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
3G08416.	SMB727B	Soil	1		69	63	67	60		
3G08460.	SMB729B	Soil	1		71	69	69	68		
5G03399.	WMB2305	Aqueous	1		94	92	104	100		
3G08470.	AC18807-001	Soil	1		68	63	50	127		
3G08471.	AC18807-004	Soil	1		87	81	61	78		
5G03408.	AC18807-007	Aqueous	1		130	112	133	118		
3G08472.	AC18807-008	Soil	1		81	72	66	78		
3G08473.	AC18807-014	Soil	1		100	88	72	88		
3G08474.	AC18807-017	Soil	1		86	88	68	73		
3G08475.	AC18807-020	Soil	1		69	67	61	63		
3G08469.	AC18807-023	Soil	1		71	67	59	71		
3G08342.	WMB2305(MS)	Aqueous	1		80	78	100	97		
3G08417.	SMB727B(MS)	Soil	1		83	78	83	75		
3G08418.	AC18778-011(MS)	Soil	1		56 *	53 *	59	53		
3G08419.	AC18778-011(MSD)	Soil	1		62	58 *	65	59		
3G08462.	SMB729B(MS)	Soil	1		70	67	73	71		

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

Form3

MBS Data

Method: 8081

Data File:====>					3G08462.D			3G08342.D											
Data/Batch/Sample ID:====>					SMB729B(MS)			WMB2305(MS)											
Date/Time:====>					08/08/05 07:45			08/03/05 14:27											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin	34-132	40-120	1	0	80.4	100	80	88.88	100	89									
Dieldrin	31-134	52-126	1	0	83.71	100	84	100.3	100	100									
Endrin	42-139	56-121	1	0	82.78	100	83	99.15	100	99									
gamma-BHC	46-127	56-123	1	0	77.25	100	77	91	100	91									
Heptachlor	35-130	40-131	1	0	92.74	100	93	104.2	100	104									
p,p'-DDT	23-134	38-127	1	0	81.62	100	82	103.5	100	104									

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

FORM 3
Spike Recovery

Batch Number: SMB727B
Mbs Name: SMB727B(MS)
Ns Name: AC18778-011
Ms Name: AC18778-011(MS)
Msd Name: AC18778-011(MSD

Mbs File: 3G08417.D
Non Spk'd File: 3G08420.D
Spike File: 3G08418.D
Spike Dup File: 3G08419.D
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	84.09	0.00	60.40	68.35	84	60	68	12
Heptachlor	1	0	100	35	130	31	95.27	0.00	68.04	77.17	95	68	77	13
Aldrin	1	0	100	34	132	43	84.25	0.00	59.78	67.75	84	60	68	12
Dieldrin	1	0	100	31	134	38	87.70	0.00	65.57	72.99	88	66	73	11
Endrin	1	0	100	42	139	45	86.95	0.00	65.35	73.14	87	65	73	11
p,p'-DDT	1	0	100	23	134	50	88.57	0.00	63.53	71.56	89	64	72	12

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

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

FORM 4
Blank Summary

Blank Number: WMB2305
Blank Data File: 5G03399.D
Matrix: Aqueous

Blank Analysis Date: 08/03/05 06:49
Blank Extraction Date: 08/02/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18807-007	5G03408.D	08/03/05 09:38
WMB2305(MS)	3G08342.D	08/03/05 14:27

FORM 4
Blank Summary

Blank Number: SMB727B
Blank Data File: 3G08416.D
Matrix: Soil

Blank Analysis Date: 08/05/05 09:22
Blank Extraction Date: 08/04/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18778-011(MSD	3G08419.D	08/05/05 10:11
AC18778-011(MS)	3G08418.D	08/05/05 09:55
SMB727B(MS)	3G08417.D	08/05/05 09:38

FORM 4
Blank Summary

Blank Number: SMB729B
Blank Data File: 3G08460.D
Matrix: Soil

Blank Analysis Date: 08/08/05 07:12
Blank Extraction Date: 08/07/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18807-001	3G08470.D	08/08/05 09:56
AC18807-004	3G08471.D	08/08/05 10:12
AC18807-008	3G08472.D	08/08/05 10:29
AC18807-014	3G08473.D	08/08/05 10:45
AC18807-017	3G08474.D	08/08/05 11:01
AC18807-020	3G08475.D	08/08/05 11:18
AC18807-023	3G08469.D	08/08/05 09:40
SMB729B(MS)	3G08462.D	08/08/05 07:45

