	35103.6	69675.2	0.00000	0.999817
Cd 226.502	3	Linear-thru-Zero	0.0	106786.5	0.00000	0.999862
Co 228.616	3	Linear	18.1	31393.2	0.00000	0.999845
Cu 324.754	3	Linear	7727.0	146965.5	0.00000	1.000000
Fe 273.955	3	Linear	1155.4	15971.0	0.00000	0.999880
Mg 279.079	3	Linear-thru-Zero	0.0	13066.1	0.00000	0.999983
Mn 257.610	3	Linear-thru-Zero	0.0	526386.9	0.00000	0.999844
Se 196.026	3	Linear	60.6	6093.4	0.00000	0.999925
V 292.402	3	Linear	360.6	171843.1	0.00000	0.999863
Zn 206.200	3	Linear	738.7	46077.4	0.00000	0.999552
Na 330.237	3	Linear	1228.9	846.8	0.00000	0.999156
Ti 334.941	3	Linear-thru-Zero	0.0	489044.1	0.00000	0.999968
Mo 202.030	3	Linear	-62.1	17150.9	0.00000	0.999930
Sn 189.933	3	Linear	-31.9	9467.1	0.00000	0.999960
Be 234.861	3	Linear-thru-Zero	0.0	525685.4	0.00000	0.999962
As 188.979	3	Linear	-24.3	2638.4	0.00000	0.999800
Sb 206.833	3	Linear	79.4	3691.4	0.00000	0.999920
Cr 206.158	3	Linear-thru-Zero	0.0	26466.0	0.00000	0.999406
Pb 220.353	3	Linear	31.2	4891.1	0.00000	0.999904
Ni 231.604	3	Linear-thru-Zero	0.0	21840.6	0.00000	0.999799
Tl 190.800	3	Linear	-72.9	1702.1	0.00000	0.999982

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6247A

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6247a

User: User1

Date: 8/16/05

11:56:07 AM

Method Description: 200.7/SW846

Mean Data

ID: 18916-001

Sample Qty: 1.0000 mL

Seq. No.: 1

Sample No.: 1

A/S Pos: 146

Prep. Vol.: 1.0 mL

Dilution: 1.0: 5.0

Data: Original

Date: 8/16/05 11:57:34 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-715.7	-0.0049060	0.00029191	mg/L	-0.0245302	0.00145955	mg/L	5.95%
Al 308.215	164757.4	8.66625	0.036219	mg/L	43.3313	0.18110	mg/L	0.42%
Ba 233.527	76328.9	1.37686	0.006208	mg/L	6.88428	0.031041	mg/L	0.45%
Ca 315.887	316939.7	4.04500	0.024914	mg/L	20.2250	0.12457	mg/L	0.62%
Cd 226.502	889.3	0.0042210	0.00005961	mg/L	0.0211052	0.00029806	mg/L	1.41%
Co 228.616	453.5	0.0138679	0.00003100	mg/L	0.0693393	0.00015500	mg/L	0.22%
Cu 324.754	65739.4	0.394735	0.0008921	mg/L	1.97367	0.004460	mg/L	0.23%
Fe 273.955	820909.8	51.3275	0.22246	mg/L	256.638	1.1123	mg/L	0.43%
Mg 279.079	52943.1	4.05194	0.020525	mg/L	20.2597	0.10263	mg/L	0.51%
Mn 257.610	434077.7	0.824636	0.0030046	mg/L	4.12318	0.015023	mg/L	0.36%
Se 196.026	-15.3	0.0029469	0.00165345	mg/L	0.0147344	0.00826727	mg/L	56.11%
V 292.402	4005.4	0.0289213	0.00024405	mg/L	0.144606	0.0012203	mg/L	0.84%
Zn 206.200	259103.6	5.60719	0.031670	mg/L	28.0360	0.15835	mg/L	0.56%
Na 330.237	-13621.0	-2.96786	0.051601	mg/L	-14.8393	0.25800	mg/L	1.74%
Ti 334.941	142636.5	0.291664	0.0007677	mg/L	1.45832	0.003838	mg/L	0.26%
Mo 202.030	-71.2	-0.0005318	0.00019167	mg/L	-0.0026590	0.00095834	mg/L	36.04%
Sn 189.933	212.3	0.0257942	0.00018453	mg/L	0.128971	0.0009226	mg/L	0.72%
Be 234.861	-4795.8	0.0001171	0.00005051	mg/L	0.0005857	0.00025256	mg/L	43.12%
As 188.979	76.3	0.0381230	0.00082023	mg/L	0.190615	0.0041012	mg/L	2.15%
Sb 206.833	87.4	0.0021766	0.00117041	mg/L	0.0108831	0.00585203	mg/L	53.77%
Cr 206.158	64.1	0.0391753	0.00071184	mg/L	0.195876	0.0035592	mg/L	1.82%
Pb 220.353	51052.4	10.4315	0.05389	mg/L	52.1573	0.26945	mg/L	0.52%
Ni 231.604	1365.7	0.0534210	0.00003949	mg/L	0.267105	0.0001975	mg/L	0.07%
Tl 190.800	-78.1	-0.0030585	0.00060624	mg/L	-0.0152927	0.00303122	mg/L	19.82%

Mean Data

ID: 18916-022

Seq. No.: 2

Sample No.: 2

A/S Pos: 147

1586

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0
 Data: Original Date: 8/16/05 12:01:19 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-785.2	-0.0053825	0.00021113	mg/L	-0.0269125	0.00105567	mg/L	3.92%
Al 308.215	153485.5	8.05167	0.044427	mg/L	40.2584	0.22214	mg/L	0.55%
Ba 233.527	82657.0	1.49101	0.006345	mg/L	7.45503	0.031724	mg/L	0.43%
Ca 315.887	1142111.1	15.8881	0.05426	mg/L	79.4405	0.27131	mg/L	0.34%
Cd 226.502	924.3	0.0050744	0.00003799	mg/L	0.0253718	0.00018994	mg/L	0.75%
Co 228.616	325.5	0.0097908	0.00011796	mg/L	0.0489542	0.00058979	mg/L	1.20%
Cu 324.754	74248.7	0.452635	0.0024427	mg/L	2.26317	0.012213	mg/L	0.54%
Fe 273.955	715962.9	44.7565	0.19974	mg/L	223.782	0.9987	mg/L	0.45%
Mg 279.079	52655.5	4.02993	0.016254	mg/L	20.1496	0.08127	mg/L	0.40%
Mn 257.610	291720.9	0.554195	0.0023852	mg/L	2.77097	0.011926	mg/L	0.43%
Se 196.026	-1.1	0.0033056	0.00033209	mg/L	0.0165280	0.00166047	mg/L	10.05%
V 292.402	4035.5	0.0281092	0.00011106	mg/L	0.140546	0.0005553	mg/L	0.40%
Zn 206.200	247070.6	5.34604	0.022339	mg/L	26.7302	0.11170	mg/L	0.42%
Na 330.237	-12973.2	-2.88137	0.074818	mg/L	-14.4068	0.37409	mg/L	2.60%
Ti 334.941	172345.3	0.1352413	0.0012833	mg/L	1.76206	0.006417	mg/L	0.36%
Mo 202.030	-72.1	-0.0005833	0.00021644	mg/L	-0.0029167	0.00108218	mg/L	37.10%
Sn 189.933	298.5	0.0349040	0.00070038	mg/L	0.174520	0.0035019	mg/L	2.01%
Be 234.861	-4222.5	0.0000248	0.00003760	mg/L	0.0001240	0.00018798	mg/L	151.57%
As 188.979	333.2	0.135508	0.0003708	mg/L	0.677541	0.0018540	mg/L	0.27%
Sb 206.833	99.3	0.0054003	0.00093217	mg/L	0.0270016	0.00466086	mg/L	17.26%
Cr 206.158	50.0	0.0369300	0.00076904	mg/L	0.184650	0.0038452	mg/L	2.08%
Pb 220.353	55585.8	11.3583	0.03637	mg/L	56.7916	0.18187	mg/L	0.32%
Ni 231.604	1268.1	0.0501199	0.00085023	mg/L	0.250599	0.0042512	mg/L	1.70%
Tl 190.800	-78.3	-0.0031888	0.00323273	mg/L	-0.0159442	0.01616364	mg/L	101.38%

Mean Data

ID: ICSA V-4505 Seq. No.: 3 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: 8/16/05 12:05:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-87.8	-0.0006020	0.00020082	mg/L				33.36%
Al 308.215	7787511.7	424.225	0.9599	mg/L				0.23%
Ba 233.527	-44.3	-0.0007989	0.00004989	mg/L				6.25%
Ca 315.887	29678217.9	425.447	1.4858	mg/L				0.35%
Cd 226.502	1264.4	-0.0017994	0.00009399	mg/L				5.22%
Co 228.616	162.4	0.0045953	0.00015337	mg/L				3.34%
Cu 324.754	7181.4	0.0031277	0.00021286	mg/L				6.81%
Fe 273.955	2723856.9	170.477	0.3438	mg/L				0.20%
Mg 279.079	6098905.6	466.772	1.6063	mg/L				0.34%
Mn 257.610	1454.0	0.0027623	0.00005141	mg/L				1.86%
Se 196.026	-234.4	-0.0038416	0.00001734	mg/L				0.45%
V 292.402	7310.2	0.0028156	0.00010272	mg/L				3.65%
Zn 206.200	917.8	0.0038861	0.00066341	mg/L				17.07%
Na 330.237	1807.7	-5.03370	0.024072	mg/L				0.48%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-372.8	-0.0007622	0.00002294	mg/L				3.01%
Mo 202.030	-220.8	-0.0024313	0.00015461	mg/L				6.36%
Sn 189.933	-89.6	-0.0060955	0.00102144	mg/L				16.76%
Be 234.861	-16280.1	-0.0002794	0.00010514	mg/L				37.63%
As 188.979	-59.9	-0.0032738	0.00180104	mg/L				55.01%
Sb 206.833	117.9	-0.0018390	0.00081809	mg/L				44.49%
Cr 206.158	225.2	-0.0127191	0.00024311	mg/L				1.91%
Pb 220.353	-174.5	-0.0034366	0.00012659	mg/L				3.68%
Ni 231.604	1043.4	0.0066841	0.00008738	mg/L				1.31%
Tl 190.800	-74.4	-0.0008834	0.00473185	mg/L				535.64%

Mean Data

ID: ICSAB V-4506 Seq. No.: 4 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: 8/16/05 12:09:03 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	146939.3	1.00720	0.006232	mg/L				0.62%
Al 308.215	7818115.7	425.894	0.6270	mg/L				0.15%

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Ba	233.527	24177.8	0.436130	0.0016128	mg/L	0.37%
Ca	315.887	29384867.9	421.237	0.5740	mg/L	0.14%
Cd	226.502	97238.1	0.896881	0.0026117	mg/L	0.29%
Co	228.616	14397.7	0.458047	0.0003666	mg/L	0.08%
Cu	324.754	78100.8	0.485718	0.0031715	mg/L	0.65%
Fe	273.955	2736371.0	171.261	0.5550	mg/L	0.32%
Mg	279.079	6346418.9	485.716	2.2309	mg/L	0.46%
Mn	257.610	240950.9	0.457745	0.0024742	mg/L	0.54%
Se	196.026	5523.6	0.941322	0.0080334	mg/L	0.85%
V	292.402	82909.9	0.440301	0.0017099	mg/L	0.39%
Zn	206.200	40657.3	0.866337	0.0012690	mg/L	0.15%
Na	330.237	-663.8	-5.75621	0.026384	mg/L	0.46%
*QC exceeds lower limit for Na 330.237 Action = Continue						
Ti	334.941	-251.1	-0.0005135	0.00000631	mg/L	1.23%
Mo	202.030	-193.7	-0.0008195	0.00022711	mg/L	27.71%
Sn	189.933	-80.1	-0.0050871	0.00088370	mg/L	17.37%
Be	234.861	238564.1	0.484646	0.0029590	mg/L	0.61%
As	188.979	2579.9	0.997312	0.0009686	mg/L	0.10%
Sb	206.833	3684.4	0.964287	0.0002248	mg/L	0.02%
Cr	206.158	12562.4	0.459031	0.0012929	mg/L	0.28%
Pb	220.353	4283.2	0.907995	0.0042448	mg/L	0.47%
Ni	231.604	20399.3	0.892738	0.0016314	mg/L	0.18%
Tl	190.800	1535.4	0.944897	0.0006870	mg/L	0.07%

Mean Data

ID: CCV V-4510 Seq. No.: 5 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Date: Original Date: 8/16/05 12:12:17 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	68467.2	0.469311	0.0043722	mg/L			0.93%
Al	308.215	93633.3	4.78835	0.060658	mg/L			1.27%
Ba	233.527	26505.5	0.478118	0.0055481	mg/L			1.16%
Ca	315.887	3413679.4	48.4903	0.31229	mg/L			0.64%
Cd	226.502	53029.4	0.496593	0.0033200	mg/L			0.67%
Co	228.616	15793.4	0.502504	0.0002662	mg/L			0.05%
Cu	324.754	77864.4	0.477237	0.0065307	mg/L			1.37%
Fe	273.955	81292.1	5.01762	0.043076	mg/L			0.86%
Mg	279.079	645988.9	49.4400	0.43125	mg/L			0.87%
Mn	257.610	266843.4	0.506934	0.0046787	mg/L			0.92%
Se	196.026	3158.8	0.508459	0.0002505	mg/L			0.05%
V	292.402	84625.0	0.483658	0.0042749	mg/L			0.88%
Zn	206.200	24557.4	0.516927	0.0030574	mg/L			0.59%
Na	330.237	38847.0	45.7673	0.49344	mg/L			1.08%
Ti	334.941	242213.9	0.495280	0.0058636	mg/L			1.18%
Mo	202.030	8219.9	0.482891	0.0004669	mg/L			0.10%
Sn	189.933	4520.6	0.480871	0.0001549	mg/L			0.03%
Be	234.861	267085.8	0.508072	0.0048192	mg/L			0.95%
As	188.979	1322.4	0.510443	0.0033155	mg/L			0.65%
Sb	206.833	1934.1	0.502446	0.0021785	mg/L			0.43%
Cr	206.158	13294.5	0.502325	0.0048821	mg/L			0.97%
Pb	220.353	2399.8	0.484272	0.0014401	mg/L			0.30%
Ni	231.604	10626.0	0.486525	0.0007150	mg/L			0.15%
Tl	190.800	773.8	0.502851	0.0020785	mg/L			0.41%

Mean Data

ID: CCB Seq. No.: 6 Sample No.: 6 A/S Pos: 1
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Date: Original Date: 8/16/05 12:15:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-478.2	-0.0032775	0.00015748	mg/L			4.80%
Al	308.215	6118.0	0.0167684	0.00695994	mg/L			41.51%
Ba	233.527	4.4	0.0000795	0.00005913	mg/L			74.41%
Ca	315.887	9495.7	-0.367532	0.0171055	mg/L			4.65%
Cd	226.502	-174.8	-0.0016374	0.00006690	mg/L			4.09%
Co	228.616	-84.6	-0.0032741	0.00000514	mg/L			0.16%
Cu	324.754	8127.4	0.0027246	0.00034863	mg/L			12.80%
Fe	273.955	702.7	-0.0283435	0.00262341	mg/L			9.26%
Mg	279.079	1320.1	0.101032	0.0126516	mg/L			12.52%

Mn 257.610	751.5	0.0014277	0.00002439	mg/L	1.71%
Se 196.026	48.3	-0.0020161	0.00075664	mg/L	37.53%
V 292.402	-182.8	-0.0031621	0.00012224	mg/L	3.87%
Zn 206.200	473.1	-0.0057649	0.00020689	mg/L	3.59%
Na 330.237	1890.1	0.780893	0.0381476	mg/L	4.89%
*QC exceeds upper limit for Na 330.237 Action = Continue					
Ti 334.941	123.5	0.0002526	0.00000396	mg/L	1.57%
Mo 202.030	-98.8	-0.0021408	0.00022644	mg/L	10.58%
Sn 189.933	-41.1	-0.0009724	0.00002062	mg/L	2.12%
Be 234.861	-334.6	-0.0006366	0.00003111	mg/L	4.89%
As 188.979	-37.0	-0.0048199	0.00102810	mg/L	21.33%
Sb 206.833	67.3	-0.0032694	0.00040482	mg/L	12.38%
Cr 206.158	139.1	0.0052552	0.00027605	mg/L	5.25%
Pb 220.353	16.0	-0.0031233	0.00115890	mg/L	37.11%
Ni 231.604	-3.7	-0.0001676	0.00026081	mg/L	155.61%
Tl 190.800	-66.4	0.0037992	0.00263062	mg/L	69.24%

1) Data file: S6247A.

Bakch 6247 / 6246 (8/16/05)

Method: PE1 Axial

Page 1

Date: 8/16/05

9:10:15 AM

Analyst: *Shiranaul Patel* 8/16/05

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6247A

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6247a

User: User1

Date: 8/16/05

9:01:55 AM

Method Description: 200.7/SW846

2nd Rev: All 8/16/05

Mean Data

ID: Calib Blank 1

Seq. No.: 1

Data: Original

A/S Pos: 1

Date: 8/16/05

9:03:37 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-531.3	11.47	2.16%	0	mg/L
Al 308.215	6466.5	12.28	0.19%	0	mg/L
Ba 233.527	72.4	6.83	9.43%	0	mg/L
Ca 315.887	12011.3	138.74	1.16%	0	mg/L
Cd 226.502	-142.2	5.94	4.18%	0	mg/L
Co 228.616	-91.9	3.87	4.22%	0	mg/L
Cu 324.754	7750.7	51.71	0.67%	0	mg/L
Fe 273.955	836.9	198.78	23.75%	0	mg/L
Mg 279.079	1503.0	34.90	2.32%	0	mg/L
Mn 257.610	720.7	90.05	12.49%	0	mg/L
Se 196.026	45.9	3.56	7.75%	0	mg/L
V 292.402	-165.5	6.06	3.66%	0	mg/L
Zn 206.200	452.0	33.14	7.33%	0	mg/L
Na 330.237	1951.8	20.77	1.06%	0	mg/L
Ti 334.941	150.5	42.47	28.21%	0	mg/L
Mo 202.030	-104.6	2.00	1.91%	0	mg/L
Sn 189.933	-49.0	2.12	4.32%	0	mg/L
Be 234.861	-338.3	7.73	2.29%	0	mg/L
As 188.979	-34.7	0.11	0.33%	0	mg/L
Sb 206.833	69.5	0.18	0.26%	0	mg/L
Cr 206.158	140.5	1.47	1.05%	0	mg/L
Pb 220.353	20.7	8.07	39.04%	0	mg/L
Ni 231.604	-6.1	4.91	80.29%	0	mg/L
Tl 190.800	-74.2	1.03	1.39%	0	mg/L

Mean Data

ID: Calib Std 1

Seq. No.: 2

Data: Original

A/S Pos: 160

Date: 8/16/05

9:06:37 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	898.0	50.26	5.60%	0.010	mg/L
Al 308.215	7490.8	21.66	0.29%	0.10	mg/L
Ba 233.527	636.2	6.39	1.01%	0.010	mg/L
Ca 315.887	80716.5	909.57	1.13%	1.0	mg/L
Cd 226.502	953.4	6.60	0.69%	0.010	mg/L
Co 228.616	246.8	0.96	0.39%	0.010	mg/L
Cu 324.754	9217.4	41.73	0.45%	0.010	mg/L
Fe 273.955	2199.2	38.44	1.75%	0.10	mg/L
Mg 279.079	14061.8	198.31	1.41%	1.0	mg/L
Mn 257.610	6146.9	32.40	0.53%	0.010	mg/L
Se 196.026	109.8	10.96	9.98%	0.010	mg/L
V 292.402	1599.5	56.90	3.56%	0.010	mg/L
Zn 206.200	999.5	1.69	0.17%	0.010	mg/L
Na 330.237	2580.8	17.72	0.69%	1.0	mg/L
Ti 334.941	5053.3	80.17	1.59%	0.010	mg/L
Mo 202.030	80.3	2.02	2.51%	0.010	mg/L
Sn 189.933	49.9	3.95	7.90%	0.010	mg/L
Be 234.861	4936.3	7.18	0.15%	0.010	mg/L
As 188.979	-6.2	3.59	58.27%	0.010	mg/L
Sb 206.833	109.6	3.06	2.79%	0.010	mg/L
Cr 206.158	413.7	0.81	0.20%	0.010	mg/L
Pb 220.353	66.7	4.40	6.59%	0.010	mg/L
Ni 231.604	231.1	8.58	3.71%	0.010	mg/L
Tl 190.800	-58.2	2.37	4.07%	0.010	mg/L

6247

*All elements were reported,
18916-022-50 Pb.
all the others ran 5mg/L*

Mean Data

ID: Calib Std 2

Seq. No.: 3

Data: Original

A/S Pos: 3

Date: 8/16/05

9:09:45 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	71369.0	227.21	0.32%	0.50	mg/L
Al 308.215	96507.5	186.34	0.19%	5.0	mg/L
Ba 233.527	28715.0	86.72	0.30%	0.50	mg/L
Ca 315.887	3612694.0	5276.02	0.15%	50	mg/L
Cd 226.502	54698.8	57.73	0.11%	0.50	mg/L
Co 228.616	16103.6	23.66	0.15%	0.50	mg/L
Cu 324.754	81121.6	48.47	0.06%	0.50	mg/L
Fe 273.955	82743.1	18.27	0.02%	5.0	mg/L
Pg 279.079	658832.5	594.35	0.09%	50	mg/L
Mn 257.610	269995.0	244.46	0.09%	0.50	mg/L
Se 196.026	3159.7	6.71	0.21%	0.50	mg/L
V 292.402	88283.8	259.73	0.29%	0.50	mg/L
Zn 206.200	24746.7	80.73	0.33%	0.50	mg/L
Na 330.237	41122.5	149.05	0.36%	50	mg/L
Ti 334.941	247395.1	376.48	0.15%	0.50	mg/L
Mo 202.030	8655.9	2.18	0.03%	0.50	mg/L
Sn 189.933	4761.2	18.89	0.40%	0.50	mg/L
Be 234.861	266201.8	107.81	0.04%	0.50	mg/L
As 188.979	1332.0	1.67	0.13%	0.50	mg/L
Sb 206.833	1957.9	3.55	0.18%	0.50	mg/L
Cr 206.158	13891.7	7.60	0.05%	0.50	mg/L
Pb 220.353	2524.4	4.17	0.17%	0.50	mg/L
Ni 231.604	11242.9	25.46	0.23%	0.50	mg/L
Tl 190.800	785.4	8.31	1.06%	0.50	mg/L

Mean Data

ID: Calib Std 3

Seq. No.: 4
Data: Original

A/S Pos: 2
Date: 8/16/05 9:12:45 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	146682.1	921.19	0.63%	1.0	mg/L
Al 308.215	189724.9	1613.00	0.85%	10	mg/L
Ba 233.527	54938.1	230.62	0.42%	1.0	mg/L
Ca 315.887	6955954.8	26740.14	0.38%	100	mg/L
Cd 226.502	106134.9	354.60	0.33%	1.0	mg/L
Co 228.616	31217.8	57.76	0.19%	1.0	mg/L
Cu 324.754	154736.4	1427.82	0.92%	1.0	mg/L
Fe 273.955	160005.2	899.89	0.56%	10	mg/L
Pg 279.079	1303839.1	6521.38	0.50%	100	mg/L
Mn 257.610	522977.2	2868.80	0.55%	1.0	mg/L
Se 196.026	6127.8	2.32	0.04%	1.0	mg/L
V 292.402	171207.7	965.12	0.56%	1.0	mg/L
Zn 206.200	46333.5	114.27	0.25%	1.0	mg/L
Na 330.237	87126.3	934.29	1.07%	100	mg/L
Ti 334.941	487606.0	3449.90	0.71%	1.0	mg/L
Mo 202.030	17017.8	13.61	0.08%	1.0	mg/L
Sn 189.933	9405.6	4.21	0.04%	1.0	mg/L
Be 234.861	524009.1	3129.40	0.60%	1.0	mg/L
As 188.979	2595.6	8.41	0.32%	1.0	mg/L
Sb 206.833	3754.4	18.62	0.50%	1.0	mg/L
Cr 206.158	26135.1	88.08	0.34%	1.0	mg/L
Pb 220.353	4898.6	19.72	0.40%	1.0	mg/L
Ni 231.604	21679.1	21.50	0.10%	1.0	mg/L
Tl 190.800	1625.7	7.35	0.45%	1.0	mg/L

Calibration Summary

Method: PE1 Axial

Date: 8/16/05 9:13:12 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	145888.8	0.00000	0.999882
Al 308.215	3	Linear	5810.5	18340.9	0.00000	0.999962
Ba 233.527	3	Linear-thru-Zero	0.0	55437.1	0.00000	0.999701
Ca 315.887	3	Linear	35103.6	69675.2	0.00000	0.999817
Cd 226.502	3	Linear-thru-Zero	0.0	106786.5	0.00000	0.999862
Co 228.616	3	Linear	18.1	31393.2	0.00000	0.999845
Cu 324.754	3	Linear	7727.0	146965.5	0.00000	1.000000

Element	Conc.	Linearity	1155.4	15971.0	0.00000	0.999880
Fe 273.955	3	Linear	1155.4	15971.0	0.00000	0.999880
Mg 279.079	3	Linear-thru-Zero	0.0	13066.1	0.00000	0.999983
Mn 257.610	3	Linear-thru-Zero	0.0	526386.9	0.00000	0.999844
Se 196.026	3	Linear	60.6	6093.4	0.00000	0.999925
V 292.402	3	Linear	360.6	171843.1	0.00000	0.999863
Zn 206.200	3	Linear	738.7	46077.4	0.00000	0.999552
Na 330.237	3	Linear	1228.9	846.8	0.00000	0.999156
Ti 334.941	3	Linear-thru-Zero	0.0	489044.1	0.00000	0.999968
Mo 202.030	3	Linear	-62.1	17150.9	0.00000	0.999930
Sn 189.933	3	Linear	-31.9	9467.1	0.00000	0.999960
Be 234.861	3	Linear-thru-Zero	0.0	525685.4	0.00000	0.999962
As 188.979	3	Linear	-24.3	2638.4	0.00000	0.999800
Sb 206.833	3	Linear	79.4	3691.4	0.00000	0.999920
Cr 206.158	3	Linear-thru-Zero	0.0	26466.0	0.00000	0.999406
Pb 220.353	3	Linear	31.2	4891.1	0.00000	0.999904
Ni 231.604	3	Linear-thru-Zero	0.0	21840.6	0.00000	0.999799
Tl 190.800	3	Linear	-72.9	1702.1	0.00000	0.999982

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: 8/16/05 9:15:32 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	145681.6	0.998580	0.0023441	mg/L				0.23%
Al 308.215	188455.8	9.95836	0.034834	mg/L				0.35%
Ba 233.527	54296.6	0.979428	0.0031262	mg/L				0.32%
Ca 315.887	6900672.3	98.5367	0.13086	mg/L				0.13%
Cd 226.502	105432.8	0.987324	0.0019923	mg/L				0.20%
Co 228.616	31320.4	0.997101	0.0055809	mg/L				0.56%
Cu 324.754	153419.5	0.991338	0.0050880	mg/L				0.51%
Fe 273.955	159361.6	9.90581	0.024394	mg/L				0.25%
Mg 279.079	1298893.0	99.4092	0.24902	mg/L				0.25%
Mn 257.610	521900.4	0.991477	0.0029974	mg/L				0.30%
Se 196.026	6172.5	1.00305	0.006182	mg/L				0.62%
V 292.402	170056.8	0.979583	0.0020473	mg/L				0.21%
Zn 206.200	46360.8	0.990119	0.0063353	mg/L				0.64%
Na 330.237	86354.6	103.636	0.2673	mg/L				0.26%
Ti 334.941	486505.1	0.994808	0.0032118	mg/L				0.32%
Mo 202.030	17058.7	0.998242	0.0038466	mg/L				0.39%
Sn 189.933	9451.1	1.00168	0.007697	mg/L				0.77%
Be 234.861	523204.5	0.995281	0.0025415	mg/L				0.26%
As 188.979	2607.0	0.997322	0.0070340	mg/L				0.71%
Sb 206.833	3784.8	1.00367	0.005277	mg/L				0.53%
Cr 206.158	26148.9	0.994510	0.0052155	mg/L				0.52%
Pb 220.353	4890.6	0.993511	0.0044688	mg/L				0.45%
Ni 231.604	21675.0	0.992418	0.0027684	mg/L				0.28%
Tl 190.800	1635.2	1.01446	0.005548	mg/L				0.55%

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: 8/16/05 9:18:37 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	144509.1	0.993052	0.0099200	mg/L				1.00%
Al 308.215	186974.9	9.87761	0.057185	mg/L				0.58%
Ba 233.527	53948.3	0.973145	0.0023141	mg/L				0.24%
Ca 315.887	6875972.7	98.1822	1.18764	mg/L				1.21%
Cd 226.502	105247.8	0.985590	0.0041749	mg/L				0.42%
Co 228.616	31897.3	1.01548	0.004533	mg/L				0.45%
Cu 324.754	151803.2	0.980341	0.0079737	mg/L				0.81%
Fe 273.955	158892.6	9.87644	0.054962	mg/L				0.56%
Mg 279.079	1300604.0	99.5402	1.18813	mg/L				1.19%
Mn 257.610	523395.5	0.994317	0.0120613	mg/L				1.21%
Se 196.026	6158.5	1.00075	0.004242	mg/L				0.42%
V 292.402	168739.8	0.971865	0.0047040	mg/L				0.48%
Zn 206.200	47519.2	1.01526	0.002458	mg/L				0.24%
Na 330.237	85850.9	103.107	0.5794	mg/L				0.56%
Ti 334.941	486443.7	0.994683	0.0126706	mg/L				1.27%

Mo	202.030	16947.2	0.991744	0.0025335	mg/L	0.26%
Sn	189.933	9395.2	0.995777	0.0035054	mg/L	0.35%
Be	234.861	525424.9	0.999504	0.0112205	mg/L	1.12%
As	188.979	2596.7	0.993400	0.0027797	mg/L	0.28%
Sb	206.833	3757.5	0.996119	0.0029170	mg/L	0.29%
Cr	206.158	26464.8	1.00661	0.005081	mg/L	0.50%
Pb	220.353	4864.5	0.988187	0.0012725	mg/L	0.13%
Ni	231.604	21633.3	0.990507	0.0020303	mg/L	0.20%
Tl	190.800	1641.0	1.01786	0.001547	mg/L	0.15%

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: 8/16/05 9:21:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	-499.1	-0.0034214	0.00004066	mg/L			1.19%
Al	308.215	6092.1	0.0153570	0.00354655	mg/L			23.09%
Ba	233.527	26.9	0.0004856	0.00000683	mg/L			1.41%
Ca	315.887	9236.4	-0.371254	0.0038507	mg/L			1.04%
Cd	226.502	-157.4	-0.0014742	0.00006919	mg/L			4.69%
Co	228.616	-82.8	-0.0032148	0.00003845	mg/L			1.20%
Cu	324.754	8246.9	0.0035373	0.00023318	mg/L			6.59%
Fe	273.955	486.8	-0.0418650	0.00167796	mg/L			4.01%
Mg	279.079	913.2	0.0698898	0.00101670	mg/L			1.45%
Mn	257.610	591.1	0.0011230	0.00001247	mg/L			1.11%
Se	196.026	50.9	-0.0015884	0.00043953	mg/L			27.67%
V	292.402	-167.8	-0.0030750	0.00012130	mg/L			3.94%
Zn	206.200	390.2	-0.0075627	0.00012949	mg/L			1.71%
Na	330.237	1927.2	0.824661	0.0224175	mg/L			2.72%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti	334.941	152.6	0.0003121	0.00003424	mg/L			10.97%
Mo	202.030	-103.5	-0.0024162	0.00061462	mg/L			25.44%
Sn	189.933	-20.8	0.0011730	0.00009260	mg/L			7.89%
Be	234.861	-307.6	-0.0005852	0.00003139	mg/L			5.37%
As	188.979	-36.0	-0.0044309	0.00007759	mg/L			1.75%
Sb	206.833	70.3	-0.0024471	0.00080854	mg/L			33.04%
Cr	206.158	140.5	0.0053074	0.00006834	mg/L			1.29%
Pb	220.353	15.2	-0.0032807	0.00015292	mg/L			4.66%
Ni	231.604	0.9	0.0000407	0.00001926	mg/L			47.36%
Tl	190.800	-68.3	0.0027005	0.00195137	mg/L			72.26%

Mean Data

ID: ICESA 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: 8/16/05 9:25:11 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag	328.068	14.9	0.0001022	0.00042102	mg/L			412.07%
Al	308.215	8024562.9	437.149	2.8086	mg/L			0.64%
Ba	233.527	-21.2	-0.0003821	0.00019463	mg/L			50.94%
Ca	315.887	30196021.5	432.879	2.6113	mg/L			0.60%
Cd	226.502	1444.3	-0.0003741	0.00033586	mg/L			89.78%
Co	228.616	175.5	0.0050113	0.00005168	mg/L			1.03%
Cu	324.754	7193.3	0.0033386	0.00036182	mg/L			10.84%
Fe	273.955	2775511.6	173.712	0.6628	mg/L			0.38%
Mg	279.079	6346688.1	485.736	3.1591	mg/L			0.65%
Mn	257.610	1495.9	0.0028419	0.00006213	mg/L			2.19%
Se	196.026	-249.3	-0.0055129	0.00129087	mg/L			23.42%
V	292.402	7221.5	0.0002159	0.00120428	mg/L			557.68%
Zn	206.200	754.7	0.0003475	0.00010743	mg/L			30.91%
Na	330.237	1812.5	-5.18224	0.013179	mg/L			0.25%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti	334.941	-371.0	-0.0007585	0.00009987	mg/L			13.17%
Mo	202.030	-229.3	-0.0027955	0.00010734	mg/L			3.84%
Sn	189.933	-75.7	-0.0046299	0.00059752	mg/L			12.91%
Be	234.861	-16097.6	0.0006500	0.00000294	mg/L			0.45%
As	188.979	-61.3	-0.0035920	0.00117028	mg/L			32.58%
Sb	206.833	121.7	-0.0011871	0.00260703	mg/L			219.61%
Cr	206.158	245.7	-0.0125890	0.00007352	mg/L			0.58%

Pb 220.353	-184.3	-0.0043635	0.00151629 mg/L	34.75%
Ni 231.604	1080.8	0.0074935	0.00013910 mg/L	1.86%
Tl 190.800	-75.0	-0.0012147	0.00505752 mg/L	416.35%

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: 8/16/05 9:28:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	150980.2	1.03490	0.004745	mg/L				0.46%
Al 308.215	8097121.8	441.055	0.6599	mg/L				0.15%
Ba 233.527	25030.5	0.451511	0.0014434	mg/L				0.32%
Ca 315.887	30172690.4	432.544	0.5473	mg/L				0.13%
Cd 226.502	98805.3	0.911325	0.0052500	mg/L				0.58%
Co 228.616	14761.3	0.469627	0.0003079	mg/L				0.07%
Cu 324.754	79281.3	0.493866	0.0019610	mg/L				0.40%
Fe 273.955	2782709.6	174.162	0.7807	mg/L				0.45%
Mg 279.079	6543908.4	500.830	0.5292	mg/L				0.11%
Mn 257.610	246250.0	0.467812	0.0021327	mg/L				0.46%
Se 196.026	5539.1	0.944502	0.0033493	mg/L				0.35%
V 292.402	84832.4	0.449877	0.0015621	mg/L				0.35%
Zn 206.200	41346.3	0.881290	0.0018156	mg/L				0.21%
Na 330.237	-689.2	-5.90893	0.094599	mg/L				1.60%
QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-214.0	-0.0004375	0.00000000	mg/L				0.00%
Mo 202.030	-219.3	-0.0021984	0.00062552	mg/L				28.45%
Sn 189.933	-92.2	-0.0063721	0.00040160	mg/L				6.30%
Be 234.861	241149.5	0.490087	0.0019604	mg/L				0.40%
As 188.979	2601.8	1.00579	0.007995	mg/L				0.79%
Sb 206.833	3771.4	0.987412	0.0016957	mg/L				0.17%
Cr 206.158	12909.0	0.471464	0.0015912	mg/L				0.34%
Pb 220.353	4421.5	0.937584	0.0047350	mg/L				0.51%
Ni 231.604	20963.8	0.917680	0.0008509	mg/L				0.09%
Tl 190.800	1574.0	0.967560	0.0147563	mg/L				1.53%

Mean Data

ID: MB 6247 (100) Seq. No.: 10 Sample No.: 1 A/S Pos: 117
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 9:31:48 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-589.5	-0.0040407	0.00086160	mg/L	-0.0040407	0.00086160	mg/L	21.32%
Al 308.215	81993.4	4.15372	0.046257	mg/L	4.15372	0.046257	mg/L	1.11%
Ba 233.527	112.8	0.0020349	0.00001562	mg/L	0.0020349	0.00001562	mg/L	0.77%
Ca 315.887	36195.9	0.0156773	0.00119686	mg/L	0.0156773	0.00119686	mg/L	7.63%
Cd 226.502	-116.9	-0.0010946	0.00019340	mg/L	-0.0010946	0.00019340	mg/L	17.67%
Co 228.616	-82.0	-0.0031885	0.00007609	mg/L	-0.0031885	0.00007609	mg/L	2.39%
Cu 324.754	9933.5	0.0150135	0.00040885	mg/L	0.0150135	0.00040885	mg/L	2.72%
Fe 273.955	3249.3	0.131107	0.0086161	mg/L	0.131107	0.0086161	mg/L	6.57%
Mg 279.079	2469.9	0.189034	0.0131487	mg/L	0.189034	0.0131487	mg/L	6.96%
Mn 257.610	8524.6	0.0161945	0.00021583	mg/L	0.0161945	0.00021583	mg/L	1.33%
Se 196.026	62.0	0.0002397	0.00213879	mg/L	0.0002397	0.00213879	mg/L	892.23%
V 292.402	-24.9	-0.0022432	0.00016330	mg/L	-0.0022432	0.00016330	mg/L	7.28%
Zn 206.200	787.5	0.0010594	0.00001201	mg/L	0.0010594	0.00001201	mg/L	1.13%
Na 330.237	2530.2	1.53676	0.131451	mg/L	1.53676	0.131451	mg/L	8.55%
Ti 334.941	1482.9	0.0030323	0.00026102	mg/L	0.0030323	0.00026102	mg/L	8.61%
Mo 202.030	-109.3	-0.0027504	0.00022471	mg/L	-0.0027504	0.00022471	mg/L	8.17%
Sn 189.933	381.8	0.0436987	0.00039363	mg/L	0.0436987	0.00039363	mg/L	0.90%
Be 234.861	-235.6	-0.0004483	0.00001036	mg/L	-0.0004483	0.00001036	mg/L	2.31%
As 188.979	-34.7	-0.0039474	0.00070426	mg/L	-0.0039474	0.00070426	mg/L	17.84%
Sb 206.833	81.7	0.0006360	0.00155103	mg/L	0.0006360	0.00155103	mg/L	243.88%
Cr 206.158	458.3	0.0173149	0.00010106	mg/L	0.0173149	0.00010106	mg/L	0.58%
Pb 220.353	17.1	-0.0028794	0.00067873	mg/L	-0.0028794	0.00067873	mg/L	23.57%
Ni 231.604	42.9	0.0019644	0.00009518	mg/L	0.0019644	0.00009518	mg/L	4.85%
Tl 190.800	-80.5	-0.0044973	0.00117700	mg/L	-0.0044973	0.00117700	mg/L	26.17%

Mean Data

ID: LCS 100 Seq. No.: 11 Sample No.: 2 A/S Pos: 118
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

153

Data: Original

Date: 8/16/05

9:34:50 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68199.5	0.467476	0.0045215	mg/L	0.467476	0.0045215	mg/L	0.97%
Al 308.215	143322.7	7.49757	0.091349	mg/L	7.49757	0.091349	mg/L	1.22%
Ba 233.527	26345.8	0.475237	0.0060351	mg/L	0.475237	0.0060351	mg/L	1.27%
Ca 315.887	3374233.6	47.9242	0.60192	mg/L	47.9242	0.60192	mg/L	1.26%
Cd 226.502	51676.0	0.483919	0.0052563	mg/L	0.483919	0.0052563	mg/L	1.09%
Co 228.616	15350.3	0.488392	0.0000356	mg/L	0.488392	0.0000356	mg/L	0.01%
Cu 324.754	78032.8	0.478383	0.0045885	mg/L	0.478383	0.0045885	mg/L	0.96%
Fe 273.955	81763.9	5.04716	0.067559	mg/L	5.04716	0.067559	mg/L	1.34%
Mg 279.079	630645.6	48.2657	0.63329	mg/L	48.2657	0.63329	mg/L	1.31%
Mn 257.610	276450.5	0.525185	0.0067202	mg/L	0.525185	0.0067202	mg/L	1.28%
Se 196.026	2900.5	0.466065	0.0003237	mg/L	0.466065	0.0003237	mg/L	0.07%
V 292.402	83125.2	0.475090	0.0048011	mg/L	0.475090	0.0048011	mg/L	1.01%
Zn 206.200	24808.2	0.522372	0.0076841	mg/L	0.522372	0.0076841	mg/L	1.47%
Na 330.237	38533.1	45.4107	0.52286	mg/L	45.4107	0.52286	mg/L	1.15%
Ti 334.941	248543.4	0.508223	0.0066235	mg/L	0.508223	0.0066235	mg/L	1.30%
Mo 202.030	8328.0	0.489190	0.0011482	mg/L	0.489190	0.0011482	mg/L	0.23%
Sn 189.933	4899.0	0.520847	0.0007200	mg/L	0.520847	0.0007200	mg/L	0.14%
Be 234.861	253444.9	0.482123	0.0058883	mg/L	0.482123	0.0058883	mg/L	1.22%
As 188.979	1238.0	0.478446	0.0013728	mg/L	0.478446	0.0013728	mg/L	0.29%
Sb 206.833	1852.1	0.480230	0.0017362	mg/L	0.480230	0.0017362	mg/L	0.36%
Cr 206.158	13220.7	0.499536	0.0049836	mg/L	0.499536	0.0049836	mg/L	1.00%
Pb 220.353	2363.8	0.476896	0.0001719	mg/L	0.476896	0.0001719	mg/L	0.04%
Ni 231.604	10495.0	0.480528	0.0005752	mg/L	0.480528	0.0005752	mg/L	0.12%
Tl 190.800	746.0	0.486700	0.0003929	mg/L	0.486700	0.0003929	mg/L	0.08%

Mean Data

ID: LCS 100 MR
Sample Qty: 1.0000 mL

Seq. No.: 12
Prep. Vol.:
Data: Original

Sample No.: 3
1.0 mL

A/S Pos: 119
Dilution: 1.0: 1.0
Date: 8/16/05 9:38:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71134.6	0.487595	0.0010206	mg/L	0.487595	0.0010206	mg/L	0.21%
Al 308.215	104734.1	5.39360	0.014507	mg/L	5.39360	0.014507	mg/L	0.27%
Ba 233.527	26593.1	0.479699	0.0035580	mg/L	0.479699	0.0035580	mg/L	0.74%
Ca 315.887	3427035.1	48.6820	0.41797	mg/L	48.6820	0.41797	mg/L	0.86%
Cd 226.502	52738.2	0.493865	0.0034971	mg/L	0.493865	0.0034971	mg/L	0.71%
Co 228.616	15717.5	0.500089	0.0017816	mg/L	0.500089	0.0017816	mg/L	0.36%
Cu 324.754	78903.3	0.484306	0.0010835	mg/L	0.484306	0.0010835	mg/L	0.22%
Fe 273.955	80957.7	4.99668	0.032699	mg/L	4.99668	0.032699	mg/L	0.65%
Mg 279.079	641897.8	49.1269	0.37550	mg/L	49.1269	0.37550	mg/L	0.76%
Mn 257.610	270618.7	0.514106	0.0034744	mg/L	0.514106	0.0034744	mg/L	0.68%
Se 196.026	2963.4	0.476389	0.0020715	mg/L	0.476389	0.0020715	mg/L	0.43%
V 292.402	84700.7	0.484141	0.0024747	mg/L	0.484141	0.0024747	mg/L	0.51%
Zn 206.200	24363.8	0.512725	0.0059256	mg/L	0.512725	0.0059256	mg/L	1.16%
Na 330.237	39320.2	46.3151	0.04049	mg/L	46.3151	0.04049	mg/L	0.09%
Ti 334.941	243818.3	0.498561	0.0015368	mg/L	0.498561	0.0015368	mg/L	0.31%
Mo 202.030	8311.9	0.488254	0.0015035	mg/L	0.488254	0.0015035	mg/L	0.31%
Sn 189.933	4913.7	0.522398	0.0000942	mg/L	0.522398	0.0000942	mg/L	0.02%
Be 234.861	259227.4	0.493123	0.0039710	mg/L	0.493123	0.0039710	mg/L	0.81%
As 188.979	1268.3	0.489935	0.0032765	mg/L	0.489935	0.0032765	mg/L	0.67%
Sb 206.833	1899.2	0.492997	0.0000697	mg/L	0.492997	0.0000697	mg/L	0.01%
Cr 206.158	13368.1	0.505107	0.0055678	mg/L	0.505107	0.0055678	mg/L	1.10%
Pb 220.353	2415.6	0.487484	0.0008963	mg/L	0.487484	0.0008963	mg/L	0.18%
Ni 231.604	10695.0	0.489684	0.0012237	mg/L	0.489684	0.0012237	mg/L	0.25%
Tl 190.800	762.6	0.496346	0.0044579	mg/L	0.496346	0.0044579	mg/L	0.90%

Mean Data

ID: 18922-001
Sample Qty: 1.0000 mL

Seq. No.: 13
Prep. Vol.:
Data: Original

Sample No.: 4
1.0 mL

A/S Pos: 120
Dilution: 1.0: 1.0
Date: 8/16/05 9:42:33 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1038.2	-0.0071162	0.00039877	mg/L	-0.0071162	0.00039877	mg/L	5.60%
Al 308.215	391866.7	21.0489	0.17444	mg/L	21.0489	0.17444	mg/L	0.83%
Ba 233.527	17292.1	0.311923	0.0019149	mg/L	0.311923	0.0019149	mg/L	0.61%
Ca 315.887	294330.0	3.72050	0.036054	mg/L	3.72050	0.036054	mg/L	0.97%

Table with 9 columns: Element, Mean Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., Sample Units, RSD. Rows include Cd, Co, Cu, Fe, Mg, Mn, Se, V, Zn, Na, Ti, Mo, Sn, Be, As, Sb, Cr, Pb, Ni, Tl.

Mean Data ID: 18922-001 MR Seq. No.: 14 Sample No.: 5 A/S Pos: 121 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0 Data: Original Date: 8/16/05 9:45:39 AM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., Sample Units, RSD. Rows include Ag, Al, Ba, Ca, Cd, Co, Cu, Fe, Mg, Mn, Se, V, Zn, Na, Ti, Mo, Sn, Be, As, Sb, Cr, Pb, Ni, Tl.

Mean Data ID: 18922-001 MS 1 Seq. No.: 15 Sample No.: 6 A/S Pos: 122 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0 Data: Original Date: 8/16/05 9:48:49 AM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., Sample Units, RSD. Rows include Ag, Al, Ba, Ca, Cd, Co, Cu, Fe, Mg, Mn, Se, V.