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G03375.	CAL EVAL	07/29/05 07:18	Soil					
5G03376.	CAL PEST@2PPB	07/29/05 07:44	Soil	5G03376.	13.9185	0	14.3210	0
5G03377.	CAL PEST@10PPB	07/29/05 08:02	Soil	5G03376.	13.9122	0.0453	14.3168	0.0293
5G03378.	CAL PEST@50PPB	07/29/05 08:47	Soil	5G03376.	13.9112	0.0525	14.3164	0.0321
5G03379.	CAL PEST@100PPB	07/29/05 09:06	Soil	5G03376.	13.9128	0.041	14.3190	0.014
5G03380.	CAL PEST@200PPB	07/29/05 09:25	Soil	5G03376.	13.9125	0.0431	14.3183	0.0189
5G03381.	CAL PEST@400PPB	07/29/05 09:44	Soil	5G03376.	13.9130	0.0395	14.3186	0.0168
5G03382.	CAL CHLOR@100PPB	07/29/05 10:02	Soil	5G03376.	13.9100	0.0611	14.3166	0.0307
5G03383.	CAL TOXAPH@500PPB	07/29/05 10:21	Soil	5G03376.	13.9135	0.0359	14.3199	0.0077
5G03384.	SMB720B	07/29/05 10:40	Soil	5G03376.	13.9123	0.0446	14.3185	0.0175
5G03385.	SMB720B(MS)	07/29/05 10:59	Soil	5G03376.	13.9089	0.069	14.3152	0.0405
5G03386.	AC18810-002	07/29/05 11:18	Soil	5G03376.	13.9126	0.0424	14.3199	0.0077
5G03387.	AC18797-001	07/29/05 11:37	Soil	5G03376.	13.9163	0.0158	14.3218	0.0056
5G03388.	AC18810-001	07/29/05 11:55	Soil	5G03376.	13.9190	0.0036	14.3255	0.0314
5G03389.	AC18810-003	07/29/05 12:14	Aqueous	5G03376.	13.9121	0.046	14.3184	0.0182
5G03390.	WMB2300	07/29/05 12:46	Aqueous	5G03376.	13.9184	0.0007	14.3189	0.0147
5G03391.	MB2300	07/29/05 13:43	Aqueous	5G03376.	13.9120	0.0467	14.3182	0.0196
5G03392.	100PPB	07/29/05 14:29	Aqueous	5G03376.	13.9133	0.0374	14.3187	0.0161
5G03393.	WMB2300(MS)	07/29/05 15:23	Aqueous	5G03376.	13.9203	0.0129	14.3223	0.0091
5G03394.	CAL PEST@100PPB	07/29/05 15:42	Aqueous	5G03376.	13.9145	0.0287	14.3199	0.0077

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
5G03396.	CAL EVAL	08/03/05 05:47	Soil					
5G03397.	50PPB	08/03/05 06:06	Soil					
5G03398.	CAL PEST@50PPB	08/03/05 06:28	Soil	5G03398.	13.9164	0	14.3206	0
5G03399.	WMB2305	08/03/05 06:49	Aqueous	5G03398.	13.9142	0.0158	14.3188	0.0126
5G03400.	WMB2305(MS)	08/03/05 07:08	Aqueous	5G03398.	13.9115	0.0352	14.3182	0.0168
5G03401.	AC18808-001(MS)(T)	08/03/05 07:26	Aqueous	5G03398.	13.9128	0.0259	14.3201	0.0035
5G03402.	AC18808-001(MSD)(T)	08/03/05 07:45	Aqueous	5G03398.	13.9106	0.0417	14.3174	0.0223
5G03403.	AC18808-001(T)	08/03/05 08:04	Aqueous	5G03398.	13.9127	0.0266	14.3199	0.0049
5G03404.	AC18819-002(T)	08/03/05 08:23	Aqueous	5G03398.	13.9136	0.0201	14.3212	0.0042
5G03405.	AC18766-001(T)	08/03/05 08:42	Aqueous	5G03398.	13.9121	0.0309	14.3194	0.0084
5G03406.	AC18766-002(T)	08/03/05 09:00	Aqueous	5G03398.	13.9096	0.0489	14.3176	0.0209
5G03407.	EF1 V5263	08/03/05 09:19	Aqueous	5G03398.	13.9133	0.0223	14.3204	0.0014
5G03408.	AC18807-007	08/03/05 09:38	Aqueous	5G03398.	13.9110	0.0388	14.3185	0.0147
5G03409.	AC18786-013	08/03/05 09:57	Soil	5G03398.	13.9126	0.0273	14.3197	0.0063
5G03410.	AC18786-014	08/03/05 10:16	Soil	5G03398.	13.9100	0.046	14.3175	0.0216
5G03411.	AC18786-015	08/03/05 10:35	Soil	5G03398.	13.9122	0.0302	14.3191	0.0105
5G03412.	AC18786-016	08/03/05 10:53	Soil	5G03398.	13.9125	0.028	14.3208	0.0014
5G03413.	AC18786-011	08/03/05 11:12	Soil	5G03398.	13.9129	0.0252	14.3216	0.007
5G03414.	AC18786-012	08/03/05 11:31	Soil	5G03398.	13.9114	0.0359	14.3198	0.0056
5G03415.	AC18786-017	08/03/05 11:50	Soil	5G03398.	13.9128	0.0259	14.3179	0.0189
5G03416.	AC18786-005	08/03/05 12:09	Soil	5G03398.	13.9123	0.0295	14.3193	0.0091
5G03417.	AC18786-006	08/03/05 12:28	Soil	5G03398.	13.9119	0.0323	14.3204	0.0014
5G03418.	100PPB	08/03/05 13:09	Soil	5G03398.	13.9099	0.0467	14.3183	0.0161
5G03419.	CAL PEST@100PPB	08/03/05 13:29	Soil	5G03398.	13.9129	0.0252	14.3196	0.007