Zn	206.200	80671.7	1.73475	0.010586	mg/L	1.73475	0.010586	mg/L	0.61%
Na	330.237	34494.6	43.3942	0.34104	mg/L	43.3942	0.34104	mg/L	0.79%
Ti	334.941	566875.2	1.15915	0.008241	mg/L	1.15915	0.008241	mg/L	0.71%
Mo	202.030	7881.6	0.468549	0.0023514	mg/L	0.468549	0.0023514	mg/L	0.50%
Sn	189.933	5371.1	0.570717	0.0036756	mg/L	0.570717	0.0036756	mg/L	0.64%
Be	234.861	239756.4	0.480294	0.0031565	mg/L	0.480294	0.0031565	mg/L	0.66%
As	188.979	1372.5	0.537478	0.0012236	mg/L	0.537478	0.0012236	mg/L	0.23%
Sb	206.833	1783.3	0.461590	0.0019269	mg/L	0.461590	0.0019269	mg/L	0.42%
Cr	206.158	14263.2	0.550298	0.0057047	mg/L	0.550298	0.0057047	mg/L	1.04%
Pb	220.353	5492.3	1.11653	0.009050	mg/L	1.11653	0.009050	mg/L	0.81%
Ni	231.604	12912.3	0.567341	0.0034850	mg/L	0.567341	0.0034850	mg/L	0.61%
Tl	190.800	707.0	0.470914	0.0057392	mg/L	0.470914	0.0057392	mg/L	1.22%

Mean Data

ID: 18922-001 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 123
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 9:52:46 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	64674.8	0.448530	0.0027311	mg/L	0.448530	0.0027311	mg/L	0.61%
Al	308.215	540214.5	29.1373	0.15147	mg/L	29.1373	0.15147	mg/L	0.52%
Ba	233.527	39136.2	0.705956	0.0041877	mg/L	0.705956	0.0041877	mg/L	0.59%
Ca	315.887	3366845.1	47.8182	0.15508	mg/L	47.8182	0.15508	mg/L	0.32%
Cd	226.502	50153.0	0.459734	0.0013160	mg/L	0.459734	0.0013160	mg/L	0.29%
Co	228.616	16318.5	0.519231	0.0011842	mg/L	0.519231	0.0011842	mg/L	0.23%
Cu	324.754	133180.7	0.853627	0.0074390	mg/L	0.853627	0.0074390	mg/L	0.87%
Fe	273.955	1981613.4	124.003	0.5564	mg/L	124.003	0.5564	mg/L	0.45%
Mg	279.079	650813.4	49.8092	0.14308	mg/L	49.8092	0.14308	mg/L	0.29%
Mn	257.610	1624069.1	3.08531	0.013724	mg/L	3.08531	0.013724	mg/L	0.44%
Se	196.026	2619.7	0.457203	0.0001752	mg/L	0.457203	0.0001752	mg/L	0.04%
V	292.402	83521.3	0.495815	0.0020747	mg/L	0.495815	0.0020747	mg/L	0.42%
Zn	206.200	82189.7	1.76770	0.005611	mg/L	1.76770	0.005611	mg/L	0.32%
Na	330.237	32520.7	41.1657	0.24429	mg/L	41.1657	0.24429	mg/L	0.59%
Ti	334.941	509844.8	1.04253	0.000119	mg/L	1.04253	0.000119	mg/L	0.01%
Mo	202.030	7594.4	0.446421	0.0017442	mg/L	0.446421	0.0017442	mg/L	0.39%
Sn	189.933	5281.2	0.561219	0.0011821	mg/L	0.561219	0.0011821	mg/L	0.21%
Be	234.861	230029.8	0.459904	0.0017130	mg/L	0.459904	0.0017130	mg/L	0.37%
As	188.979	1321.1	0.517371	0.0006135	mg/L	0.517371	0.0006135	mg/L	0.12%
Sb	206.833	1681.2	0.433932	0.0024847	mg/L	0.433932	0.0024847	mg/L	0.57%
Cr	206.158	13825.0	0.533955	0.0030752	mg/L	0.533955	0.0030752	mg/L	0.58%
Pb	220.353	5396.3	1.09690	0.002471	mg/L	1.09690	0.002471	mg/L	0.23%
Ni	231.604	12417.9	0.546565	0.0005621	mg/L	0.546565	0.0005621	mg/L	0.10%
Tl	190.800	683.2	0.455684	0.0033598	mg/L	0.455684	0.0033598	mg/L	0.74%

Mean Data

ID: 18922-001 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 124
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 9:56:43 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	82596.4	0.571609	0.0027415	mg/L	0.571609	0.0027415	mg/L	0.48%
Al	308.215	499894.2	26.9389	0.19571	mg/L	26.9389	0.19571	mg/L	0.73%
Ba	233.527	45412.0	0.819162	0.0054029	mg/L	0.819162	0.0054029	mg/L	0.66%
Ca	315.887	3978822.8	56.6014	0.40915	mg/L	56.6014	0.40915	mg/L	0.72%
Cd	226.502	59930.1	0.551859	0.0032789	mg/L	0.551859	0.0032789	mg/L	0.59%
Co	228.616	18900.5	0.601478	0.0006767	mg/L	0.601478	0.0006767	mg/L	0.11%
Cu	324.754	148560.8	0.958278	0.0071699	mg/L	0.958278	0.0071699	mg/L	0.75%
Fe	273.955	1868415.8	116.915	0.8504	mg/L	116.915	0.8504	mg/L	0.73%
Mg	279.079	757241.5	57.9546	0.41817	mg/L	57.9546	0.41817	mg/L	0.72%
Mn	257.610	1608325.9	3.05541	0.021988	mg/L	3.05541	0.021988	mg/L	0.72%
Se	196.026	3172.8	0.545847	0.0020540	mg/L	0.545847	0.0020540	mg/L	0.38%
V	292.402	97575.2	0.575430	0.0038969	mg/L	0.575430	0.0038969	mg/L	0.68%
Zn	206.200	82680.1	1.77834	0.012113	mg/L	1.77834	0.012113	mg/L	0.68%
Na	330.237	39955.5	50.0524	0.40703	mg/L	50.0524	0.40703	mg/L	0.81%
Ti	334.941	532796.5	1.08947	0.012763	mg/L	1.08947	0.012763	mg/L	1.17%
Mo	202.030	9189.1	0.539402	0.0002575	mg/L	0.539402	0.0002575	mg/L	0.05%
Sn	189.933	5879.3	0.624395	0.0018475	mg/L	0.624395	0.0018475	mg/L	0.30%
Be	234.861	277106.8	0.548182	0.0031936	mg/L	0.548182	0.0031936	mg/L	0.58%
As	188.979	1616.6	0.628934	0.0010547	mg/L	0.628934	0.0010547	mg/L	0.17%
Sb	206.833	2149.3	0.560745	0.0019364	mg/L	0.560745	0.0019364	mg/L	0.35%

1597 AM

Table with 8 columns: Element, Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., RSD. Rows include Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800.

Mean Data ID: CCV V-4510 Sample Qty: 1.0000 g Seq. No.: 18 Sample No.: 5 A/S Pos: 4 Dilution: 1.0: 1.0 Date: 8/16/05 10:00:41 AM

Table with 8 columns: Element, Mean Corr. Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., RSD. Rows include Ag 328.068, Al 308.215, Ba 233.527, Ca 315.887, Cd 226.502, Co 228.616, Cu 324.754, Fe 273.955, Mg 279.079, Mn 257.610, Se 196.026, V 292.402, Zn 206.200, Na 330.237, Ti 334.941, Mo 202.030, Sn 189.933, Be 234.861, As 188.979, Sb 206.833, Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800.

Mean Data ID: CCB Sample Qty: 1.0000 g Seq. No.: 19 Sample No.: 6 A/S Pos: 1 Dilution: 1.0: 1.0 Date: 8/16/05 10:03:44 AM

Table with 8 columns: Element, Mean Corr. Intensity, Mean Conc., Std. Dev., Calib Units, Mean Conc., Std. Dev., RSD. Rows include Ag 328.068, Al 308.215, Ba 233.527, Ca 315.887, Cd 226.502, Co 228.616, Cu 324.754, Fe 273.955, Mg 279.079, Mn 257.610, Se 196.026, V 292.402, Zn 206.200, Na 330.237, Ti 334.941, Mo 202.030, Sn 189.933, Be 234.861, As 188.979, Sb 206.833, Cr 206.158, Pb 220.353, Ni 231.604, Tl 190.800. Includes note: *QC exceeds upper limit for Na 330.237 Action = Continue

Mean Data ID: 18922-002 Seq. No.: 20 Sample No.: 9 A/S Pos: 125

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:06:55 AM

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: 18922-002 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 126
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:10:05 AM

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: 18922-003 Seq. No.: 22 Sample No.: 11 A/S Pos: 127
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:13:31 AM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements Ag, Al, Ba with their respective values.

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Ca 315.887	533437.1	7.15223	0.001063	mg/L	7.15223	0.001063	mg/L	0.01%
Cd 226.502	10928.6	0.0318984	0.00037029	mg/L	0.0318984	0.00037029	mg/L	1.16%
Co 228.616	4338.4	0.137617	0.0006209	mg/L	0.137617	0.0006209	mg/L	0.45%
Cu 324.754	244924.6	1.64929	0.000272	mg/L	1.64929	0.000272	mg/L	0.02%
Fe 273.955	14061811.1	880.384	3.2860	mg/L	880.384	3.2860	mg/L	0.37%
Mg 279.079	29915.4	2.28954	0.006642	mg/L	2.28954	0.006642	mg/L	0.29%
Mn 257.610	3336846.4	6.33915	0.018359	mg/L	6.33915	0.018359	mg/L	0.29%
Se 196.026	-1521.6	-0.0017823	0.00098471	mg/L	-0.0017823	0.00098471	mg/L	55.25%
V 292.402	-14971.3	0.0430440	0.00035387	mg/L	0.0430440	0.00035387	mg/L	0.82%
Zn 206.200	192902.7	4.17046	0.010855	mg/L	4.17046	0.010855	mg/L	0.26%
Na 330.237	-9407.1	-8.41832	0.056490	mg/L	-8.41832	0.056490	mg/L	0.67%
Ti 334.941	364576.6	0.745488	0.0033705	mg/L	0.745488	0.0033705	mg/L	0.45%
Mo 202.030	-207.9	0.0267267	0.00080304	mg/L	0.0267267	0.00080304	mg/L	3.00%
Sn 189.933	2694.5	0.287984	0.0007251	mg/L	0.287984	0.0007251	mg/L	0.25%
Be 234.861	-78217.8	0.0096978	0.00003010	mg/L	0.0096978	0.00003010	mg/L	0.31%
As 188.979	221.3	0.145879	0.0002520	mg/L	0.145879	0.0002520	mg/L	0.17%
Sb 206.833	797.4	0.194514	0.0018909	mg/L	0.194514	0.0018909	mg/L	0.97%
Cr 206.158	5012.5	0.216730	0.0012645	mg/L	0.216730	0.0012645	mg/L	0.58%
Pb 220.353	24795.6	5.04068	0.012744	mg/L	5.04068	0.012744	mg/L	0.25%
Ni 231.604	10763.1	0.336580	0.0019159	mg/L	0.336580	0.0019159	mg/L	0.57%
Tl 190.800	-120.3	-0.0018988	0.00090783	mg/L	-0.0018988	0.00090783	mg/L	47.81%

Mean Data

ID: 18922-004

Sample Qty: 1.0000 mL

Seq. No.: 23

Sample No.: 12

A/S Pos: 128

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Data: Original

Date: 8/16/05 10:17:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-876.6	-0.0060084	0.00014836	mg/L	-0.0060084	0.00014836	mg/L	2.47%
Al 308.215	325107.2	17.4090	0.05012	mg/L	17.4090	0.05012	mg/L	0.29%
Ba 233.527	9518.4	0.171697	0.0000440	mg/L	0.171697	0.0000440	mg/L	0.03%
Ca 315.887	727473.5	9.93710	0.062619	mg/L	9.93710	0.062619	mg/L	0.63%
Cd 226.502	826.8	0.0077423	0.00009891	mg/L	0.0077423	0.00009891	mg/L	1.28%
Co 228.616	927.0	0.0289497	0.00015501	mg/L	0.0289497	0.00015501	mg/L	0.54%
Cu 324.754	49934.3	0.287192	0.0000353	mg/L	0.287192	0.0000353	mg/L	0.01%
Fe 273.955	517251.2	32.3145	0.16750	mg/L	32.3145	0.16750	mg/L	0.52%
Mg 279.079	100297.3	7.67613	0.046811	mg/L	7.67613	0.046811	mg/L	0.61%
Mn 257.610	369408.6	0.701782	0.0038293	mg/L	0.701782	0.0038293	mg/L	0.55%
Se 196.026	88.8	0.0143385	0.00115315	mg/L	0.0143385	0.00115315	mg/L	8.04%
V 292.402	4322.6	0.0230557	0.00011150	mg/L	0.0230557	0.00011150	mg/L	0.48%
Zn 206.200	38391.9	0.817174	0.0052517	mg/L	0.817174	0.0052517	mg/L	0.64%
Na 330.237	194.7	0.901971	0.0153887	mg/L	0.901971	0.0153887	mg/L	1.71%
Ti 334.941	130382.8	0.266608	0.0029631	mg/L	0.266608	0.0029631	mg/L	1.11%
Mo 202.030	-64.7	-0.0001500	0.00011091	mg/L	-0.0001500	0.00011091	mg/L	73.93%
Sn 189.933	351.1	0.0404606	0.00089522	mg/L	0.0404606	0.00089522	mg/L	2.21%
Be 234.861	1293.1	0.0082771	0.00010945	mg/L	0.0082771	0.00010945	mg/L	1.32%
As 188.979	0.3	0.0093180	0.00148932	mg/L	0.0093180	0.00148932	mg/L	15.98%
Sb 206.833	96.7	0.0046984	0.00041467	mg/L	0.0046984	0.00041467	mg/L	8.83%
Cr 206.158	2184.2	0.0878853	0.00055564	mg/L	0.0878853	0.00055564	mg/L	0.63%
Pb 220.353	1691.9	0.339525	0.0004048	mg/L	0.339525	0.0004048	mg/L	0.12%
Ni 231.604	2734.8	0.119482	0.0006130	mg/L	0.119482	0.0006130	mg/L	0.51%
Tl 190.800	-84.3	-0.0067338	0.00224189	mg/L	-0.0067338	0.00224189	mg/L	33.29%

Mean Data

ID: 18922-005

Sample Qty: 1.0000 mL

Seq. No.: 24

Sample No.: 13

A/S Pos: 129

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Data: Original

Date: 8/16/05 10:20:54 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1298.5	-0.0089006	0.00008846	mg/L	-0.0089006	0.00008846	mg/L	0.99%
Al 308.215	375780.1	20.1718	0.06578	mg/L	20.1718	0.06578	mg/L	0.33%
Ba 233.527	13158.0	0.237350	0.0014226	mg/L	0.237350	0.0014226	mg/L	0.60%
Ca 315.887	554356.2	7.45247	0.038837	mg/L	7.45247	0.038837	mg/L	0.52%
Cd 226.502	1232.5	-0.0005699	0.00002889	mg/L	-0.0005699	0.00002889	mg/L	5.07%
Co 228.616	4838.2	0.153538	0.0007958	mg/L	0.153538	0.0007958	mg/L	0.52%
Cu 324.754	62846.1	0.381122	0.0014343	mg/L	0.381122	0.0014343	mg/L	0.38%
Fe 273.955	2418799.0	151.377	1.4513	mg/L	151.377	1.4513	mg/L	0.96%
Mg 279.079	49077.6	3.75610	0.027370	mg/L	3.75610	0.027370	mg/L	0.73%
Mn 257.610	4362799.9	8.28820	0.082150	mg/L	8.28820	0.082150	mg/L	0.99%
Se 196.026	-113.4	0.0085688	0.00139310	mg/L	0.0085688	0.00139310	mg/L	16.26%



V 292.402	4313.8	0.0457465	0.00063823	mg/L	0.0457465	0.00063823	mg/L	1.40%
Zn 206.200	91768.4	1.97558	0.012151	mg/L	1.97558	0.012151	mg/L	0.62%
Na 330.237	-2649.2	-0.597693	0.0252890	mg/L	-0.597693	0.0252890	mg/L	4.23%
Ti 334.941	187906.5	0.384232	0.0013518	mg/L	0.384232	0.0013518	mg/L	0.35%
Mo 202.030	81.3	0.0144159	0.00056947	mg/L	0.0144159	0.00056947	mg/L	3.95%
Sn 189.933	839.1	0.0920070	0.00106665	mg/L	0.0920070	0.00106665	mg/L	1.16%
Be 234.861	-7816.9	0.0123814	0.00003237	mg/L	0.0123814	0.00003237	mg/L	0.26%
As 188.979	120.1	0.0638173	0.00324596	mg/L	0.0638173	0.00324596	mg/L	5.09%
Sb 206.833	141.8	0.0169117	0.00054414	mg/L	0.0169117	0.00054414	mg/L	3.22%
Cr 206.158	4232.3	0.172864	0.0013010	mg/L	0.172864	0.0013010	mg/L	0.75%
Pb 220.353	1933.5	0.388921	0.0011596	mg/L	0.388921	0.0011596	mg/L	0.30%
Ni 231.604	4529.6	0.180533	0.0011588	mg/L	0.180533	0.0011588	mg/L	0.64%
Tl 190.800	-86.7	-0.0135428	0.00049073	mg/L	-0.0135428	0.00049073	mg/L	3.62%

Mean Data

ID: 18922-006

Sample Qty: 1.0000 mL

Seq. No.: 25

Sample No.: 14

A/S Pos: 130

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Data: Original

Date: 8/16/05 10:24:11 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-839.1	-0.0057516	0.00036828	mg/L	-0.0057516	0.00036828	mg/L	6.40%
Al 308.215	276481.3	14.7578	0.03851	mg/L	14.7578	0.03851	mg/L	0.26%
Ba 233.527	10148.1	0.183057	0.0017498	mg/L	0.183057	0.0017498	mg/L	0.96%
Ca 315.887	74520.4	0.565721	0.0023686	mg/L	0.565721	0.0023686	mg/L	0.42%
Cd 226.502	539.9	-0.0023116	0.00034752	mg/L	-0.0023116	0.00034752	mg/L	15.03%
Co 228.616	222.5	0.0065108	0.00003916	mg/L	0.0065108	0.00003916	mg/L	0.60%
Cu 324.754	35159.0	0.186656	0.0018232	mg/L	0.186656	0.0018232	mg/L	0.98%
Fe 273.955	1471665.9	92.0735	0.71901	mg/L	92.0735	0.71901	mg/L	0.78%
Mg 279.079	22131.1	1.69378	0.006659	mg/L	1.69378	0.006659	mg/L	0.39%
Mn 257.610	108324.7	0.205789	0.0009723	mg/L	0.205789	0.0009723	mg/L	0.47%
Se 196.026	273.3	0.0625490	0.00048477	mg/L	0.0625490	0.00048477	mg/L	0.78%
V 292.402	3304.3	0.0309627	0.00010844	mg/L	0.0309627	0.00010844	mg/L	0.35%
Zn 206.200	5232.7	0.0975307	0.00019830	mg/L	0.0975307	0.00019830	mg/L	0.20%
Na 330.237	2324.5	0.593818	0.0336841	mg/L	0.593818	0.0336841	mg/L	5.67%
Ti 334.941	73873.7	0.151057	0.0062973	mg/L	0.151057	0.0062973	mg/L	4.17%
Mo 202.030	58.6	0.0070375	0.00019781	mg/L	0.0070375	0.00019781	mg/L	2.81%
Sn 189.933	354.3	0.0407930	0.00062780	mg/L	0.0407930	0.00062780	mg/L	1.54%
Be 234.861	-7690.6	0.0019458	0.00000379	mg/L	0.0019458	0.00000379	mg/L	0.19%
As 188.979	179.7	0.0828245	0.00093079	mg/L	0.0828245	0.00093079	mg/L	1.12%
Sb 206.833	107.3	0.0075788	0.00094162	mg/L	0.0075788	0.00094162	mg/L	12.42%
Cr 206.158	1682.1	0.0635562	0.00009462	mg/L	0.0635562	0.00009462	mg/L	0.15%
Pb 220.353	635.7	0.123582	0.0004118	mg/L	0.123582	0.0004118	mg/L	0.33%
Ni 231.604	1417.5	0.0485618	0.00034531	mg/L	0.0485618	0.00034531	mg/L	0.71%
Tl 190.800	-84.3	-0.0067261	0.00191078	mg/L	-0.0067261	0.00191078	mg/L	28.41%

Mean Data

ID: 18922-007

Sample Qty: 1.0000 mL

Seq. No.: 26

Sample No.: 15

A/S Pos: 131

Prep. Vol.: 1.0 mL

Dilution: 1.0: 1.0

Data: Original

Date: 8/16/05 10:27:35 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2236.1	-0.0033381	0.00018607	mg/L	-0.0033381	0.00018607	mg/L	5.57%
Al 308.215	988557.4	53.5822	0.28612	mg/L	53.5822	0.28612	mg/L	0.53%
Ba 233.527	60707.1	1.09506	0.007126	mg/L	1.09506	0.007126	mg/L	0.65%
Ca 315.887	13256981.5	189.764	2.4129	mg/L	189.764	2.4129	mg/L	1.27%
Cd 226.502	1961.5	0.0102898	0.00004360	mg/L	0.0102898	0.00004360	mg/L	0.42%
Co 228.616	1024.2	0.0320474	0.00059985	mg/L	0.0320474	0.00059985	mg/L	1.87%
Cu 324.754	69736.0	0.421929	0.0024542	mg/L	0.421929	0.0024542	mg/L	0.58%
Fe 273.955	1613662.3	100.964	0.5718	mg/L	100.964	0.5718	mg/L	0.57%
Mg 279.079	582130.0	44.5526	0.28008	mg/L	44.5526	0.28008	mg/L	0.63%
Mn 257.610	1729575.0	3.28575	0.018560	mg/L	3.28575	0.018560	mg/L	0.56%
Se 196.026	-31.5	0.0151956	0.00042496	mg/L	0.0151956	0.00042496	mg/L	2.80%
V 292.402	19026.8	0.117756	0.0004580	mg/L	0.117756	0.0004580	mg/L	0.39%
Zn 206.200	59130.1	1.26725	0.009238	mg/L	1.26725	0.009238	mg/L	0.73%
Na 330.237	-355.4	1.27424	0.028758	mg/L	1.27424	0.028758	mg/L	2.26%
Ti 334.941	1172402.8	2.39734	0.008338	mg/L	2.39734	0.008338	mg/L	0.35%
Mo 202.030	12.2	0.0043303	0.00010177	mg/L	0.0043303	0.00010177	mg/L	2.35%
Sn 189.933	754.1	0.0898703	0.00027342	mg/L	0.0898703	0.00027342	mg/L	0.30%
Be 234.861	-5752.5	0.0072332	0.00010877	mg/L	0.0072332	0.00010877	mg/L	1.50%
As 188.979	42.9	0.0315316	0.00106886	mg/L	0.0315316	0.00106886	mg/L	3.39%

Sb 206.833	175.9	0.0261447	0.00079659	mg/L	0.0261447	0.00079659	mg/L	3.05%
Cr 206.158	3107.1	0.125708	0.0013968	mg/L	0.125708	0.0013968	mg/L	1.11%
Pb 220.353	5024.5	1.02090	0.005696	mg/L	1.02090	0.005696	mg/L	0.56%
Ni 231.604	2564.7	0.0995117	0.00034910	mg/L	0.0995117	0.00034910	mg/L	0.35%
Tl 190.800	-121.3	-0.0020891	0.00215954	mg/L	-0.0020891	0.00215954	mg/L	103.37%

Mean Data

ID: 18922-008 Seq. No.: 27 Sample No.: 16 A/S Pos: 132
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Date: 8/16/05 10:31:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1709.1	-0.0043938	0.00013556	mg/L	-0.0043938	0.00013556	mg/L	3.09%
Al 308.215	649161.7	35.0774	0.16282	mg/L	35.0774	0.16282	mg/L	0.46%
Ba 233.527	54409.5	0.981464	0.0048928	mg/L	0.981464	0.0048928	mg/L	0.50%
Ca 315.887	6814947.4	97.3063	0.73463	mg/L	97.3063	0.73463	mg/L	0.75%
Cd 226.502	4798.6	0.0271277	0.00027402	mg/L	0.0271277	0.00027402	mg/L	1.01%
Co 228.616	3262.6	0.103348	0.0004235	mg/L	0.103348	0.0004235	mg/L	0.41%
Cu 324.754	234131.9	1.54946	0.009527	mg/L	1.54946	0.009527	mg/L	0.61%
Fe 273.955	3555958.4	222.578	1.5560	mg/L	222.578	1.5560	mg/L	0.70%
Mg 279.079	326937.7	25.0218	0.12362	mg/L	25.0218	0.12362	mg/L	0.49%
Mn 257.610	1719322.6	3.26627	0.021872	mg/L	3.26627	0.021872	mg/L	0.67%
Se 196.026	-232.7	0.0186690	0.00001158	mg/L	0.0186690	0.00001158	mg/L	0.06%
V 292.402	51502.4	0.331047	0.0019915	mg/L	0.331047	0.0019915	mg/L	0.60%
Zn 206.200	443045.3	9.59921	0.038699	mg/L	9.59921	0.038699	mg/L	0.40%
Na 330.237	-23736.4	-5.44396	0.037907	mg/L	-5.44396	0.037907	mg/L	0.70%
Ti 334.941	715890.4	1.46386	0.001278	mg/L	1.46386	0.001278	mg/L	0.09%
Mo 202.030	64.5	0.0162885	0.00031274	mg/L	0.0162885	0.00031274	mg/L	1.92%
Sn 189.933	1031.6	0.112341	0.0009040	mg/L	0.112341	0.0009040	mg/L	0.80%
Be 234.861	-18045.0	0.0057426	0.00004544	mg/L	0.0057426	0.00004544	mg/L	0.79%
As 188.979	99.0	0.0600852	0.00080522	mg/L	0.0600852	0.00080522	mg/L	1.34%
Sb 206.833	241.0	0.0437798	0.00120025	mg/L	0.0437798	0.00120025	mg/L	2.74%
Cr 206.158	3325.0	0.188556	0.0003406	mg/L	0.188556	0.0003406	mg/L	0.18%
Pb 220.353	9894.2	2.01084	0.004356	mg/L	2.01084	0.004356	mg/L	0.22%
Ni 231.604	6815.9	0.272579	0.0001165	mg/L	0.272579	0.0001165	mg/L	0.04%
Tl 190.800	-117.8	-0.0102965	0.00121474	mg/L	-0.0102965	0.00121474	mg/L	11.80%

Mean Data

ID: CCV V-4510 Seq. No.: 28 Sample No.: 5 A/S Pos: 4
 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Date: 8/16/05 10:35:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	69349.2	0.475357	0.0043731	mg/L	0.475357	0.0043731	mg/L	0.92%
Al 308.215	94487.9	4.83495	0.060651	mg/L	4.83495	0.060651	mg/L	1.25%
Ba 233.527	26866.8	0.484636	0.0049453	mg/L	0.484636	0.0049453	mg/L	1.02%
Ca 315.887	3466972.6	49.2552	0.34302	mg/L	49.2552	0.34302	mg/L	0.70%
Cd 226.502	53002.4	0.496340	0.0039790	mg/L	0.496340	0.0039790	mg/L	0.80%
Co 228.616	15884.5	0.505405	0.0000352	mg/L	0.505405	0.0000352	mg/L	0.01%
Cu 324.754	79953.2	0.491450	0.0065515	mg/L	0.491450	0.0065515	mg/L	1.33%
Fe 273.955	81876.3	5.05420	0.039773	mg/L	5.05420	0.039773	mg/L	0.79%
Mg 279.079	646465.5	49.4765	0.43385	mg/L	49.4765	0.43385	mg/L	0.88%
Mn 257.610	269442.4	0.511871	0.0045563	mg/L	0.511871	0.0045563	mg/L	0.89%
Se 196.026	3150.3	0.507073	0.0013375	mg/L	0.507073	0.0013375	mg/L	0.26%
V 292.402	85274.4	0.487433	0.0043818	mg/L	0.487433	0.0043818	mg/L	0.90%
Zn 206.200	24783.2	0.521828	0.0023042	mg/L	0.521828	0.0023042	mg/L	0.44%
Na 330.237	39768.4	46.8681	0.57371	mg/L	46.8681	0.57371	mg/L	1.22%
Ti 334.941	245719.1	0.502448	0.0055694	mg/L	0.502448	0.0055694	mg/L	1.11%
Mo 202.030	8379.1	0.492170	0.0000577	mg/L	0.492170	0.0000577	mg/L	0.01%
Sn 189.933	4556.2	0.484631	0.0019567	mg/L	0.484631	0.0019567	mg/L	0.40%
Be 234.861	267648.9	0.509143	0.0044622	mg/L	0.509143	0.0044622	mg/L	0.88%
As 188.979	1338.2	0.516434	0.0000187	mg/L	0.516434	0.0000187	mg/L	0.00%
Sb 206.833	1955.1	0.508124	0.0006374	mg/L	0.508124	0.0006374	mg/L	0.13%
Cr 206.158	13540.6	0.511623	0.0033587	mg/L	0.511623	0.0033587	mg/L	0.66%
Pb 220.353	2436.4	0.491743	0.0014001	mg/L	0.491743	0.0014001	mg/L	0.28%
Ni 231.604	10934.8	0.500663	0.0010616	mg/L	0.500663	0.0010616	mg/L	0.21%
Tl 190.800	774.2	0.503204	0.0031639	mg/L	0.503204	0.0031639	mg/L	0.63%

Mean Data

ID: CCB Seq. No.: 29 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: 8/16/05 10:38:04 AM

Table with 8 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.

*QC exceeds upper limit for Na 330.237 Action = Continue

Mean Data ID: 18922-009 Sample Qty: 1.0000 mL Seq. No.: 30 Sample No.: 17 A/S Pos: 133
Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:41:07 AM

Table with 8 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: 18922-010 Sample Qty: 1.0000 mL Seq. No.: 31 Sample No.: 18 A/S Pos: 134
Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:44:23 AM

Table with 8 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements Ag and Al with their respective values.

Ba	233.527	150481.5	2.71445	0.012998	mg/L	2.71445	0.012998	mg/L	0.48%
Ca	315.887	2689709.4	38.0997	0.18488	mg/L	38.0997	0.18488	mg/L	0.49%
Cd	226.502	5805.0	0.0224451	0.00031390	mg/L	0.0224451	0.00031390	mg/L	1.40%
Co	228.616	2488.7	0.0786975	0.00019002	mg/L	0.0786975	0.00019002	mg/L	0.24%
Cu	324.754	243646.9	1.62128	0.008062	mg/L	1.62128	0.008062	mg/L	0.50%
Fe	273.955	6371797.1	398.887	3.9244	mg/L	398.887	3.9244	mg/L	0.98%
Mg	279.079	73663.2	5.63772	0.022400	mg/L	5.63772	0.022400	mg/L	0.40%
Mn	257.610	9962918.7	18.9270	0.19640	mg/L	18.9270	0.19640	mg/L	1.04%
Se	196.026	-474.7	0.0129111	0.00079379	mg/L	0.0129111	0.00079379	mg/L	6.15%
V	292.402	35114.2	0.262167	0.0013914	mg/L	0.262167	0.0013914	mg/L	0.53%
Zn	206.200	359465.2	7.78530	0.043143	mg/L	7.78530	0.043143	mg/L	0.55%
Na	330.237	-16487.2	-3.72628	0.004167	mg/L	-3.72628	0.004167	mg/L	0.11%
Ti	334.941	433459.4	0.886340	0.0041441	mg/L	0.886340	0.0041441	mg/L	0.47%
Mo	202.030	-20.4	0.0183893	0.00201738	mg/L	0.0183893	0.00201738	mg/L	10.97%
Sn	189.933	2045.2	0.219400	0.0009332	mg/L	0.219400	0.0009332	mg/L	0.43%
Be	234.861	-34855.7	0.0055039	0.00004085	mg/L	0.0055039	0.00004085	mg/L	0.74%
As	188.979	284.7	0.141046	0.0009247	mg/L	0.141046	0.0009247	mg/L	0.66%
Sb	206.833	442.1	0.0982524	0.00111508	mg/L	0.0982524	0.00111508	mg/L	1.13%
Cr	206.158	3662.1	0.189401	0.0010771	mg/L	0.189401	0.0010771	mg/L	0.57%
Pb	220.353	64233.1	13.1161	0.04611	mg/L	13.1161	0.04611	mg/L	0.35%
Ni	231.604	7287.9	0.262905	0.0015556	mg/L	0.262905	0.0015556	mg/L	0.59%
Tl	190.800	-101.0	-0.0111189	0.00448788	mg/L	-0.0111189	0.00448788	mg/L	40.36%

Mean Data

ID: 18922-011 Seq. No.: 32 Sample No.: 19 A/S Pos: 135
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:48:34 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1505.1	-0.0048879	0.00057932	mg/L	-0.0048879	0.00057932	mg/L	11.85%
Al	308.215	499549.7	26.9201	0.10940	mg/L	26.9201	0.10940	mg/L	0.41%
Ba	233.527	38762.6	0.699218	0.0017964	mg/L	0.699218	0.0017964	mg/L	0.26%
Ca	315.887	1003657.2	13.9010	0.05171	mg/L	13.9010	0.05171	mg/L	0.37%
Cd	226.502	6050.3	0.0236551	0.00020332	mg/L	0.0236551	0.00020332	mg/L	0.86%
Co	228.616	2322.0	0.0733860	0.00013127	mg/L	0.0733860	0.00013127	mg/L	0.18%
Cu	324.754	147762.1	0.969394	0.0030231	mg/L	0.969394	0.0030231	mg/L	0.31%
Fe	273.955	6588804.0	412.474	2.5411	mg/L	412.474	2.5411	mg/L	0.62%
Mg	279.079	64371.7	4.92661	0.024398	mg/L	4.92661	0.024398	mg/L	0.50%
Mn	257.610	1854279.2	3.52265	0.012122	mg/L	3.52265	0.012122	mg/L	0.34%
Se	196.026	-399.7	0.0482628	0.00029282	mg/L	0.0482628	0.00029282	mg/L	0.61%
V	292.402	6564.1	0.0980679	0.00026912	mg/L	0.0980679	0.00026912	mg/L	0.27%
Zn	206.200	180887.3	3.90969	0.015865	mg/L	3.90969	0.015865	mg/L	0.41%
Na	330.237	-8406.8	-3.77148	0.031769	mg/L	-3.77148	0.031769	mg/L	0.84%
Ti	334.941	530825.4	1.08543	0.004360	mg/L	1.08543	0.004360	mg/L	0.40%
Mo	202.030	54.3	0.0232906	0.00028053	mg/L	0.0232906	0.00028053	mg/L	1.20%
Sn	189.933	1491.8	0.160946	0.0009167	mg/L	0.160946	0.0009167	mg/L	0.57%
Be	234.861	-35694.0	0.0063552	0.00031747	mg/L	0.0063552	0.00031747	mg/L	5.00%
As	188.979	382.7	0.179014	0.0014203	mg/L	0.179014	0.0014203	mg/L	0.79%
Sb	206.833	414.4	0.0907582	0.00100445	mg/L	0.0907582	0.00100445	mg/L	1.11%
Cr	206.158	3025.1	0.139930	0.0027767	mg/L	0.139930	0.0027767	mg/L	1.98%
Pb	220.353	10537.1	2.13743	0.007610	mg/L	2.13743	0.007610	mg/L	0.36%
Ni	231.604	5590.5	0.182776	0.0006728	mg/L	0.182776	0.0006728	mg/L	0.37%
Tl	190.800	-105.7	0.0009864	0.00231888	mg/L	0.0009864	0.00231888	mg/L	235.09%

Mean Data

ID: 18922-012 Seq. No.: 33 Sample No.: 20 A/S Pos: 136
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:52:37 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD	
Ag	328.068	-1041.0	-0.0071358	0.00034536	mg/L	-0.0071358	0.00034536	mg/L	4.84%
Al	308.215	470126.3	25.3159	0.35032	mg/L	25.3159	0.35032	mg/L	1.38%
Ba	233.527	13226.6	0.238587	0.0007853	mg/L	0.238587	0.0007853	mg/L	0.33%
Ca	315.887	297889.7	3.77159	0.032029	mg/L	3.77159	0.032029	mg/L	0.85%
Cd	226.502	700.0	0.0001369	0.00019547	mg/L	0.0001369	0.00019547	mg/L	142.75%
Co	228.616	6997.3	0.222313	0.0010112	mg/L	0.222313	0.0010112	mg/L	0.45%
Cu	324.754	89952.4	0.559488	0.0009878	mg/L	0.559488	0.0009878	mg/L	0.18%
Fe	273.955	1282301.1	80.2168	1.17931	mg/L	80.2168	1.17931	mg/L	1.47%
Mg	279.079	43306.9	3.31444	0.022320	mg/L	3.31444	0.022320	mg/L	0.67%
Mn	257.610	1781196.8	3.38382	0.050797	mg/L	3.38382	0.050797	mg/L	1.50%

Se 196.026	-3.2	0.0136074	0.00115543	mg/L	0.0136074	0.00115543	mg/L	8.49%
V 292.402	4739.5	0.0375330	0.00034415	mg/L	0.0375330	0.00034415	mg/L	0.92%
Zn 206.200	83253.2	1.79078	0.016171	mg/L	1.79078	0.016171	mg/L	0.90%
Na 330.237	-2240.0	-0.0535899	0.03291962	mg/L	-0.0535899	0.03291962	mg/L	61.43%
Ti 334.941	173106.9	0.353970	0.0033351	mg/L	0.353970	0.0033351	mg/L	0.94%
Mo 202.030	-28.2	0.0019791	0.00040081	mg/L	0.0019791	0.00040081	mg/L	20.25%
Sn 189.933	823.7	0.0903758	0.00078967	mg/L	0.0903758	0.00078967	mg/L	0.87%
Be 234.861	2552.5	0.0192966	0.00013979	mg/L	0.0192966	0.00013979	mg/L	0.72%
As 188.979	60.2	0.0320118	0.00035882	mg/L	0.0320118	0.00035882	mg/L	1.12%
Sb 206.833	140.3	0.0165172	0.00054963	mg/L	0.0165172	0.00054963	mg/L	3.33%
Cr 206.158	2528.9	0.107290	0.0000934	mg/L	0.107290	0.0000934	mg/L	0.09%
Pb 220.353	3117.2	0.630935	0.0025240	mg/L	0.630935	0.0025240	mg/L	0.40%
Ni 231.604	4398.9	0.187175	0.0000961	mg/L	0.187175	0.0000961	mg/L	0.05%
Tl 190.800	-85.0	-0.0071074	0.00025261	mg/L	-0.0071074	0.00025261	mg/L	3.55%

Mean Data

ID: 18922-013 Seq. No.: 34 Sample No.: 21 A/S Pos: 137
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:55:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1434.1	-0.0073134	0.00352486	mg/L	-0.0073134	0.00352486	mg/L	48.20%
Al 308.215	737840.8	39.9124	0.43671	mg/L	39.9124	0.43671	mg/L	1.09%
Ba 233.527	49047.4	0.884739	0.0048329	mg/L	0.884739	0.0048329	mg/L	0.55%
Ca 315.887	5194477.5	74.0489	0.65783	mg/L	74.0489	0.65783	mg/L	0.89%
Cd 226.502	3060.4	0.0101712	0.00007785	mg/L	0.0101712	0.00007785	mg/L	0.77%
Co 228.616	2167.6	0.0684683	0.00066642	mg/L	0.0684683	0.00066642	mg/L	0.97%
Cu 324.754	151671.4	0.988715	0.0074247	mg/L	0.988715	0.0074247	mg/L	0.75%
Fe 273.955	3691377.8	231.057	2.0414	mg/L	231.057	2.0414	mg/L	0.88%
Mg 279.079	174248.2	13.3359	0.04478	mg/L	13.3359	0.04478	mg/L	0.34%
Mn 257.610	1366426.3	2.59586	0.023822	mg/L	2.59586	0.023822	mg/L	0.92%
Se 196.026	-142.7	0.0359942	0.00115100	mg/L	0.0359942	0.00115100	mg/L	3.20%
V 292.402	9997.0	0.0907893	0.00098214	mg/L	0.0907893	0.00098214	mg/L	1.08%
Zn 206.200	134298.7	2.89860	0.007287	mg/L	2.89860	0.007287	mg/L	0.25%
Na 330.237	-5611.5	-1.76463	0.050973	mg/L	-1.76463	0.050973	mg/L	2.89%
Ti 334.941	488621.0	0.999135	0.0102532	mg/L	0.999135	0.0102532	mg/L	1.03%
Mo 202.030	-6.9	0.0124650	0.00037787	mg/L	0.0124650	0.00037787	mg/L	3.03%
Sn 189.933	1493.2	0.161095	0.0012347	mg/L	0.161095	0.0012347	mg/L	0.77%
Be 234.861	-18769.1	0.0058916	0.00009968	mg/L	0.0058916	0.00009968	mg/L	1.69%
As 188.979	273.3	0.126650	0.0023954	mg/L	0.126650	0.0023954	mg/L	1.89%
Sb 206.833	407.3	0.0888493	0.00021029	mg/L	0.0888493	0.00021029	mg/L	0.24%
Cr 206.158	3245.2	0.141620	0.0003796	mg/L	0.141620	0.0003796	mg/L	0.27%
Pb 220.353	14026.6	2.85549	0.015367	mg/L	2.85549	0.015367	mg/L	0.54%
Ni 231.604	4540.9	0.166913	0.0012302	mg/L	0.166913	0.0012302	mg/L	0.74%
Tl 190.800	-107.8	-0.0095341	0.00072585	mg/L	-0.0095341	0.00072585	mg/L	7.61%

Mean Data

ID: 15522-001 Seq. No.: 35 Sample No.: 22 A/S Pos: 146
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/16/05 10:59:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-525.1	-0.0035997	0.00079629	mg/L	-0.0035997	0.00079629	mg/L	22.12%
Al 308.215	5961.0	0.0082097	0.00290759	mg/L	0.0082097	0.00290759	mg/L	35.42%
Ba 233.527	-4.7	-0.0000850	0.00001096	mg/L	-0.0000850	0.00001096	mg/L	12.90%
Ca 315.887	9428.0	-0.368504	0.0059350	mg/L	-0.368504	0.0059350	mg/L	1.61%
Cd 226.502	-194.7	-0.0018232	0.00003206	mg/L	-0.0018232	0.00003206	mg/L	1.76%
Co 228.616	-90.4	-0.0034571	0.00000726	mg/L	-0.0034571	0.00000726	mg/L	0.21%
Cu 324.754	8109.1	0.0025994	0.00027512	mg/L	0.0025994	0.00027512	mg/L	10.58%
Fe 273.955	988.5	-0.0104498	0.00538176	mg/L	-0.0104498	0.00538176	mg/L	51.50%
Mg 279.079	745.7	0.0570732	0.00153133	mg/L	0.0570732	0.00153133	mg/L	2.68%
Mn 257.610	763.8	0.0014510	0.00004921	mg/L	0.0014510	0.00004921	mg/L	3.39%
Se 196.026	46.3	-0.0023418	0.00078539	mg/L	-0.0023418	0.00078539	mg/L	33.54%
V 292.402	-195.5	-0.0032359	0.00015025	mg/L	-0.0032359	0.00015025	mg/L	4.64%
Zn 206.200	488.3	-0.0054349	0.00046335	mg/L	-0.0054349	0.00046335	mg/L	8.53%
Na 330.237	1917.2	0.812805	0.0686532	mg/L	0.812805	0.0686532	mg/L	8.45%
Ti 334.941	65.4	0.0001336	0.00010363	mg/L	0.0001336	0.00010363	mg/L	77.54%
Mo 202.030	-105.1	-0.0025064	0.00037374	mg/L	-0.0025064	0.00037374	mg/L	14.91%
Sn 189.933	-50.9	-0.0020042	0.00089340	mg/L	-0.0020042	0.00089340	mg/L	44.58%
Be 234.861	-383.9	-0.0007302	0.00000116	mg/L	-0.0007302	0.00000116	mg/L	0.16%

As 188.979	-37.8	-0.0051344	0.00137323	mg/L	-0.0051344	0.00137323	mg/L	26.75%
Sb 206.833	70.2	-0.0024773	0.00034985	mg/L	-0.0024773	0.00034985	mg/L	14.12%
Cr 206.158	133.3	0.0050379	0.00018594	mg/L	0.0050379	0.00018594	mg/L	3.69%
Pb 220.353	12.1	-0.0039077	0.00047714	mg/L	-0.0039077	0.00047714	mg/L	12.21%
Ni 231.604	-5.9	-0.0002710	0.00009280	mg/L	-0.0002710	0.00009280	mg/L	34.25%
Tl 190.800	-70.2	0.0015754	0.00062557	mg/L	0.0015754	0.00062557	mg/L	39.71%

Mean Data

ID: ICSA V-4505 Seq. No.: 36 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: 8/16/05 11:02:25 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-31.6	-0.0002167	0.00023493	mg/L				108.40%
Al 308.215	7836735.3	426.909	1.4837	mg/L				0.35%
Ba 233.527	-47.8	-0.0008619	0.00012049	mg/L				13.98%
Ca 315.887	29643953.2	424.955	1.4851	mg/L				0.35%
Cd 226.502	1297.3	-0.0015268	0.00003864	mg/L				2.53%
Co 228.616	171.7	0.0048900	0.00015983	mg/L				3.27%
Cu 324.754	7229.3	0.0034717	0.00044432	mg/L				12.80%
Fe 273.955	2730870.8	170.917	0.5377	mg/L				0.31%
Mg 279.079	6175920.1	472.667	1.5363	mg/L				0.33%
Mn 257.610	1739.6	0.0033048	0.00011919	mg/L				3.61%
Se 196.026	-233.6	-0.0036106	0.00071792	mg/L				19.88%
V 292.402	7096.7	0.0008403	0.00006669	mg/L				7.94%
Zn 206.200	816.0	0.0016781	0.00040766	mg/L				24.29%
Na 330.237	1791.9	-5.08140	0.054267	mg/L				1.07%
*QC exceeds lower limit for Na 330.237			Action = Continue					
Ti 334.941	-357.6	-0.0007312	0.00000616	mg/L				0.84%
Mo 202.030	-215.3	-0.0020918	0.00063324	mg/L				30.27%
Sn 189.933	-94.1	-0.0065682	0.00081341	mg/L				12.38%
Be 234.861	-15472.2	0.0013366	0.00011951	mg/L				8.94%
As 188.979	-64.9	-0.0051356	0.00000478	mg/L				0.09%
Sb 206.833	117.4	-0.0020450	0.00136293	mg/L				66.65%
Cr 206.158	232.4	-0.0125813	0.00007572	mg/L				0.60%
Pb 220.353	-177.3	-0.0038292	0.00083446	mg/L				21.79%
Ni 231.604	1037.4	0.0062601	0.00022174	mg/L				3.54%
Tl 190.800	-69.0	0.0022995	0.00206865	mg/L				89.96%

Mean Data

ID: ICSAB V-4506 Seq. No.: 37 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: 8/16/05 11:05:59 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	146934.5	1.00717	0.004457	mg/L				0.44%
Al 308.215	7885073.9	429.544	1.9019	mg/L				0.44%
Ba 233.527	24481.1	0.441601	0.0017539	mg/L				0.40%
Ca 315.887	29650099.3	425.043	1.9192	mg/L				0.45%
Cd 226.502	96417.2	0.889172	0.0028526	mg/L				0.32%
Co 228.616	14523.4	0.462050	0.0020243	mg/L				0.44%
Cu 324.754	78878.3	0.491019	0.0037997	mg/L				0.77%
Fe 273.955	2740776.6	171.537	0.6329	mg/L				0.37%
Mg 279.079	6334167.5	484.778	2.0695	mg/L				0.43%
Mn 257.610	241431.3	0.458658	0.0020226	mg/L				0.44%
Se 196.026	5539.3	0.943934	0.0040951	mg/L				0.43%
V 292.402	82637.1	0.438882	0.0016519	mg/L				0.38%
Zn 206.200	40725.9	0.867827	0.0019518	mg/L				0.22%
Na 330.237	-702.0	-5.82295	0.017846	mg/L				0.31%
*QC exceeds lower limit for Na 330.237			Action = Continue					
Ti 334.941	20.6	0.0000422	0.00086802	mg/L				>999.9%
Mo 202.030	-184.9	-0.0002971	0.00063178	mg/L				212.68%
Sn 189.933	-99.2	-0.0071134	0.00054549	mg/L				7.67%
Be 234.861	238023.0	0.483667	0.0016267	mg/L				0.34%
As 188.979	2626.9	1.01514	0.003297	mg/L				0.32%
Sb 206.833	3758.2	0.984161	0.0054986	mg/L				0.56%
Cr 206.158	12842.2	0.469427	0.0016538	mg/L				0.35%
Pb 220.353	4325.0	0.916872	0.0066711	mg/L				0.73%
Ni 231.604	20895.5	0.915316	0.0034230	mg/L				0.37%
Tl 190.800	1544.5	0.950240	0.0023669	mg/L				0.25%

1891

Mean Data

ID: CCV V-4510 Seq. No.: 38 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: 8/16/05 11:09:12 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	68189.8	0.467410	0.0017591	mg/L				0.38%
Al 308.215	93995.5	4.80810	0.010570	mg/L				0.22%
Ba 233.527	26888.5	0.485027	0.0032715	mg/L				0.67%
Ca 315.887	3460544.3	49.1630	0.21795	mg/L				0.44%
Cd 226.502	52361.4	0.490337	0.0024430	mg/L				0.50%
Co 228.616	15680.3	0.498902	0.0003535	mg/L				0.07%
Cu 324.754	79574.7	0.488874	0.0033840	mg/L				0.69%
Fe 273.955	81201.4	5.01194	0.020015	mg/L				0.40%
Mg 279.079	636666.5	48.7265	0.17732	mg/L				0.36%
Mn 257.610	264890.8	0.503225	0.0022951	mg/L				0.46%
Se 196.026	3134.0	0.504394	0.0010607	mg/L				0.21%
V 292.402	84124.6	0.480843	0.0029792	mg/L				0.62%
Zn 206.200	24433.6	0.514240	0.0034053	mg/L				0.66%
Na 330.237	38978.6	45.9157	0.29274	mg/L				0.64%
Ti 334.941	240362.7	0.491495	0.0025766	mg/L				0.52%
Mo 202.030	8274.6	0.486079	0.0010684	mg/L				0.22%
Sn 189.933	4491.0	0.477754	0.0006402	mg/L				0.13%
Be 234.861	263915.5	0.502041	0.0019439	mg/L				0.39%
As 188.979	1333.1	0.514495	0.0010330	mg/L				0.20%
Sb 206.833	1950.2	0.506795	0.0023710	mg/L				0.47%
Cr 206.158	13506.1	0.510319	0.0032582	mg/L				0.64%
Pb 220.353	2408.5	0.486045	0.0003315	mg/L				0.07%
Ni 231.604	10895.9	0.498881	0.0003732	mg/L				0.07%
Tl 190.800	752.6	0.490379	0.0030619	mg/L				0.62%

Mean Data

ID: CCB Seq. No.: 39 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: 8/16/05 11:12:15 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-213.8	-0.0014656	0.00204416	mg/L				139.48%
Al 308.215	6469.0	0.0359079	0.01390766	mg/L				38.73%
Ba 233.527	-2.6	-0.0000477	0.00006222	mg/L				130.46%
Ca 315.887	10496.4	-0.353170	0.0211467	mg/L				5.99%
Cd 226.502	-174.2	-0.0016315	0.00002886	mg/L				1.77%
Co 228.616	-86.4	-0.0033309	0.00018330	mg/L				5.50%
Cu 324.754	8391.6	0.0045222	0.00175431	mg/L				38.79%
Fe 273.955	753.0	-0.0251988	0.00173940	mg/L				6.90%
Mg 279.079	1097.7	0.0840137	0.00552045	mg/L				6.57%
Mn 257.610	683.0	0.0012976	0.00000664	mg/L				0.51%
Se 196.026	46.0	-0.0023913	0.00036484	mg/L				15.26%
V 292.402	-174.2	-0.0031122	0.00027979	mg/L				8.99%
Zn 206.200	437.0	-0.0065481	0.00014075	mg/L				2.15%
Na 330.237	2014.4	0.927618	0.1122970	mg/L				12.11%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	107.1	0.0002191	0.00001376	mg/L				6.28%
Mo 202.030	-105.8	-0.0025460	0.00004870	mg/L				1.91%
Sn 189.933	-43.6	-0.0012377	0.00066944	mg/L				54.09%
Be 234.861	-331.3	-0.0006302	0.00000656	mg/L				1.04%
As 188.979	-37.5	-0.0050088	0.00048369	mg/L				9.66%
Sb 206.833	68.3	-0.0030045	0.00217888	mg/L				72.52%
Cr 206.158	137.8	0.0052058	0.00008964	mg/L				1.72%
Pb 220.353	16.4	-0.0030243	0.00105112	mg/L				34.76%
Ni 231.604	-13.5	-0.0006162	0.00017146	mg/L				27.82%
Tl 190.800	-69.3	0.0021174	0.00156642	mg/L				73.98%

Mean Data

ID: 18916-021 Seq. No.: 40 Sample No.: 23 A/S Pos: 138
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 11:15:28 AM

Mean Corr. Mean Calib Mean Sample

Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev.	Units	RSD
Ag 328.068	-4202.8	-0.0091030	0.00027727	mg/L	-0.0091030	0.00027727	mg/L	3.05%
Al 308.215	1762237.6	95.7655	1.14453	mg/L	95.7655	1.14453	mg/L	1.20%
Ba 233.527	66128.4	1.19285	0.009797	mg/L	1.19285	0.009797	mg/L	0.82%
Ca 315.887	1157663.8	16.1113	0.12810	mg/L	16.1113	0.12810	mg/L	0.80%
Cd 226.502	1152.3	-0.0017610	0.00004908	mg/L	-0.0017610	0.00004908	mg/L	2.79%
Co 228.616	2671.9	0.0792679	0.00033683	mg/L	0.0792679	0.00033683	mg/L	0.42%
Cu 324.754	22520.8	0.106956	0.0002144	mg/L	0.106956	0.0002144	mg/L	0.20%
Fe 273.955	2506580.0	156.873	1.2728	mg/L	156.873	1.2728	mg/L	0.81%
Mg 279.079	403145.2	30.8542	0.25369	mg/L	30.8542	0.25369	mg/L	0.82%
Mn 257.610	1327620.2	2.52214	0.022634	mg/L	2.52214	0.022634	mg/L	0.90%
Se 196.026	-150.3	0.0124752	0.00213902	mg/L	0.0124752	0.00213902	mg/L	17.15%
V 292.402	40336.0	0.256195	0.0019046	mg/L	0.256195	0.0019046	mg/L	0.74%
Zn 206.200	22159.2	0.464880	0.0019539	mg/L	0.464880	0.0019539	mg/L	0.42%
Na 330.237	-181.5	0.474644	0.0276742	mg/L	0.474644	0.0276742	mg/L	5.83%
Ti 334.941	1926849.0	3.94003	0.041427	mg/L	3.94003	0.041427	mg/L	1.05%
Mo 202.030	-103.9	0.0038418	0.00040455	mg/L	0.0038418	0.00040455	mg/L	10.53%
Sn 189.933	294.6	0.0457404	0.00130291	mg/L	0.0457404	0.00130291	mg/L	2.85%
Be 234.861	-11010.6	0.0072955	0.00017752	mg/L	0.0072955	0.00017752	mg/L	2.43%
As 188.979	-10.2	0.0226454	0.00066687	mg/L	0.0226454	0.00066687	mg/L	2.94%
Sb 206.833	89.2	0.0026741	0.00215589	mg/L	0.0026741	0.00215589	mg/L	80.62%
Cr 206.158	7607.2	0.287432	0.0018105	mg/L	0.287432	0.0018105	mg/L	0.63%
Pb 220.353	496.9	0.102122	0.0008740	mg/L	0.102122	0.0008740	mg/L	0.86%
Ni 231.604	5079.5	0.204733	0.0007097	mg/L	0.204733	0.0007097	mg/L	0.35%
Tl 190.800	-152.8	-0.0036322	0.00419361	mg/L	-0.0036322	0.00419361	mg/L	115.46%

Mean Data

ID: 18916-022

Sample Qty: 1.0000 mL

Seq. No.: 41

Prep. Vol.:
Data: Original

Sample No.: 24

1.0 mL

A/S Pos: 139

Dilution:

Date: 8/16/05

1.0:

1.0

11:18:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1854.9	-0.0040436	0.0000960	mg/L	-0.0040436	0.0000960	mg/L	0.24%
Al 308.215	757058.1	40.9602	0.32368	mg/L	40.9602	0.32368	mg/L	0.79%
Ba 233.527	390459.7	7.04329	0.042843	mg/L	7.04329	0.042843	mg/L	0.61%
Ca 315.887	5503422.7	78.4830	0.55688	mg/L	78.4830	0.55688	mg/L	0.71%
Cd 226.502	5412.1	0.0339922	0.00007370	mg/L	0.0339922	0.00007370	mg/L	0.22%
Co 228.616	1932.3	0.0609731	0.00001172	mg/L	0.0609731	0.00001172	mg/L	0.02%
Cu 324.754	340046.5	2.26958	0.013401	mg/L	2.26958	0.013401	mg/L	0.59%
Fe 273.955	3332425.7	208.582	1.5611	mg/L	208.582	1.5611	mg/L	0.75%
Mg 279.079	254634.4	19.4881	0.13436	mg/L	19.4881	0.13436	mg/L	0.69%
Mn 257.610	1410683.0	2.67994	0.020992	mg/L	2.67994	0.020992	mg/L	0.78%
Se 196.026	-205.1	0.0190047	0.00123166	mg/L	0.0190047	0.00123166	mg/L	6.48%
V 292.402	20192.8	0.146745	0.0016997	mg/L	0.146745	0.0016997	mg/L	1.16%
Zn 206.200	1143340.3	24.7974	0.18227	mg/L	24.7974	0.18227	mg/L	0.74%
Na 330.237	-69463.9	-19.7043	0.05362	mg/L	-19.7043	0.05362	mg/L	0.27%
Ti 334.941	847846.7	1.73368	0.013481	mg/L	1.73368	0.013481	mg/L	0.78%
Mo 202.030	84.7	0.0169078	0.00047742	mg/L	0.0169078	0.00047742	mg/L	2.82%
Sn 189.933	1655.1	0.184872	0.0007452	mg/L	0.184872	0.0007452	mg/L	0.40%
Be 234.861	-17797.0	0.0036947	0.00004976	mg/L	0.0036947	0.00004976	mg/L	1.35%
As 188.979	1768.2	0.691915	0.0036357	mg/L	0.691915	0.0036357	mg/L	0.53%
Sb 206.833	212.2	0.0359718	0.00257072	mg/L	0.0359718	0.00257072	mg/L	7.15%
Cr 206.158	8.1	0.162849	0.0006650	mg/L	0.162849	0.0006650	mg/L	0.41%
Pb 220.353	266669.9	54.5099	0.33660	mg/L	54.5099	0.33660	mg/L	0.62%
Ni 231.604	6226.9	0.248096	0.0014698	mg/L	0.248096	0.0014698	mg/L	0.59%
Tl 190.800	-118.9	-0.0079341	0.00068759	mg/L	-0.0079341	0.00068759	mg/L	8.67%

Mean Data

ID: 18916-023

Sample Qty: 1.0000 mL

Seq. No.: 42

Prep. Vol.:
Data: Original

Sample No.: 25

1.0 mL

A/S Pos: 140

Dilution:

Date: 8/16/05

1.0:

1.0

11:22:58 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2502.6	-0.0052262	0.00013226	mg/L	-0.0052262	0.00013226	mg/L	2.53%
Al 308.215	512897.9	27.6479	0.11832	mg/L	27.6479	0.11832	mg/L	0.43%
Ba 233.527	45265.0	0.816511	0.0072789	mg/L	0.816511	0.0072789	mg/L	0.89%
Ca 315.887	1263785.4	17.6344	0.18029	mg/L	17.6344	0.18029	mg/L	1.02%
Cd 226.502	536.3	-0.0004862	0.00003600	mg/L	-0.0004862	0.00003600	mg/L	7.40%
Co 228.616	1643.6	0.0517786	0.00021974	mg/L	0.0517786	0.00021974	mg/L	0.42%
Cu 324.754	156210.2	1.01033	0.001584	mg/L	1.01033	0.001584	mg/L	0.16%

Fe 273.955	1100750.7	68.8493	0.54854	mg/L	68.8493	0.54854	mg/L	0.80%
Mg 279.079	76204.3	5.83220	0.060821	mg/L	5.83220	0.060821	mg/L	1.04%
Mn 257.610	540962.6	1.02769	0.007696	mg/L	1.02769	0.007696	mg/L	0.75%
Se 196.026	9.6	0.0123018	0.00136519	mg/L	0.0123018	0.00136519	mg/L	11.10%
V 292.402	15489.5	0.0983825	0.00061652	mg/L	0.0983825	0.00061652	mg/L	0.63%
Zn 206.200	258042.6	5.58417	0.059340	mg/L	5.58417	0.059340	mg/L	1.06%
Na 330.237	-13609.2	-2.25084	0.070398	mg/L	-2.25084	0.070398	mg/L	3.13%
Ti 334.941	1166366.4	2.38499	0.012093	mg/L	2.38499	0.012093	mg/L	0.51%
Mo 202.030	75.9	0.0080470	0.00031682	mg/L	0.0080470	0.00031682	mg/L	3.94%
Sn 189.933	682.6	0.0822819	0.00095157	mg/L	0.0822819	0.00095157	mg/L	1.16%
Be 234.861	-4796.8	0.0032696	0.0001839	mg/L	0.0032696	0.0001839	mg/L	0.56%
As 188.979	134.2	0.0600808	0.00111362	mg/L	0.0600808	0.00111362	mg/L	1.85%
Sb 206.833	139.9	0.0163986	0.00025411	mg/L	0.0163986	0.00025411	mg/L	1.55%
Cr 206.158	2750.5	0.140531	0.0007198	mg/L	0.140531	0.0007198	mg/L	0.51%
Pb 220.353	6717.6	1.36705	0.005746	mg/L	1.36705	0.005746	mg/L	0.42%
Ni 231.604	3144.7	0.131767	0.0009040	mg/L	0.131767	0.0009040	mg/L	0.69%
Tl 190.800	-123.5	-0.0034878	0.00061552	mg/L	-0.0034878	0.00061552	mg/L	17.65%

Mean Data

ID: 18916-024	Seq. No.: 43	Sample No.: 26	A/S Pos: 141
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:26:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3873.0	-0.0085510	0.00056503	mg/L	-0.0085510	0.00056503	mg/L	6.61%
Al 308.215	1539693.5	83.6318	0.73695	mg/L	83.6318	0.73695	mg/L	0.88%
Ba 233.527	63328.4	1.14235	0.010520	mg/L	1.14235	0.010520	mg/L	0.92%
Ca 315.887	1153302.4	16.0487	0.16217	mg/L	16.0487	0.16217	mg/L	1.01%
Cd 226.502	1082.2	-0.0017858	0.00005858	mg/L	-0.0017858	0.00005858	mg/L	3.28%
Co 228.616	2822.1	0.0893180	0.00045284	mg/L	0.0893180	0.00045284	mg/L	0.51%
Cu 324.754	25880.8	0.129502	0.0003230	mg/L	0.129502	0.0003230	mg/L	0.25%
Fe 273.955	2380523.6	148.980	1.3935	mg/L	148.980	1.3935	mg/L	0.94%
Ag 279.079	370129.5	28.3274	0.29964	mg/L	28.3274	0.29964	mg/L	1.06%
Mn 257.610	1651810.8	3.13802	0.027999	mg/L	3.13802	0.027999	mg/L	0.89%
Se 196.026	-122.5	0.0146647	0.00086336	mg/L	0.0146647	0.00086336	mg/L	5.89%
V 292.402	36900.5	0.235017	0.0022638	mg/L	0.235017	0.0022638	mg/L	0.96%
Zn 206.200	26883.2	0.567403	0.0046275	mg/L	0.567403	0.0046275	mg/L	0.82%
Na 330.237	-300.5	0.476246	0.0384450	mg/L	0.476246	0.0384450	mg/L	8.07%
Ti 334.941	1759760.5	3.59837	0.029683	mg/L	3.59837	0.029683	mg/L	0.82%
Mo 202.030	-92.2	0.0042075	0.00037688	mg/L	0.0042075	0.00037688	mg/L	8.96%
Sn 189.933	468.1	0.0630831	0.00096628	mg/L	0.0630831	0.00096628	mg/L	1.53%
Be 234.861	-11082.9	0.0057372	0.00010059	mg/L	0.0057372	0.00010059	mg/L	1.75%
As 188.979	9.3	0.0288802	0.00029444	mg/L	0.0288802	0.00029444	mg/L	1.02%
Sb 206.833	91.0	0.0031477	0.00044716	mg/L	0.0031477	0.00044716	mg/L	14.21%
Cr 206.158	7635.9	0.288518	0.0037898	mg/L	0.288518	0.0037898	mg/L	1.31%
Pb 220.353	8992.5	1.83820	0.003394	mg/L	1.83820	0.003394	mg/L	0.18%
Ni 231.604	4795.0	0.193112	0.0002677	mg/L	0.193112	0.0002677	mg/L	0.14%
Tl 190.800	-153.8	-0.0079617	0.00044164	mg/L	-0.0079617	0.00044164	mg/L	5.55%

Mean Data

ID: 18916-025	Seq. No.: 44	Sample No.: 27	A/S Pos: 142
Sample Qty: 1.0000 mL	Prep. Vol.: 1.0 mL	Dilution: 1.0:	1.0
	Data: Original	Date: 8/16/05	11:29:10 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-608.2	-0.0041693	0.00025242	mg/L	-0.0041693	0.00025242	mg/L	6.05%
Al 308.215	6852.2	0.0567967	0.00218669	mg/L	0.0567967	0.00218669	mg/L	3.85%
Ba 233.527	1631.4	0.0294273	0.00014883	mg/L	0.0294273	0.00014883	mg/L	0.51%
Ca 315.887	129671.8	1.35727	0.027134	mg/L	1.35727	0.027134	mg/L	2.00%
Cd 226.502	-213.9	-0.0020026	0.00009766	mg/L	-0.0020026	0.00009766	mg/L	4.88%
Co 228.616	-81.2	-0.0031648	0.00004602	mg/L	-0.0031648	0.00004602	mg/L	1.45%
Cu 324.754	9203.5	0.0100463	0.00020068	mg/L	0.0100463	0.00020068	mg/L	2.00%
Fe 273.955	1719.9	0.0353415	0.00780883	mg/L	0.0353415	0.00780883	mg/L	22.10%
Mg 279.079	3211.2	0.245767	0.0092397	mg/L	0.245767	0.0092397	mg/L	3.76%
Mn 257.610	3688.5	0.0070072	0.00007412	mg/L	0.0070072	0.00007412	mg/L	1.06%
Se 196.026	73.4	0.0021106	0.00131349	mg/L	0.0021106	0.00131349	mg/L	62.23%
V 292.402	-175.5	-0.0031199	0.00004675	mg/L	-0.0031199	0.00004675	mg/L	1.50%
Zn 206.200	1480.0	0.0160874	0.00041369	mg/L	0.0160874	0.00041369	mg/L	2.57%
Na 330.237	3363.2	2.52052	0.026208	mg/L	2.52052	0.026208	mg/L	1.04%
Ti 334.941	406.0	0.0008303	0.00016500	mg/L	0.0008303	0.00016500	mg/L	19.87%

Mo 202.030	-114.3	-0.0030427	0.00011284	mg/L	-0.0030427	0.00011284	mg/L	3.71%
Sn 189.933	544.0	0.0608313	0.00029734	mg/L	0.0608313	0.00029734	mg/L	0.49%
Be 234.861	-344.9	-0.0006562	0.00000936	mg/L	-0.0006562	0.00000936	mg/L	1.43%
As 188.979	-35.7	-0.0043348	0.00086974	mg/L	-0.0043348	0.00086974	mg/L	20.06%
Sb 206.833	78.5	-0.0002296	0.00008490	mg/L	-0.0002296	0.00008490	mg/L	36.97%
Cr 206.158	177.4	0.0067046	0.00003961	mg/L	0.0067046	0.00003961	mg/L	0.59%
Pb 220.353	45.6	0.0029376	0.00212600	mg/L	0.0029376	0.00212600	mg/L	72.37%
Ni 231.604	72.2	0.0033058	0.00020250	mg/L	0.0033058	0.00020250	mg/L	6.13%
Tl 190.800	-86.4	-0.0079679	0.00140123	mg/L	-0.0079679	0.00140123	mg/L	17.59%

Mean Data

ID: MB FB (1) Seq. No.: 45 Sample No.: 28 A/S Pos: 143
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 11:32:10 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-576.2	-0.0039498	0.00019089	mg/L	-0.0039498	0.00019089	mg/L	4.83%
Al 308.215	8609.3	0.152602	0.0009673	mg/L	0.152602	0.0009673	mg/L	0.63%
Ba 233.527	36.2	0.0006534	0.00008408	mg/L	0.0006534	0.00008408	mg/L	12.87%
Ca 315.887	15431.8	-0.282336	0.0070920	mg/L	-0.282336	0.0070920	mg/L	2.51%
Cd 226.502	-203.5	-0.0019052	0.00002869	mg/L	-0.0019052	0.00002869	mg/L	1.51%
Co 228.616	-94.7	-0.0035950	0.00006496	mg/L	-0.0035950	0.00006496	mg/L	1.81%
Cu 324.754	8161.6	0.0029571	0.00013770	mg/L	0.0029571	0.00013770	mg/L	4.66%
Fe 273.955	1740.6	0.0366389	0.00451273	mg/L	0.0366389	0.00451273	mg/L	12.32%
Mg 279.079	1488.4	0.113916	0.0062954	mg/L	0.113916	0.0062954	mg/L	5.53%
Mn 257.610	2174.0	0.0041300	0.00002115	mg/L	0.0041300	0.00002115	mg/L	0.51%
Se 196.026	64.9	0.0007165	0.00075738	mg/L	0.0007165	0.00075738	mg/L	105.70%
V 292.402	-146.6	-0.0029518	0.00027914	mg/L	-0.0029518	0.00027914	mg/L	9.46%
Zn 206.200	932.3	0.0042014	0.00050493	mg/L	0.0042014	0.00050493	mg/L	12.02%
Na 330.237	2584.3	1.60071	0.035275	mg/L	1.60071	0.035275	mg/L	2.20%
Ti 334.941	309.7	0.0006332	0.00006024	mg/L	0.0006332	0.00006024	mg/L	9.51%
Mo 202.030	-115.8	-0.0031335	0.00003832	mg/L	-0.0031335	0.00003832	mg/L	1.22%
Sn 189.933	318.0	0.0369557	0.00105057	mg/L	0.0369557	0.00105057	mg/L	2.84%
Be 234.861	-412.9	-0.0007854	0.00000464	mg/L	-0.0007854	0.00000464	mg/L	0.59%
As 188.979	-37.4	-0.0049839	0.00183972	mg/L	-0.0049839	0.00183972	mg/L	36.91%
Sb 206.833	83.4	0.0010827	0.00063948	mg/L	0.0010827	0.00063948	mg/L	59.07%
Cr 206.158	167.2	0.0063189	0.00011503	mg/L	0.0063189	0.00011503	mg/L	1.82%
Pb 220.353	37.5	0.0012910	0.00279940	mg/L	0.0012910	0.00279940	mg/L	216.84%
Ni 231.604	-4.3	-0.0001966	0.00011594	mg/L	-0.0001966	0.00011594	mg/L	58.99%
Tl 190.800	-84.8	-0.0069899	0.00151981	mg/L	-0.0069899	0.00151981	mg/L	21.74%

Mean Data

ID: LCSW Seq. No.: 46 Sample No.: 29 A/S Pos: 144
 Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 11:35:16 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71317.9	0.488851	0.0048674	mg/L	0.488851	0.0048674	mg/L	1.00%
Al 308.215	91106.7	4.65060	0.051334	mg/L	4.65060	0.051334	mg/L	1.10%
Ba 233.527	26728.8	0.482146	0.0049461	mg/L	0.482146	0.0049461	mg/L	1.03%
Ca 315.887	3434338.1	48.7868	0.71254	mg/L	48.7868	0.71254	mg/L	1.46%
Cd 226.502	51584.8	0.483065	0.0058019	mg/L	0.483065	0.0058019	mg/L	1.20%
Co 228.616	15482.7	0.492609	0.0012562	mg/L	0.492609	0.0012562	mg/L	0.26%
Cu 324.754	79540.9	0.488645	0.0062703	mg/L	0.488645	0.0062703	mg/L	1.28%
Fe 273.955	80153.3	4.94632	0.066053	mg/L	4.94632	0.066053	mg/L	1.34%
Mg 279.079	622897.7	47.6727	0.68667	mg/L	47.6727	0.68667	mg/L	1.44%
Mn 257.610	262835.5	0.499320	0.0069744	mg/L	0.499320	0.0069744	mg/L	1.40%
Se 196.026	2954.5	0.474939	0.0000213	mg/L	0.474939	0.0000213	mg/L	0.00%
V 292.402	83308.9	0.476239	0.0071931	mg/L	0.476239	0.0071931	mg/L	1.51%
Zn 206.200	24387.1	0.513232	0.0074634	mg/L	0.513232	0.0074634	mg/L	1.45%
Na 330.237	38302.7	45.1148	0.33869	mg/L	45.1148	0.33869	mg/L	0.75%
Ti 334.941	235058.8	0.480649	0.0056148	mg/L	0.480649	0.0056148	mg/L	1.17%
Mo 202.030	8221.5	0.482986	0.0000306	mg/L	0.482986	0.0000306	mg/L	0.01%
Sn 189.933	4738.5	0.503889	0.0018458	mg/L	0.503889	0.0018458	mg/L	0.37%
Be 234.861	254542.7	0.484211	0.0066422	mg/L	0.484211	0.0066422	mg/L	1.37%
As 188.979	1297.3	0.500922	0.0009493	mg/L	0.500922	0.0009493	mg/L	0.19%
Sb 206.833	1894.9	0.491816	0.0009167	mg/L	0.491816	0.0009167	mg/L	0.19%
Cr 206.158	13469.0	0.508919	0.0048831	mg/L	0.508919	0.0048831	mg/L	0.96%
Pb 220.353	2412.5	0.486855	0.0010842	mg/L	0.486855	0.0010842	mg/L	0.22%
Ni 231.604	10861.3	0.497298	0.0007630	mg/L	0.497298	0.0007630	mg/L	0.15%

Tl 190.800 729.0 0.476374 0.0011760 mg/L 0.476374 0.0011760 mg/L 0.25%

Mean Data

ID: ICSA V-4505 Seq. No.: 47 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: 8/16/05 11:39:32 AM

Table with 8 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: ICSAB V-4506 Seq. No.: 48 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: 8/16/05 11:43:06 AM

Table with 8 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: CCV V-4510 Seq. No.: 49 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: 8/16/05 11:46:18 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	67999.7	0.466106	0.0017442	mg/L				0.37%
Al 308.215	93870.7	4.80130	0.010753	mg/L				0.22%
Ba 233.527	27041.7	0.487791	0.0019162	mg/L				0.39%
Ca 315.887	3454542.2	49.0768	0.24244	mg/L				0.49%
Cd 226.502	51997.0	0.486924	0.0023813	mg/L				0.49%
Co 228.616	15659.1	0.498226	0.0001038	mg/L				0.02%
Cu 324.754	80115.6	0.492555	0.0007001	mg/L				0.14%
Fe 273.955	80744.5	4.98333	0.024872	mg/L				0.50%
Mg 279.079	631620.9	48.3403	0.25264	mg/L				0.52%
Mn 257.610	262547.4	0.498773	0.0024498	mg/L				0.49%
Se 196.026	3125.9	0.503061	0.0022102	mg/L				0.44%
V 292.402	83901.9	0.479600	0.0026497	mg/L				0.55%
Zn 206.200	24201.0	0.509194	0.0032887	mg/L				0.65%
Na 330.237	38932.1	45.8476	0.05046	mg/L				0.11%
Ti 334.941	237726.2	0.486104	0.0022311	mg/L				0.46%
Mo 202.030	8279.0	0.486334	0.0005460	mg/L				0.11%
Sn 189.933	4489.6	0.477600	0.0021340	mg/L				0.45%
Be 234.861	261165.3	0.496809	0.0026036	mg/L				0.52%
As 188.979	1338.8	0.516652	0.0004761	mg/L				0.09%
Sb 206.833	1939.8	0.503981	0.0003786	mg/L				0.08%
Cr 206.158	13484.5	0.509505	0.0023097	mg/L				0.45%
Pb 220.353	2422.3	0.488857	0.0000672	mg/L				0.01%
Ni 231.604	10961.0	0.501866	0.0002632	mg/L				0.05%
Tl 190.800	751.5	0.489660	0.0000857	mg/L				0.02%

Mean Data
 ID: CCB
 Sample Qty: 1.0000 g Seq. No.: 50 Sample No.: 6 A/S Pos: 1
 Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
 Data: Original Date: 8/16/05 11:49:22 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-486.0	-0.0033314	0.00044750	mg/L				13.43%
Al 308.215	6318.0	0.0276698	0.00399877	mg/L				14.45%
Ba 233.527	-0.1	-0.0000019	0.00008368	mg/L				>999.9%
Ca 315.887	9393.3	-0.369002	0.0078299	mg/L				2.12%
Cd 226.502	-191.2	-0.0017902	0.00000746	mg/L				0.42%
Co 228.616	-88.5	-0.0033968	0.00007410	mg/L				2.18%
Cu 324.754	8174.4	0.0030440	0.00023318	mg/L				7.66%
Fe 273.955	686.7	-0.0293498	0.00138581	mg/L				4.72%
Mg 279.079	1235.1	0.0945295	0.00341797	mg/L				3.62%
Mn 257.610	753.0	0.0014306	0.00000772	mg/L				0.54%
Se 196.026	43.9	-0.0027339	0.00266506	mg/L				97.48%
V 292.402	-198.5	-0.0032535	0.00031049	mg/L				9.54%
Zn 206.200	454.9	-0.0061593	0.00033523	mg/L				5.44%
Na 330.237	1948.2	0.849526	0.0939612	mg/L				11.06%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	134.7	0.0002754	0.00006595	mg/L				23.94%
Mo 202.030	-102.1	-0.0023307	0.00001901	mg/L				0.82%
Sn 189.933	-38.3	-0.0006769	0.00072796	mg/L				107.54%
Be 234.861	-339.1	-0.0006451	0.00000760	mg/L				1.18%
As 188.979	-35.7	-0.0043412	0.00057014	mg/L				13.13%
Sb 206.833	69.9	-0.0025585	0.00063611	mg/L				24.86%
Cr 206.158	135.9	0.0051367	0.00029392	mg/L				5.72%
Pb 220.353	16.4	-0.0030269	0.00054099	mg/L				17.87%
Ni 231.604	-13.1	-0.0006020	0.00010318	mg/L				17.14%
Tl 190.800	-68.9	0.0023550	0.00143118	mg/L				60.77%

1612

Calibration Summary

Method: PE1 Axial

Date: 8/16/05

11:56:07 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	145888.8	0.00000	0.999882
Al 308.215	3	Linear	5810.5	18340.9	0.00000	0.999962
Ba 233.527	3	Linear-thru-Zero	0.0	55437.1	0.00000	0.999701
Ca 315.887	3	Linear	35103.6	69675.2	0.00000	0.999817
Cd 226.502	3	Linear-thru-Zero	0.0	106786.5	0.00000	0.999862
Co 228.616	3	Linear	18.1	31393.2	0.00000	0.999845
Cu 324.754	3	Linear	7727.0	146965.5	0.00000	1.000000
Fe 273.955	3	Linear	1155.4	15971.0	0.00000	0.999880
Mg 279.079	3	Linear-thru-Zero	0.0	13066.1	0.00000	0.999983
Mn 257.610	3	Linear-thru-Zero	0.0	526386.9	0.00000	0.999844
Se 196.026	3	Linear	60.6	6093.4	0.00000	0.999925
V 292.402	3	Linear	360.6	171843.1	0.00000	0.999863
Zn 206.200	3	Linear	738.7	46077.4	0.00000	0.999552
Na 330.237	3	Linear	1228.9	846.8	0.00000	0.999156
Pi 334.941	3	Linear-thru-Zero	0.0	489044.1	0.00000	0.999968
Mo 202.030	3	Linear	-62.1	17150.9	0.00000	0.999930
Sn 189.933	3	Linear	-31.9	9467.1	0.00000	0.999960
Be 234.861	3	Linear-thru-Zero	0.0	525685.4	0.00000	0.999962
As 188.979	3	Linear	-24.3	2638.4	0.00000	0.999800
Sb 206.833	3	Linear	79.4	3691.4	0.00000	0.999920
Cr 206.158	3	Linear-thru-Zero	0.0	26466.0	0.00000	0.999406
Pb 220.353	3	Linear	31.2	4891.1	0.00000	0.999904
Ni 231.604	3	Linear-thru-Zero	0.0	21840.6	0.00000	0.999799
Tl 190.800	3	Linear	-72.9	1702.1	0.00000	0.999982

Method: PE1 Axial

IEC: 121704.IEC

MSF:

Results: S6247A

Spectra Stored: Yes

Method Stored: Yes

Sample Info: s6247a

User: User1

Date: 8/16/05 11:56:07 AM

Method Description: 200.7/SW846

Mean Data - 219.45

ID: 18916-001 8/16/05
 Sample Qty: 1.0000 mL
 Seq. No.: 1 Sample No.: 1 A/S Pos: 146
 Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0
 Data: Original Date: 8/16/05 11:57:34 AM

Element	Mean Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-715.7	-0.0049060	0.00029191	mg/L	-0.0245302	0.00145955	mg/L	5.95%
Al 308.215	164757.4	8.66625	0.036219	mg/L	43.3313	0.18110	mg/L	0.42%
Ba 233.527	76328.9	1.37686	0.006208	mg/L	6.88428	0.031041	mg/L	0.45%
Ca 315.887	316939.7	4.04500	0.024914	mg/L	20.2250	0.12457	mg/L	0.62%
Cd 226.502	889.3	0.0042210	0.00005961	mg/L	0.0211052	0.00029806	mg/L	1.41%
Co 228.616	453.5	0.0138679	0.00003100	mg/L	0.0693393	0.00015500	mg/L	0.22%
Cu 324.754	65739.4	0.394735	0.0008921	mg/L	1.97367	0.004460	mg/L	0.23%
Fe 273.955	820909.8	51.3275	0.22246	mg/L	256.638	1.1123	mg/L	0.43%
Mg 279.079	52943.1	4.05194	0.020525	mg/L	20.2597	0.10263	mg/L	0.51%
Mn 257.610	434077.7	0.824636	0.0030046	mg/L	4.12318	0.015023	mg/L	0.36%
Se 196.026	-15.3	0.0029469	0.00165345	mg/L	0.0147344	0.00826727	mg/L	56.11%
V 292.402	4005.4	0.0289213	0.00024405	mg/L	0.144606	0.0012203	mg/L	0.84%
Zn 206.200	259103.6	5.60719	0.031670	mg/L	28.0360	0.15835	mg/L	0.56%
Na 330.237	-13621.0	-2.96786	0.051601	mg/L	-14.8393	0.25800	mg/L	1.74%
Pi 334.941	142636.5	0.291664	0.0007677	mg/L	1.45832	0.003838	mg/L	0.26%
Mo 202.030	-71.2	-0.0005318	0.00019167	mg/L	-0.0026590	0.00095834	mg/L	36.04%
Sn 189.933	212.3	0.0257942	0.00018453	mg/L	0.128971	0.0009226	mg/L	0.72%
Be 234.861	-4795.8	0.0001171	0.00005051	mg/L	0.0005857	0.00025256	mg/L	43.12%
As 188.979	76.3	0.0381230	0.00082023	mg/L	0.190615	0.0041012	mg/L	2.15%
Sb 206.833	87.4	0.0021766	0.00117041	mg/L	0.0108831	0.00585203	mg/L	53.77%
Cr 206.158	64.1	0.0391753	0.00071184	mg/L	0.195876	0.0035592	mg/L	1.82%
Pb 220.353	51052.4	10.4315	0.05389	mg/L	52.1573	0.26945	mg/L	0.52%
Ni 231.604	1365.7	0.0534210	0.00003949	mg/L	0.267105	0.0001975	mg/L	0.07%
Tl 190.800	-78.1	-0.0030585	0.00060624	mg/L	-0.0152927	0.00303122	mg/L	19.82%

Mean Data ID: 18916-022

Seq. No.: 2

Sample No.: 2

A/S Pos: 147

111

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0
Data: Original Date: 8/16/05 12:01:19 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: ICSA V-4505 Seq. No.: 3 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: 8/16/05 12:05:29 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: ICSAB V-4506 Seq. No.: 4 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: 8/16/05 12:09:03 PM

Table with 9 columns: Element, Mean Corr. Intensity, Mean Conc., Std.Dev., Calib Units, Mean Conc., Std.Dev., Sample Units, RSD. Lists elements Ag and Al with their respective values.

Ba	233.527	24177.8	0.436130	0.0016128	mg/L	0.37%
Ca	315.887	29384867.9	421.237	0.5740	mg/L	0.14%
Cd	226.502	97238.1	0.896881	0.0026117	mg/L	0.29%
Co	228.616	14397.7	0.458047	0.0003666	mg/L	0.08%
Cu	324.754	78100.8	0.485718	0.0031715	mg/L	0.65%
Fe	273.955	2736371.0	171.261	0.5550	mg/L	0.32%
Mg	279.079	6346418.9	485.716	2.2309	mg/L	0.46%
Mn	257.610	240950.9	0.457745	0.0024742	mg/L	0.54%
Se	196.026	5523.6	0.941322	0.0080334	mg/L	0.85%
V	292.402	82909.9	0.440301	0.0017099	mg/L	0.39%
Zn	206.200	40657.3	0.866337	0.0012690	mg/L	0.15%
Na	330.237	-663.8	-5.75621	0.026384	mg/L	0.46%
*QC exceeds lower limit for Na 330.237 Action = Continue						
Ti	334.941	-251.1	-0.0005135	0.00000631	mg/L	1.23%
Mo	202.030	-193.7	-0.0008195	0.00022711	mg/L	27.71%
Sn	189.933	-80.1	-0.0050871	0.00088370	mg/L	17.37%
Be	234.861	238564.1	0.484646	0.0029590	mg/L	0.61%
As	188.979	2579.9	0.997312	0.0009686	mg/L	0.10%
Sb	206.833	3684.4	0.964287	0.0002248	mg/L	0.02%
Cr	206.158	12562.4	0.459031	0.0012929	mg/L	0.28%
Pb	220.353	4283.2	0.907995	0.0042448	mg/L	0.47%
Ni	231.604	20399.3	0.892738	0.0016314	mg/L	0.18%
Tl	190.800	1535.4	0.944897	0.0006870	mg/L	0.07%

Mean Data

ID: CCV V-4510 Seq. No.: 5 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: 8/16/05 12:12:17 PM

Element	Mean	Corr.	Mean	Std.Dev.	Calib	Mean	Std.Dev.	Sample	RSD
	Conc.	Intensity	Conc.		Units	Conc.		Units	
Ag	328.068	68467.2	0.469311	0.0043722	mg/L	0.93%			
Al	308.215	93633.3	4.78835	0.060658	mg/L	1.27%			
Ba	233.527	26505.5	0.478118	0.0055481	mg/L	1.16%			
Ca	315.887	3413679.4	48.4903	0.31229	mg/L	0.64%			
Cd	226.502	53029.4	0.496593	0.0033200	mg/L	0.67%			
Co	228.616	15793.4	0.502504	0.0002662	mg/L	0.05%			
Cu	324.754	77864.4	0.477237	0.0065307	mg/L	1.37%			
Fe	273.955	81292.1	5.01762	0.043076	mg/L	0.86%			
Mg	279.079	645988.9	49.4400	0.43125	mg/L	0.87%			
Mn	257.610	266843.4	0.506934	0.0046787	mg/L	0.92%			
Se	196.026	3158.8	0.508459	0.0002505	mg/L	0.05%			
V	292.402	84625.0	0.483658	0.0042749	mg/L	0.88%			
Zn	206.200	24557.4	0.516927	0.0030574	mg/L	0.59%			
Na	330.237	38847.0	45.7673	0.49344	mg/L	1.08%			
Ti	334.941	242213.9	0.495280	0.0058636	mg/L	1.18%			
Mo	202.030	8219.9	0.482891	0.0004669	mg/L	0.10%			
Sn	189.933	4520.6	0.480871	0.0001549	mg/L	0.03%			
Be	234.861	267085.8	0.508072	0.0048192	mg/L	0.95%			
As	188.979	1322.4	0.510443	0.0033155	mg/L	0.65%			
Sb	206.833	1934.1	0.502446	0.0021785	mg/L	0.43%			
Cr	206.158	13294.5	0.502325	0.0048821	mg/L	0.97%			
Pb	220.353	2399.8	0.484272	0.0014401	mg/L	0.30%			
Ni	231.604	10626.0	0.486525	0.0007150	mg/L	0.15%			
Tl	190.800	773.8	0.502851	0.0020785	mg/L	0.41%			

Mean Data

ID: CCB Seq. No.: 6 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: 8/16/05 12:15:20 PM

Element	Mean	Corr.	Mean	Std.Dev.	Calib	Mean	Std.Dev.	Sample	RSD
	Conc.	Intensity	Conc.		Units	Conc.		Units	
Ag	328.068	-478.2	-0.0032775	0.00015748	mg/L	4.80%			
Al	308.215	6118.0	0.0167684	0.00695994	mg/L	41.51%			
Ba	233.527	4.4	0.0000795	0.00005913	mg/L	74.41%			
Ca	315.887	9495.7	-0.367532	0.0171055	mg/L	4.65%			
Cd	226.502	-174.8	-0.0016374	0.00006690	mg/L	4.09%			
Co	228.616	-84.6	-0.0032741	0.00000514	mg/L	0.16%			
Cu	324.754	8127.4	0.0027246	0.00034863	mg/L	12.80%			
Fe	273.955	702.7	-0.0283435	0.00262341	mg/L	9.26%			
Mg	279.079	1320.1	0.101032	0.0126516	mg/L	12.52%			

Mn 257.610	751.5	0.0014277	0.00002439	mg/L	1.71%
Se 196.026	48.3	-0.0020161	0.00075664	mg/L	37.53%
V 292.402	-182.8	-0.0031621	0.00012224	mg/L	3.87%
Zn 206.200	473.1	-0.0057649	0.00020689	mg/L	3.59%
Na 330.237	1890.1	0.780893	0.0381476	mg/L	4.89%
*QC exceeds upper limit for Na 330.237 Action = Continue					
Ti 334.941	123.5	0.0002526	0.00000396	mg/L	1.57%
Mo 202.030	-98.8	-0.0021408	0.00022644	mg/L	10.58%
Sn 189.933	-41.1	-0.0009724	0.00002062	mg/L	2.12%
Be 234.861	-334.6	-0.0006366	0.00003111	mg/L	4.89%
As 188.979	-37.0	-0.0048199	0.00102810	mg/L	21.33%
Sb 206.833	67.3	-0.0032694	0.00040482	mg/L	12.38%
Cr 206.158	139.1	0.0052552	0.00027605	mg/L	5.25%
Pb 220.353	16.0	-0.0031233	0.00115890	mg/L	37.11%
Ni 231.604	-3.7	-0.0001676	0.00026081	mg/L	155.61%
Tl 190.800	-66.4	0.0037992	0.00263062	mg/L	69.24%

1st *Rv/Analysis* *8/15/05* *V-5756*
Shiamal Bt 8/16/05

Method Name: HgCV1/SOIL
Method Description: HgCV1 SOIL
Element: Hg

Date: 08/15/2005
Technique: FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6246S.SIF

Results Data Set Name: H6246S

=====
Element: Hg Seq. No.: 22 AS Loc.: 1 Date: 08/15/2005
Sample ID: Calib Blank
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0004	0.0012	0.0004	03:51:44	No
2			0.0004	0.0009	0.0004	03:52:19	No
Mean:			0.0004				
SD :			0.0000				
%RSD:			5.2063				

Auto-zero performed.

=====
Element: Hg Seq. No.: 23 AS Loc.: 2 Date: 08/15/2005
Sample ID: 0.5 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0034	0.0168	0.0038	03:53:20	No
2			0.0034	0.0172	0.0039	03:53:55	No
Mean:			0.0034				
SD :			0.0000				
%RSD:			1.1191				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00679
Intercept : 0.00000

=====
Element: Hg Seq. No.: 24 AS Loc.: 3 Date: 08/15/2005
Sample ID: 1.0 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0066	0.0279	0.0070	03:54:56	No
2			0.0066	0.0299	0.0071	03:55:31	No
Mean:			0.0066				
SD :			0.0000				
%RSD:			0.6456				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99988 Slope: 0.00661
Intercept : 0.00003

=====
Element: Hg Seq. No.: 25 AS Loc.: 4 Date: 08/15/2005
Sample ID: 2.0 PPB
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0132	0.0582	0.0136	03:56:32	No
2			0.0133	0.0578	0.0137	03:57:07	No
Mean:			0.0132				
SD :			0.0001				
%RSD:			0.6571				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99997 Slope: 0.00661

Intercept : 0.00003

=====
 Element: Hg Seq. No.: 26 AS Loc.: 5 Date: 08/15/2005
 Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0329	0.1403	0.0333	03:58:08	No
2			0.0324	0.1364	0.0328	03:58:43	No
Mean:			0.0326				
SD :			0.0003				
%RSD:			0.9987				

[Hg] Standard number 4 applied. [5.000]
 Correlation Coefficient: 0.99998 Slope: 0.00652
 Intercept : 0.00010

=====
 Element: Hg Seq. No.: 27 AS Loc.: 6 Date: 08/15/2005
 Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0646	0.2723	0.0651	03:59:44	No
2			0.0641	0.2660	0.0645	04:00:19	No
Mean:			0.0644				
SD :			0.0004				
%RSD:			0.6139				

[Hg] Standard number 5 applied. [10.00]
 Correlation Coefficient: 0.99997 Slope: 0.00643
 Intercept : 0.00021

=====
 Element: Hg Seq. No.: 28 AS Loc.: 7 Date: 08/15/2005
 Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1566	0.6551	0.1570	04:01:20	No
2			0.1564	0.6506	0.1568	04:01:55	No
Mean:			0.1565				
SD :			0.0001				
%RSD:							

[Hg] Standard number 6 applied. [25.00]
 Correlation Coefficient: 0.99993 Slope: 0.00626
 Intercept : 0.00066

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0004	---	---	---	---
0.5 PPB	0.0034	0.500	0.438	0.0000	1.1
1.0 PPB	0.0066	1.000	0.952	0.0000	0.6
2.0 PPB	0.0132	2.000	2.013	0.0001	0.7
5.0 PPB	0.0326	5.000	5.111	0.0003	1.0
10.0 PPB	0.0644	10.000	10.18	0.0004	0.6
25.0 PPB	0.1565	25.000	24.91	0.0001	---
Correlation Coefficient: 0.99993		Slope:	0.00626	Intercept:	0.0007

=====
 Element: Hg Seq. No.: 29 AS Loc.: 9 Date: 08/15/2005
 Sample ID: ICV 1183 (2)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
--------	-----------------	---------------	-----------------	-----------	-------------	------	-------------

1	20.00	20.00	0.1258	0.5260	0.1262	04:02:59	No
2	20.04	20.04	0.1260	0.5273	0.1264	04:03:34	No
Mean:	20.02	20.02	0.1259				
SD :	0.0261	0.0261	0.0002				
%RSD:	0.1	0.1	0.1294				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 30 AS Loc.: 1 Date: 08/15/2005
 Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0007	0.0060	0.0011	04:04:35	No
2	-0.029	-0.029	0.0005	0.0049	0.0009	04:05:10	No
Mean:	-0.010	-0.010	0.0006				
SD :	0.0267	0.0267	0.0002				
%RSD:	263.3	263.3	28.1495				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 31 AS Loc.: 10 Date: 08/15/2005
 Sample ID: MB 6246 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	0.0005	0.0039	0.0009	04:06:11	No
2	-0.019	-0.019	0.0005	0.0047	0.0010	04:06:46	No
Mean:	-0.024	-0.024	0.0005				
SD :	0.0062	0.0062	0.0000				
%RSD:	26.1	26.1	7.6343				

=====
 Element: Hg Seq. No.: 32 AS Loc.: 11 Date: 08/15/2005
 Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.50	10.50	0.0664	0.2806	0.0668	04:07:47	No
2	10.62	10.62	0.0671	0.2794	0.0675	04:08:22	No
Mean:	10.56	10.56	0.0667				
SD :	0.0789	0.0789	0.0005				
%RSD:	0.7	0.7	0.7395				

=====
 Element: Hg Seq. No.: 33 AS Loc.: 12 Date: 08/15/2005
 Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.79	10.79	0.0681	0.2843	0.0686	04:09:23	No
2	10.87	10.87	0.0687	0.2855	0.0691	04:09:58	No
Mean:	10.83	10.83	0.0684				
SD :	0.0594	0.0594	0.0004				
%RSD:	0.5	0.5	0.5429				

=====
 Element: Hg Seq. No.: 34 AS Loc.: 13 Date: 08/15/2005
 Sample ID: 18916-008

Repl #	SampleConc µg/L	StndConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.705	0.705	0.0051	0.0224	0.0055	04:10:59	No
2	0.715	0.715	0.0051	0.0246	0.0056	04:11:34	No
Mean:	0.710	0.710	0.0051				
SD :	0.0076	0.0076	0.0000				
%RSD:	1.1	1.1	0.9315				

Element: Hg Seq. No.: 35 AS Loc.: 14 Date: 08/15/2005
 Sample ID: 18916-008 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.064	1.064	0.0073	0.0329	0.0077	04:12:35	No
2	1.079	1.079	0.0074	0.0331	0.0078	04:13:10	No
Mean:	1.072	1.072	0.0074				
SD :	0.0107	0.0107	0.0001				
%RSD:	1.0	1.0	0.9097				

Element: Hg Seq. No.: 36 AS Loc.: 15 Date: 08/15/2005
 Sample ID: 18916-008 MS 1
609 8/15

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.46	11.46	0.0723	0.3033	0.0727	04:14:10	No
2	11.37	11.37	0.0718	0.2998	0.0722	04:14:45	No
Mean:	11.41	11.41	0.0721				
SD :	0.0588	0.0588	0.0004				
%RSD:	0.5	0.5	0.5101				

Element: Hg Seq. No.: 37 AS Loc.: 16 Date: 08/15/2005
 Sample ID: 18916-008 MS 2
810 8/15

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.48	11.48	0.0724	0.3035	0.0729	04:15:46	No
2	11.52	11.52	0.0727	0.3041	0.0732	04:16:21	No
Mean:	11.50	11.50	0.0726				
SD :	0.0311	0.0311	0.0002				
%RSD:	0.3	0.3	0.2684				

Element: Hg Seq. No.: 38 AS Loc.: 17 Date: 08/15/2005
 Sample ID: 18916-001

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.451	2.451	0.0160	0.0691	0.0164	04:17:22	No
2	2.461	2.461	0.0161	0.0694	0.0165	04:17:57	No
Mean:	2.456	2.456	0.0160				
SD :	0.0069	0.0069	0.0000				
%RSD:	0.3	0.3	0.2697				

Element: Hg Seq. No.: 39 AS Loc.: 18 Date: 08/15/2005
 Sample ID: 18916-002

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.304	0.304	0.0026	0.0140	0.0030	04:18:58	No
2	0.279	0.279	0.0024	0.0118	0.0028	04:19:33	No
Mean:	0.291	0.291	0.0025				
SD :	0.0177	0.0177	0.0001				
%RSD:	6.1	6.1	4.4578				

Element: Hg Seq. No.: 40 AS Loc.: 19 Date: 08/15/2005
 Sample ID: 18916-003

Repl #	SampleConc µg/L	StndConc µg/L	BlncCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.193	0.193	0.0019	0.0088	0.0023	04:20:37	No
2	0.203	0.203	0.0019	0.0100	0.0024	04:21:12	No

Mean: 0.198 0.198 0.0019
 SD : 0.0071 0.0071 0.0000
 %RSD: 3.6 3.6 2.3323

=====
 Element: Hg Seq. No.: 41 AS Loc.: 8 Date: 08/15/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.23	10.23	0.0647	0.2682	0.0651	04:22:16	No
2	10.20	10.20	0.0644	0.2666	0.0649	04:22:51	No
Mean:	10.22	10.22	0.0646				
SD :	0.0253	0.0253	0.0002				
%RSD:	0.2	0.2	0.2456				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 42 AS Loc.: 1 Date: 08/15/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.048	-0.048	0.0004	0.0031	0.0008	04:23:54	No
2	-0.053	-0.053	0.0003	0.0033	0.0008	04:24:29	No
Mean:	-0.050	-0.050	0.0003				
SD :	0.0034	0.0034	0.0000				
%RSD:	6.8	6.8	6.2420				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 43 AS Loc.: 20 Date: 08/15/2005
 Sample ID: 18916-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.124	2.124	0.0139	0.0601	0.0144	04:25:31	No
2	2.114	2.114	0.0139	0.0586	0.0143	04:26:06	No
Mean:	2.119	2.119	0.0139				
SD :	0.0069	0.0069	0.0000				
%RSD:	0.3	0.3	0.3107				

=====
 Element: Hg Seq. No.: 44 AS Loc.: 21 Date: 08/15/2005
 Sample ID: 18916-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.101	2.101	0.0138	0.0593	0.0142	04:27:07	No
2	2.104	2.104	0.0138	0.0598	0.0142	04:27:42	No
Mean:	2.102	2.102	0.0138				
SD :	0.0020	0.0020	0.0000				
%RSD:							

=====
 Element: Hg Seq. No.: 45 AS Loc.: 22 Date: 08/15/2005
 Sample ID: 18916-006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.182	1.182	0.0081	0.0349	0.0085	04:28:43	No
2	1.185	1.185	0.0081	0.0354	0.0085	04:29:18	No
Mean:	1.184	1.184	0.0081				
SD :	0.0019	0.0019	0.0000				
%RSD:	0.2	0.2	0.1484				

=====
 Element: Hg Seq. No.: 46 AS Loc.: 23 Date: 08/15/2005

Sample ID: 18916-007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.933	0.933	0.0065	0.0292	0.0069	04:30:19	No
2	0.919	0.919	0.0064	0.0280	0.0068	04:30:54	No
Mean:	0.926	0.926	0.0064				
SD :	0.0099	0.0099	0.0001				
%RSD:	1.1	1.1	0.9577				

Element: Hg Seq. No.: 47 AS Loc.: 24 Date: 08/15/2005
Sample ID: 18916-011

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.172	1.172	0.0080	0.0348	0.0084	04:31:54	No
2	1.163	1.163	0.0079	0.0340	0.0084	04:32:29	No
Mean:	1.168	1.168	0.0080				
SD :	0.0066	0.0066	0.0000				
%RSD:	0.6	0.6	0.5169				

Element: Hg Seq. No.: 48 AS Loc.: 25 Date: 08/15/2005
Sample ID: 18916-012

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.099	0.099	0.0013	0.0079	0.0017	04:33:30	No
2	0.084	0.084	0.0012	0.0068	0.0016	04:34:05	No
Mean:	0.091	0.091	0.0012				
SD :	0.0106	0.0106	0.0001				
%RSD:	11.6	11.6	5.4213				

Element: Hg Seq. No.: 49 AS Loc.: 26 Date: 08/15/2005
Sample ID: 18916-013

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.424	1.424	0.0096	0.0422	0.0100	04:35:06	No
2	1.369	1.369	0.0092	0.0389	0.0097	04:35:41	No
Mean:	1.397	1.397	0.0094				
SD :	0.0390	0.0390	0.0002				
%RSD:	2.8	2.8	2.6002				

Element: Hg Seq. No.: 50 AS Loc.: 27 Date: 08/15/2005
Sample ID: 18916-014

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.370	1.370	0.0092	0.0416	0.0097	04:36:42	No
2	1.360	1.360	0.0092	0.0416	0.0096	04:37:17	No
Mean:	1.365	1.365	0.0092				
SD :	0.0067	0.0067	0.0000				
%RSD:	0.5	0.5	0.4535				

Element: Hg Seq. No.: 51 AS Loc.: 28 Date: 08/15/2005
Sample ID: 18916-015

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.185	0.185	0.0018	0.0093	0.0022	04:38:21	No
2	0.204	0.204	0.0019	0.0109	0.0024	04:38:56	No
Mean:	0.195	0.195	0.0019				
SD :	0.0135	0.0135	0.0001				

%RSD: 6.9 6.9 4.5094

=====
 Element: Hg Seq. No.: 52 AS Loc.: 29 Date: 08/15/2005
 Sample ID: 18916-016

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.074	1.074	0.0074	0.0336	0.0078	04:39:57	No
2	1.067	1.067	0.0073	0.0336	0.0078	04:40:33	No
Mean:	1.070	1.070	0.0074				
SD :	0.0048	0.0048	0.0000				
%RSD:	0.4	0.4	0.4073				

=====
 Element: Hg Seq. No.: 53 AS Loc.: 8 Date: 08/15/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.20	10.20	0.0644	0.2697	0.0649	04:41:37	No
2	10.21	10.21	0.0645	0.2692	0.0649	04:42:12	No
Mean:	10.20	10.20	0.0645				
SD :	0.0074	0.0074	0.0000				

%RSD:
 QC value within specified limits.

=====
 Element: Hg Seq. No.: 54 AS Loc.: 1 Date: 08/15/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0005	0.0042	0.0009	04:43:16	No
2	-0.025	-0.025	0.0005	0.0044	0.0009	04:43:51	No
Mean:	-0.026	-0.026	0.0005				
SD :	0.0014	0.0014	0.0000				
%RSD:	5.2	5.2	1.7327				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 55 AS Loc.: 30 Date: 08/15/2005
 Sample ID: 18916-017

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	23.87	23.87	0.1500	0.6270	0.1504	04:44:54	No
2	23.71	23.71	0.1490	0.6233	0.1494	04:45:29	No
Mean:	23.79	23.79	0.1495				
SD :	0.1173	0.1173	0.0007				
%RSD:	0.5	0.5	0.4909				

=====
 Element: Hg Seq. No.: 56 AS Loc.: 31 Date: 08/15/2005
 Sample ID: 18916-018

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.141	0.141	0.0015	0.0087	0.0020	04:46:30	No
2	0.110	0.110	0.0013	0.0074	0.0018	04:47:05	No
Mean:	0.125	0.125	0.0014				
SD :	0.0219	0.0219	0.0001				
%RSD:	17.5	17.5	9.5318				

=====
 Element: Hg Seq. No.: 57 AS Loc.: 32 Date: 08/15/2005
 Sample ID: 18916-019

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	18.80	18.80	0.1182	0.4947	0.1187	04:48:06	No
2	18.86	18.86	0.1186	0.4936	0.1191	04:48:41	No
Mean:	18.83	18.83	0.1184				
SD :	0.0447	0.0447	0.0003				
%RSD:	0.2	0.2	0.2362				

=====
 Element: Hg Seq. No.: 58 AS Loc.: 33 Date: 08/15/2005
 Sample ID: 18916-020

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.817	1.817	0.0120	0.0540	0.0125	04:49:42	No
2	1.795	1.795	0.0119	0.0515	0.0123	04:50:17	No
Mean:	1.806	1.806	0.0120				
SD :	0.0154	0.0154	0.0001				
%RSD:	0.9	0.9	0.8050				

=====
 Element: Hg Seq. No.: 59 AS Loc.: 8 Date: 08/15/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.34	10.34	0.0654	0.2725	0.0658	04:51:20	No
2	10.33	10.33	0.0653	0.2700	0.0657	04:51:55	No
Mean:	10.34	10.34	0.0653				
SD :	0.0102	0.0102	0.0001				
%RSD:							

QC value within specified limits.

=====
 Element: Hg Seq. No.: 60 AS Loc.: 1 Date: 08/15/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StdConc µg/L	BlkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	0.0004	0.0034	0.0009	04:52:59	No
2	-0.050	-0.050	0.0003	0.0030	0.0008	04:53:34	No
Mean:	-0.042	-0.042	0.0004				
SD :	0.0108	0.0108	0.0001				
%RSD:	25.7	25.7	17.1289				

QC value within specified limits.

%RSD: 136.0 136.0 577.0626

Element: Hg Seq. No.: 91 AS Loc.: 53 Date: 08/15/2005
Sample ID: 18916-021

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.106	-0.106	-0.0002	0.0041	0.0005	05:43:05	No
2	-0.140	-0.140	-0.0004	0.0027	0.0005	05:43:40	No
Mean:	-0.123	-0.123	-0.0003				
SD :	0.0243	0.0243	0.0002				
%RSD:	19.8	19.8	50.5142				

DATA NOT USED
8/16/05

Element: Hg Seq. No.: 92 AS Loc.: 8 Date: 08/15/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.504	0.504	0.0036	0.0193	0.0044	05:44:43	No
2	0.761	0.761	0.0052	0.0276	0.0060	05:45:18	No
Mean:	0.632	0.632	0.0044				
SD :	0.1815	0.1815	0.0011				
%RSD:	28.7	28.7	25.6690				

QC failed, value less than lower limit for Hg.
Alarm sounded, system waiting for operator action.

Method Name: HgCV1 SOIL
Method Description: HgCV1 SOIL
Element: Hg

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Shiamal But 8/16/05
V-5779

Date: 08/16/2005
Technique: FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6246S.SIF

Results Data Set Name: ~~H46475~~ *H62475* *8/2/05*

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 08/16/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0005	0.0018	0.0005	08:55:26	No
2			0.0006	0.0033	0.0006	08:56:01	No
Mean:			0.0005				
SD :			0.0001				
%RSD:			13.9783				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 08/16/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StdConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0031	0.0144	0.0036	08:57:02	No
2			0.0032	0.0156	0.0037	08:57:37	No
Mean:			0.0031				
SD :			0.0001				
%RSD:			1.6215				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000
Intercept : 0.00000

Slope: 0.00623

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 08/16/2005
 Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0066	0.0302	0.0071	08:58:38	No
2			0.0064	0.0269	0.0069	08:59:13	No
Mean:			0.0065				
SD :			0.0002				
%RSD:			2.4790				

[Hg] Standard number 2 applied. [1.000]
 Correlation Coefficient: 0.99978 Slope: 0.00647
 Intercept : -0.00004

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 08/16/2005
 Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0129	0.0545	0.0134	09:00:14	No
2			0.0129	0.0529	0.0134	09:00:49	No
Mean:			0.0129				
SD :			0.0000				
%RSD:							

[Hg] Standard number 3 applied. [2.000]
 Correlation Coefficient: 0.99995 Slope: 0.00645
 Intercept : -0.00003

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 08/16/2005
 Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0323	0.1307	0.0329	09:01:50	No
2			0.0326	0.1324	0.0332	09:02:25	No
Mean:			0.0325				
SD :			0.0002				
%RSD:			0.6500				

[Hg] Standard number 4 applied. [5.000]
 Correlation Coefficient: 0.99999 Slope: 0.00651
 Intercept : -0.00008

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 08/16/2005
 Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0653	0.2617	0.0658	09:03:26	No
2			0.0655	0.2622	0.0660	09:04:01	No
Mean:			0.0654				
SD :			0.0002				
%RSD:			0.2411				

[Hg] Standard number 5 applied. [10.00]
 Correlation Coefficient: 0.99999 Slope: 0.00655
 Intercept : -0.00012

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 08/16/2005
 Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1606	0.6433	0.1611	09:05:02	No
2			0.1618	0.6441	0.1624	09:05:37	No
Mean:			0.1612				

SD : 0.0009
 %RSD: 0.5459
 [Hg] Standard number 6 applied. [25.00]
 Correlation Coefficient: 0.99998 Slope: 0.00646
 Intercept : 0.00010

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD	
Calib Blank	0.0005	---	---	---	---	
0.5 PPB	0.0031	0.500	0.467	0.0001	1.6	
1.0 PPB	0.0065	1.000	0.986	0.0002	2.5	
2.0 PPB	0.0129	2.000	1.976	0.0000	---	
5.0 PPB	0.0325	5.000	5.018	0.0002	0.7	
10.0 PPB	0.0654	10.000	10.11	0.0002	0.2	
25.0 PPB	0.1612	25.000	24.95	0.0009	0.5	
Correlation Coefficient:		0.99998	Slope:	0.00646	Intercept:	0.0001

Element: Hg Seq. No.: 8 AS Loc.: 9 Date: 08/16/2005
 Sample ID: ICV 1183 (2)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	20.36	20.36	0.1315	0.5238	0.1321	09:06:41	No
2	20.31	20.31	0.1312	0.5212	0.1318	09:07:16	No
Mean:	20.33	20.33	0.1314				
SD :	0.0340	0.0340	0.0002				
%RSD:	0.2	0.2	0.1669				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 1 Date: 08/16/2005
 Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015	0.015	0.0002	0.0044	0.0007	09:08:17	No
2	-0.019	-0.019	0.0000	0.0008	0.0005	09:08:52	No
Mean:	-0.002	-0.002	0.0001				
SD :	0.0245	0.0245	0.0002				
%RSD:	1147	1147	183.1686				

QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 34 Date: 08/16/2005
 Sample ID: MB 6747 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0000	0.0017	0.0005	09:09:56	No
2	-0.043	-0.043	-0.0002	0.0007	0.0004	09:10:31	No
Mean:	-0.029	-0.029	-0.0001				
SD :	0.0197	0.0197	0.0001				
%RSD:	66.8	66.8	141.0564				

Element: Hg Seq. No.: 11 AS Loc.: 35 Date: 08/16/2005
 Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.77	10.77	0.0697	0.2742	0.0702	09:11:31	No
2	10.72	10.72	0.0693	0.2736	0.0698	09:12:06	No
Mean:	10.74	10.74	0.0695				

SD : 0.0397 0.0397 0.0003
 %RSD: 0.4 0.4 0.3692

=====
 Element: Hg Seq. No.: 12 AS Loc.: 36 Date: 08/16/2005
 Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.55	10.55	0.0682	0.2679	0.0687	09:13:07	No
2	10.51	10.51	0.0680	0.2674	0.0685	09:13:42	No
Mean:	10.53	10.53	0.0681				
SD :	0.0250	0.0250	0.0002				
%RSD:	0.2	0.2	0.2370				

=====
 Element: Hg Seq. No.: 13 AS Loc.: 37 Date: 08/16/2005
 Sample ID: 18922-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.614	0.614	0.0041	0.0170	0.0046	09:14:43	No
2	0.593	0.593	0.0039	0.0158	0.0045	09:15:18	No
Mean:	0.604	0.604	0.0040				
SD :	0.0147	0.0147	0.0001				
%RSD:	2.4	2.4	2.3711				

=====
 Element: Hg Seq. No.: 14 AS Loc.: 38 Date: 08/16/2005
 Sample ID: 18922-001 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.401	0.401	0.0027	0.0127	0.0032	09:16:22	No
2	0.404	0.404	0.0027	0.0126	0.0032	09:16:57	No
Mean:	0.402	0.402	0.0027				
SD :	0.0016	0.0016	0.0000				
%RSD:	0.4	0.4	0.3807				

=====
 Element: Hg Seq. No.: 15 AS Loc.: 39 Date: 08/16/2005
 Sample ID: 18922-001 MS 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.88	10.88	0.0703	0.2763	0.0709	09:17:58	No
2	10.89	10.89	0.0704	0.2756	0.0709	09:18:33	No
Mean:	10.88	10.88	0.0704				
SD :	0.0071	0.0071	0.0000				
%RSD:							

=====
 Element: Hg Seq. No.: 16 AS Loc.: 40 Date: 08/16/2005
 Sample ID: 18922-001 MS 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.61	10.61	0.0686	0.2674	0.0692	09:19:34	No
2	10.60	10.60	0.0685	0.2649	0.0691	09:20:09	No
Mean:	10.61	10.61	0.0686				
SD :	0.0083	0.0083	0.0001				
%RSD:							

=====
 Element: Hg Seq. No.: 17 AS Loc.: 41 Date: 08/16/2005
 Sample ID: 18922-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
--------	--------------------	------------------	--------------------	--------------	----------------	------	----------------

#	µg/L	µg/L	Signal	Area	Height		Stored
1	0.083	0.083	0.0006	0.0041	0.0012	09:21:10	No
2	0.067	0.067	0.0005	0.0034	0.0011	09:21:45	No
Mean:	0.075	0.075	0.0006				
SD :	0.0114	0.0114	0.0001				
%RSD:	15.1	15.1	12.5236				

=====
 Element: Hg Seq. No.: 18 AS Loc.: 42 Date: 08/16/2005
 Sample ID: 18922-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.846	0.846	0.0056	0.0238	0.0061	09:22:46	No
2	0.823	0.823	0.0054	0.0212	0.0060	09:23:21	No
Mean:	0.835	0.835	0.0055				
SD :	0.0158	0.0158	0.0001				
%RSD:	1.9	1.9	1.8620				

=====
 Element: Hg Seq. No.: 19 AS Loc.: 43 Date: 08/16/2005
 Sample ID: 18922-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.359	0.359	0.0024	0.0108	0.0030	09:24:22	No
2	0.359	0.359	0.0024	0.0106	0.0030	09:24:57	No
Mean:	0.359	0.359	0.0024				
SD :	0.0003	0.0003	0.0000				
%RSD:							

=====
 Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 08/16/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.48	10.48	0.0678	0.2629	0.0683	09:26:00	No
2	10.56	10.56	0.0683	0.2629	0.0688	09:26:35	No
Mean:	10.52	10.52	0.0680				
SD :	0.0557	0.0557	0.0004				
%RSD:	0.5	0.5	0.5291				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 08/16/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.033	-0.033	-0.0001	0.0006	0.0004	09:27:39	No
2	-0.033	-0.033	-0.0001	0.0008	0.0004	09:28:14	No
Mean:	-0.033	-0.033	-0.0001				
SD :	0.0002	0.0002	0.0000				
%RSD:	0.7	0.7	1.3577				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 22 AS Loc.: 44 Date: 08/16/2005
 Sample ID: 18922-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.119	0.119	0.0009	0.0050	0.0014	09:29:19	No
2	0.116	0.116	0.0008	0.0048	0.0014	09:29:54	No
Mean:	0.117	0.117	0.0009				
SD :	0.0022	0.0022	0.0000				
%RSD:	1.9	1.9	1.6666				

=====
Element: Hg Seq. No.: 23 AS Loc.: 45 Date: 08/16/2005
Sample ID: 18922-006
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.953	0.953	0.0063	0.0254	0.0068	09:30:55	No
2	0.945	0.945	0.0062	0.0249	0.0067	09:31:30	No
Mean:	0.949	0.949	0.0062				
SD :	0.0059	0.0059	0.0000				
%RSD:	0.6	0.6	0.6091				

=====
Element: Hg Seq. No.: 24 AS Loc.: 46 Date: 08/16/2005
Sample ID: 18922-007
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.287	0.287	0.0020	0.0091	0.0025	09:32:31	No
2	0.100	0.100	0.0007	0.0044	0.0013	09:33:06	No
Mean:	0.194	0.194	0.0014				
SD :	0.1325	0.1325	0.0009				
%RSD:	68.4	68.4	63.3313				

=====
Element: Hg Seq. No.: 25 AS Loc.: 47 Date: 08/16/2005
Sample ID: 18922-008
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.690	0.690	0.0046	0.0188	0.0051	09:34:10	No
2	0.731	0.731	0.0048	0.0202	0.0054	09:34:45	No
Mean:	0.711	0.711	0.0047				
SD :	0.0296	0.0296	0.0002				
%RSD:	4.2	4.2	4.0733				

=====
Element: Hg Seq. No.: 26 AS Loc.: 48 Date: 08/16/2005
Sample ID: 18922-009
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.248	0.248	0.0017	0.0090	0.0022	09:35:46	No
2	0.220	0.220	0.0015	0.0074	0.0021	09:36:21	No
Mean:	0.234	0.234	0.0016				
SD :	0.0202	0.0202	0.0001				
%RSD:	8.6	8.6	8.0850				

=====
Element: Hg Seq. No.: 27 AS Loc.: 49 Date: 08/16/2005
Sample ID: 18922-010
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.616	4.616	0.0299	0.1161	0.0304	09:37:21	No
2	4.909	4.909	0.0318	0.1232	0.0323	09:37:56	No
Mean:	4.762	4.762	0.0308				
SD :	0.2070	0.2070	0.0013				
%RSD:	4.3	4.3	4.3333				

=====
Element: Hg Seq. No.: 28 AS Loc.: 50 Date: 08/16/2005
Sample ID: 18922-011
=====

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.954	0.954	0.0063	0.0259	0.0068	09:38:56	No
2	0.895	0.895	0.0059	0.0234	0.0064	09:39:31	No
Mean:	0.924	0.924	0.0061				
SD :	0.0418	0.0418	0.0003				

%RSD: 4.5 4.5 4.4428

=====
 Element: Hg Seq. No.: 29 AS Loc.: 51 Date: 08/16/2005
 Sample ID: 18922-012

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.138	0.138	0.0010	0.0053	0.0015	09:40:32	No
2	0.125	0.125	0.0009	0.0040	0.0014	09:41:07	No
Mean:	0.131	0.131	0.0009				
SD :	0.0096	0.0096	0.0001				
%RSD:	7.3	7.3	6.5027				

=====
 Element: Hg Seq. No.: 30 AS Loc.: 52 Date: 08/16/2005
 Sample ID: 18922-013

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.179	1.179	0.0077	0.0315	0.0083	09:42:07	No
2	1.221	1.221	0.0080	0.0320	0.0085	09:42:42	No
Mean:	1.200	1.200	0.0078				
SD :	0.0301	0.0301	0.0002				
%RSD:	2.5	2.5	2.4754				

=====
 Element: Hg Seq. No.: 31 AS Loc.: 53 Date: 08/16/2005
 Sample ID: 18916-021

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.266	0.266	0.0018	0.0080	0.0024	09:43:42	No
2	0.261	0.261	0.0018	0.0089	0.0023	09:44:17	No
Mean:	0.264	0.264	0.0018				
SD :	0.0029	0.0029	0.0000				
%RSD:	1.1	1.1	1.0506				

=====
 Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 08/16/2005
 Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.61	10.61	0.0686	0.2668	0.0691	09:45:20	No
2	10.79	10.79	0.0698	0.2677	0.0703	09:45:55	No
Mean:	10.70	10.70	0.0692				
SD :	0.1285	0.1285	0.0008				
%RSD:	1.2	1.2	1.1993				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 08/16/2005
 Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.107	0.107	0.0008	0.0050	0.0013	09:46:58	No
2	-0.015	-0.015	0.0000	0.0013	0.0005	09:47:33	No
Mean:	0.046	0.046	0.0004				
SD :	0.0863	0.0863	0.0006				
%RSD:	187.9	187.9	140.4080				

QC value within specified limits.

=====
 Element: Hg Seq. No.: 34 AS Loc.: 54 Date: 08/16/2005
 Sample ID: 18916-022

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.067	-0.067	-0.0003	-0.0009	0.0002	09:48:39	No
2	-0.066	-0.066	-0.0003	0.0014	0.0002	09:49:14	No
Mean:	-0.066	-0.066	-0.0003				
SD :	0.0002	0.0002	0.0000				
%RSD:	0.2	0.2	0.3119				

=====
 Element: Hg Seq. No.: 35 AS Loc.: 55 Date: 08/16/2005
 Sample ID: 18916-023

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.084	-0.084	-0.0004	0.0001	0.0001	09:50:15	No
2	-0.081	-0.081	-0.0004	0.0006	0.0001	09:50:50	No
Mean:	-0.082	-0.082	-0.0004				
SD :	0.0022	0.0022	0.0000				
%RSD:	2.7	2.7	3.2716				

=====
 Element: Hg Seq. No.: 36 AS Loc.: 56 Date: 08/16/2005
 Sample ID: 18916-024

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.483	0.483	0.0032	0.0147	0.0038	09:51:54	No
2	0.478	0.478	0.0032	0.0139	0.0037	09:52:29	No
Mean:	0.480	0.480	0.0032				
SD :	0.0035	0.0035	0.0000				
%RSD:	0.7	0.7	0.7122				

=====
 Element: Hg Seq. No.: 37 AS Loc.: 57 Date: 08/16/2005
 Sample ID: 18916-025

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.035	-0.035	-0.0001	0.0010	0.0004	09:53:29	No
2	-0.045	-0.045	-0.0002	0.0014	0.0003	09:54:04	No
Mean:	-0.040	-0.040	-0.0002				
SD :	0.0070	0.0070	0.0000				
%RSD:	17.5	17.5	28.4934				

=====
 Element: Hg Seq. No.: 38 AS Loc.: 58 Date: 08/16/2005
 Sample ID: MB FB

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.036	-0.036	-0.0001	0.0008	0.0004	09:55:05	No
2	-0.051	-0.051	-0.0002	-0.0002	0.0003	09:55:40	No
Mean:	-0.043	-0.043	-0.0002				
SD :	0.0103	0.0103	0.0001				
%RSD:	23.9	23.9	37.3009				

=====
 Element: Hg Seq. No.: 39 AS Loc.: 59 Date: 08/16/2005
 Sample ID: LCSW

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.51	10.51	0.0679	0.2625	0.0685	09:56:40	No
2	10.59	10.59	0.0685	0.2642	0.0690	09:57:15	No
Mean:	10.55	10.55	0.0682				
SD :	0.0615	0.0615	0.0004				
%RSD:	0.6	0.6	0.5823				

=====
 Element: Hg Seq. No.: 40 AS Loc.: 8 Date: 08/16/2005
 Sample ID: CCV
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.86	10.86	0.0702	0.2683	0.0707	09:58:19	No
2	10.86	10.86	0.0702	0.2686	0.0708	09:58:54	No
Mean:	10.86	10.86	0.0702				
SD :	0.0011	0.0011	0.0000				

%RSD:

QC value within specified limits.

=====
 Element: Hg Seq. No.: 41 AS Loc.: 1 Date: 08/16/2005
 Sample ID: CCB
 =====

Repl #	SampleConc µg/L	StndConc µg/L	Blncorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020	0.020	0.0002	0.0035	0.0008	09:59:57	No
2	-0.022	-0.022	0.0000	0.0009	0.0005	10:00:32	No
Mean:	-0.001	-0.001	0.0001				
SD :	0.0297	0.0297	0.0002				
%RSD:	2573	2573	206.6766				

QC value within specified limits.

Metal Data
Digestion Logbook Data

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6246
 Matrix: Soil

Analyst: KS
 Prep Date: 8/12/05
 Reviewed By: 8/15/05

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50 ml	50 ml	--	--	
LCS	.5g		--	--	
LCSD			--	--	
1. 18916-008					
DUP 18916-008			--	--	
MS 18916-009			--	--	
MSD 18916-010					
2. 18916-001					
3. 18916-002					
4. 18916-003					
5. 18916-004					
6. 18916-005					
7. 18916-006					
8. 18916-007					
9. 18916-011					
10. 18916-012					
11. 18916-013					
12. 18916-014					
13. 18916-015					
14. 18916-016					
15. 18916-017					
16. 18916-018					
17. 18916-019					
18. 18916-020	↓	↓			
19.					
20.					

Hot Plate Temperature: 95° C

Spike Volume & Lot #	Acid	Manufacturer	Lot #:	Acid	Manufacturer	Lot #:
.5ml of 1237	HNO ₃	Baker	1134	1:1 HNO ₃	Baker	v- 4503
.5ml of 1238	HCl	Baker	1142	1:1 HCl	Baker	v-
.5g of 704	H ₂ O ₂	Baker	1141			

Relinquished By: Kendall E. Spivey Date: 8/12/05
 Received By: Shiamal B. B. Date: 8/15/05

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) EPA 600 OTHER _____

Batch No.: 6247
Matrix: Soil

Analyst: JS
Prep Date: 8/15/05
Reviewed By: in 8/15/05

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50ul	50ul	--	--	
LCS	5ul		--	--	
LCS D			--	--	
1. 18922-001					
DUP 18922-001					
MS 18922-001			--	--	
MSD 18922-001			--	--	
2. 18922-002					
3. 18922-003					
4. 18922-004					
5. 18922-005					
6. 18922-006					
7. 18922-007					
8. 18922-008					
9. 18922-009					
10. 18922-010					
11. 18922-011					
12. 18922-012					
13. 18922-013					
14. 18916-021					
15. 18916-022					
16. 18916-023					
17. 18916-024					
18. 18916-025	50ul				
19. mb Fb					
20. LCSW					

Hot Plate Temperature: 95° C

Acid	Manufacturer	Lot #:	Acid	Manufacturer	Lot #:
HNO ₃	Baker	716	1:1 HNO ₃	Baker	v- 4503
HCl	Baker	1142	1:1 HCl	Baker	v-
H ₂ O ₂	Baker	1141			

Relinquished By: [Signature] Date: 8/15/05
Received By: [Signature] Date: 8/15/05

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6246
 Matrix: Soil

Analyst: KS
 Prep Date: 8/12/05
 Review By: B 8/15/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25 ml	25 ml	
LCS	0.15g		
LCSD			
1. 18716-002			
DUP 18716-002			
MS 18716-009			
MSD 18716-010			
2. 18716-001			
3. 18716-002			
4. 18716-003			
5. 18716-004			
6. 18716-005			
7. 18716-006			
8. 18716-007			
9. 18716-008			
10. 18716-009			
11. 18716-010			
12. 18716-011			
13. 18716-012			
14. 18716-013			
15. 18716-014			
16. 18716-015			
17. 18716-016			
18. 18716-017			
19.			
20.			
KmnO ₄ : V. 2627			Block Temp.: 95° C
K ₂ S ₂ O ₈ :			Time In Block: 1400
NH ₂ OH: V. 4514			Time Out of Block: 1430

Spike Volume & Lot #
 LCS 704 0.15g
 MS V-5694 0.250 ml
 Standard/Control Batch B-590

Acid	Manufacturer	Lot #:
HNO ₃	Baker	1134
HCl	Baker	1142
H ₂ SO ₄	Baker	

Relinquished By: KS 8/12/05
 Received By: [Signature] 8/12/05

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: SW846 EPA 600 OTHER _____

Batch No.: 6247

Analyst: JS

Matrix: Soil

Prep Date: 8/15/05

Review By: M.H. 11/10

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25.1	25.1	
LCS	0.15g		
LCS D			
1. 18922-001			
DUP 18922-001			
MS 18922-001			
MSD 18922-001			
2. 18922-002			
3. 18922-003			
4. 18922-004			
5. 18922-005			
6. 18922-006			
7. 18922-007			
8. 18922-008			
9. 18922-009			
10. 18922-010			
11. 18922-011			
12. 18922-012			
13. 18922-013			
14. 18916-021			
15. 18916-022			
16. 18916-023			
17. 18916-024			
18. 18916-025	25.1		
19. mb Fb			
20. LCSW			
KmnO ₄ : V-2627			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 0.15g

MS V-5754 0.250 ml

Standard/Control Batch B-50 (590) 0.25g

Acid	Manufacturer	Lot #:
HNO ₃	Baker	796
HCl	Baker	1142
H ₂ SO ₄	Baker	8/15/05

Relinquished By: [Signature] 8/15/05

Received By: [Signature] 8/15/05

00 007

Wet Chemistry Data

Veritech Wet Chem Form 1 Summary

Lab #: AC18916-001

Lab #: AC18916-001

Sample Matrix: Soil/Encore

Sample ID: PCSB-50 (0.5)

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	94	Percent		1	8/5/05

Lab #: AC18916-002

Sample Matrix: Soil/Encore

Sample ID: PCSB-50 (4)

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	95	Percent		1	8/5/05

Lab #: AC18916-003

Sample Matrix: Soil/Encore

Sample ID: PCSB-50 (12.5)

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	68	Percent		1	8/5/05

Lab #: AC18916-004

Sample Matrix: Soil/Encore

Sample ID: PCSB-45 (0.5)

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	95	Percent		1	8/5/05

Lab #: AC18916-005

Sample Matrix: Soil/Encore

Sample ID: PCSB-245 (0.5)

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	94	Percent		1	8/5/05

Lab #: AC18916-006

Sample Matrix: Soil/Encore

Sample ID: PCSB-45 (3')

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	89	Percent		1	8/5/05

Lab #: AC18916-007

Sample Matrix: Soil/Encore

Sample ID: PCSB-45 (10.5')

Date Received: 8/4/05

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	61	Percent		1	8/5/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18916-008

Lab #: AC18916-008

Sample Matrix: Soil/Encore

Sample ID: PCSB-48 (0.5)

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	95	Percent		1	8/5/05	

Lab #: AC18916-009

Sample Matrix: Soil/Encore

Sample ID: PCSB-48 (0.5)MS

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	95	Percent		1	8/5/05	

Lab #: AC18916-010

Sample Matrix: Soil/Encore

Sample ID: PCSB-48 (0.5)MSD

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	97	Percent		1	8/5/05	

Lab #: AC18916-011

Sample Matrix: Soil/Encore

Sample ID: PCSB-48 (4')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	88	Percent		1	8/5/05	

Lab #: AC18916-012

Sample Matrix: Soil/Encore

Sample ID: PCSB-48 (11')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	59	Percent		1	8/5/05	

Lab #: AC18916-013

Sample Matrix: Soil/Encore

Sample ID: PCSB-47 (0.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	92	Percent		1	8/5/05	

Lab #: AC18916-014

Sample Matrix: Soil/Encore

Sample ID: PCSB-47 (4.0')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	90	Percent		1	8/5/05	

Veritech Wet Chem Form 1 Summary

Lab #: AC18916-015

Lab #: AC18916-015

Sample Matrix: Soil/Encore

Sample ID: PCSB-47 (10.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	64	Percent		1	8/5/05	

Lab #: AC18916-016

Sample Matrix: Soil/Encore

Sample ID: PCSB-49 (0.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	96	Percent		1	8/5/05	

Lab #: AC18916-017

Sample Matrix: Soil/Encore

Sample ID: PCSB-49 (4.0')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	71	Percent		1	8/5/05	

Lab #: AC18916-018

Sample Matrix: Soil/Encore

Sample ID: PCSB-49 (11.0')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	48	Percent		1	8/5/05	

Lab #: AC18916-019

Sample Matrix: Soil/Encore

Sample ID: PCSB-44 (0.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	96	Percent		1	8/5/05	

Lab #: AC18916-020

Sample Matrix: Soil/Encore

Sample ID: PCSB-44 (4.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	73	Percent		1	8/5/05	

Lab #: AC18916-021

Sample Matrix: Soil/Encore

Sample ID: PCSB-44 (11.5')

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G			Date Prepared:	
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	69	Percent		1	8/5/05	

Veritech Wet Chem Form 1 Summary

Lab #: AC18916-022

Lab #: AC18916-022

Sample Matrix: Soil/Encore

Sample ID: PCSB-55 (0.5)

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	92	Percent		1	8/5/05	

Lab #: AC18916-023

Sample Matrix: Soil/Encore

Sample ID: PCSB-55 (3.5)

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	86	Percent		1	8/5/05	

Lab #: AC18916-024

Sample Matrix: Soil/Encore

Sample ID: PCSB-55 (11)

Date Received: 8/4/05

Test Group Name:		% Solids SM2540G		Date Prepared:		
Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed	
% Solids	74	Percent		1	8/5/05	

Analysis Type: SOLIDS
 Batch Number: SOLIDS-3063
 Cal Curve Date:
 Units: Percent

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Calibration Curve Information

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Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC18916-001	NA	NA	20	94.82758	NA	0.91	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18916-001	DUP		95		100	94.828	1	12.6	12.0			08/05/05	dh
AC18916-001	Sample		94		100	93.966	1	12.6	11.9			08/05/05	dh
AC18916-002	Sample		95		100	94.828	1	12.6	12.0			08/05/05	dh
AC18916-003	Sample		68		100	68.103	1	12.6	8.9			08/05/05	dh
AC18916-004	Sample		95		100	94.545	1	12.0	11.4			08/05/05	dh
AC18916-005	Sample		94		100	93.694	1	12.1	11.4			08/05/05	dh
AC18916-006	Sample		89		100	89.381	1	12.3	11.1			08/05/05	dh
AC18916-007	Sample		61		100	61.017	1	12.8	8.2			08/05/05	dh
AC18916-008	Sample		95		100	94.828	1	12.6	12.0			08/05/05	dh
AC18916-009	Sample		95		100	94.872	1	12.7	12.1			08/05/05	dh
AC18916-010	Sample		97		100	96.581	1	12.7	12.3			08/05/05	dh
AC18916-011	Sample		88		100	87.611	1	12.3	10.9			08/05/05	dh
AC18916-012	Sample		59		100	59.091	1	12.0	7.5			08/05/05	dh
AC18916-013	Sample		92		100	92.373	1	12.8	11.9			08/05/05	dh
AC18916-014	Sample		90		100	90	1	12.0	10.9			08/05/05	dh
AC18916-015	Sample		64		100	64.103	1	12.7	8.5			08/05/05	dh
AC18916-016	Sample		96		100	96.491	1	12.4	12.0			08/05/05	dh
AC18916-017	Sample		71		100	71.429	1	12.2	9.0			08/05/05	dh
AC18916-018	Sample		48		100	48.182	1	12.0	6.3			08/05/05	dh
AC18916-019	Sample		96		100	95.69	1	12.6	12.1			08/05/05	dh
AC18916-020	Sample		73		100	73.451	1	12.3	9.3			08/05/05	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-3062
 Cal Curve Date:
 Units: Percent

Calibration Curve Information

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Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DIIP	AC18922-001	NA	NA	20	94.5946	NA	0.3R	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18922-001	DUP		95		100	94.595	1	12.1	11.5			08/05/05	dh
AC18922-001	Sample		95		100	94.958	1	12.9	12.3			08/05/05	dh
AC18922-002	Sample		74		100	73.913	1	12.5	9.5			08/05/05	dh
AC18922-003	Sample		91		100	90.678	1	12.8	11.7			08/05/05	dh
AC18922-004	Sample		42		100	42.478	1	12.3	5.8			08/05/05	dh
AC18922-005	Sample		69		100	69.027	1	12.3	8.8			08/05/05	dh
AC18922-006	Sample		88		100	87.719	1	12.4	11.0			08/05/05	dh
AC18922-007	Sample		96		100	95.763	1	12.8	12.3			08/05/05	dh
AC18922-008	Sample		93		100	93.162	1	12.7	11.9			08/05/05	dh
AC18922-010	Sample		87		100	87.273	1	12.0	10.6			08/05/05	dh
AC18922-011	Sample		96		100	96.364	1	12.0	11.6			08/05/05	dh
AC18922-012	Sample		69		100	68.696	1	12.5	8.9			08/05/05	dh
AC18922-013	Sample		94		100	93.913	1	12.5	11.8			08/05/05	dh
AC18916-021	Sample		69		100	69.231	1	12.7	9.1			08/05/05	dh
AC18916-022	Sample		92		100	92.035	1	12.3	11.4			08/05/05	dh
AC18916-023	Sample		86		100	86.364	1	12.0	10.5			08/05/05	dh
AC18916-024	Sample		74		100	73.504	1	12.7	9.6			08/05/05	dh
AC18922-009	Sample		73		100	73.451	1	12.3	9.3			08/05/05	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

% SOLIDS DATA SHEET

Batch No. 3063

Lab Sample No.	Tare Wt. (g)	Wet Wt. + Tare (g)	Dry Wt. + Tare (g)	Analysis Date	Time in	Time out	Analyst Initials
Dup. 12916-1	1.0	12.6	12.0	8/5/05	14:12	17:35	DA
1. 1		12.6	11.9				
2. 2		12.6	12.0				
3. 3		12.6	8.9				
4. 4		12.0	11.4				
5. 5		12.1	11.4				
6. 6		12.3	11.1				
7. 7		12.8	8.2				
8. 8		12.6	12.0				
9. 9		12.7	12.1				
10. 10		12.7	12.3				
11. 11		12.3	10.9				
12. 12		12.0	7.5				
13. 13		12.8	11.9				
14. 14		12.0	10.9				
15. 15		12.7	8.5				
16. 16		12.4	12.0				
17. 17		12.2	9.0				
18. 18		12.0	6.3				
19. 19		12.6	12.1				
20. 20	✓	12.3	9.3	✓	✓	✓	✓

Analyst Dave Arma

Analyst _____

Analyst _____

Analyst _____

Reviewed By M. Smith

Date Reviewed 8/16/05

% SOLIDS DATA SHEET

Batch No. 3062

Lab Sample No.	Tare Wt. (g)	Wet Wt. + Tare (g)	Dry Wt. + Tare (g)	Analysis Date	Time in	Time out	Analyst Initials
DUP 18922-1	1.0	12.1	11.5	8/5/05	14:12	17:35	DH
1. 1		12.9	12.3				
2. 2		12.5	9.5				
3. 3		12.8	11.7				
4. 4		12.3	5.8				
5. 5		12.3	8.8				
6. 6		12.4	11.0				
7. 7		12.8	12.3				
8. 8		12.7	11.9				
9. 9		12.3	9.3				
10. 10		12.0	10.6				
11. 11		12.0	11.6				
12. 12		12.5	8.9				
13. 13		12.5	11.8		✓		
14. 18916-21		12.7	9.1		13:35		
15. 22		12.3	11.4				
16. 23		12.0	10.5				
17. 24	✓	12.7	9.6	✓	✓	✓	✓
18.							
19.							
20.							

Analyst Alice Hanna

Analyst _____

Analyst _____

Analyst _____

Reviewed By May Smith

Date Reviewed 8/6/05