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
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 CHLOR@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
3G08411.	CAL EVAL	08/05/05 07:39	Aqueous					
3G08412.	CAL PEST@100PPB	08/05/05 07:56	Aqueous	3G08412.	10.0882	0	10.6446	0
3G08413.	CAL PEST@50PPB	08/05/05 08:32	Aqueous	3G08412.	10.0869	0.0129	10.6451	0.0047
3G08414.	WMB2309	08/05/05 08:49	Aqueous	3G08412.	10.0861	0.0208	10.6441	0.0047
3G08415.	WMB2309(MS)	08/05/05 09:05	Aqueous	3G08412.	10.0853	0.0287	10.6445	0.0009
3G08416.	SMB727B	08/05/05 09:22	Soil	3G08412.	10.0855	0.0268	10.6468	0.0207
3G08417.	SMB727B(MS)	08/05/05 09:38	Soil	3G08412.	10.0856	0.0258	10.6478	0.0301
3G08418.	AC18778-011(MS)	08/05/05 09:55	Soil	3G08412.	10.0848	0.0337	10.6458	0.0113
3G08419.	AC18778-011(MSD)	08/05/05 10:11	Soil	3G08412.	10.0842	0.0397	10.6451	0.0047
3G08420.	AC18778-011	08/05/05 10:28	Soil	3G08412.	10.0856	0.0258	10.6469	0.0216
3G08421.	AC18778-019	08/05/05 10:44	Soil	3G08412.	10.0831	0.0506	10.6473	0.0254
3G08422.	AC18778-024	08/05/05 11:01	Soil	3G08412.	10.0851	0.0307	0.0000	200 *
3G08423.	AC18778-016	08/05/05 11:17	Soil	3G08412.	10.0837	0.0446	10.6487	0.0385
3G08424.	AC18778-020	08/05/05 11:34	Soil	3G08412.	10.0832	0.0496	10.6383	0.0592
3G08425.	AC18778-022	08/05/05 11:50	Soil	3G08412.	10.0840	0.0416	10.6450	0.0038
3G08426.	AC18778-018	08/05/05 12:07	Soil	3G08412.	10.0839	0.0426	10.6436	0.0094
3G08427.	AC18778-021	08/05/05 12:23	Soil	3G08412.	10.0847	0.0347	10.6453	0.0066
3G08428.	AC18778-023	08/05/05 12:40	Soil	3G08412.	10.0859	0.0228	10.6442	0.0038
3G08429.	AC18778-003(R)	08/05/05 12:56	Soil	3G08412.	10.0836	0.0456	10.6446	0
3G08430.	CAL PEST@200PPB	08/05/05 13:47	Soil	3G08412.	10.0906	0.0238	10.6448	0.0019
3G08431.	CAL EVAL	08/05/05 14:08	Soil					
3G08432.	AC18778-010	08/05/05 15:16	Soil	3G08430.	10.0942	0.0357	10.6440	0.0075
3G08433.	AC18778-011	08/05/05 15:32	Soil	3G08430.	10.0867	0.0387	10.6441	0.0066
3G08434.	AC18778-012	08/05/05 15:49	Soil	3G08430.	10.0864	0.0416	10.6441	0.0066
3G08435.	AC18778-013	08/05/05 16:05	Soil	3G08430.	10.0843	0.0625	10.6444	0.0038
3G08436.	AC18778-014	08/05/05 16:22	Soil	3G08430.	10.0846	0.0595	10.6430	0.0169
3G08437.	AC18778-015	08/05/05 16:38	Soil	3G08430.	10.0851	0.0545	10.6434	0.0132
3G08438.	AC18778-016	08/05/05 16:55	Soil	3G08430.	10.0842	0.0634	10.6451	0.0028
3G08439.	AC18778-017	08/05/05 17:11	Soil	3G08430.	10.0849	0.0565	0.0000	200 *
3G08440.	AC18778-018	08/05/05 17:28	Soil	3G08430.	10.0855	0.0506	10.6431	0.016
3G08441.	AC18778-019	08/05/05 17:44	Soil	3G08430.	10.0862	0.0436	10.6468	0.0188
3G08442.	AC18778-020	08/05/05 18:00	Soil	3G08430.	10.0850	0.0555	10.6414	0.0319
3G08443.	AC18778-021	08/05/05 18:17	Soil	3G08430.	10.0854	0.0516	10.6436	0.0113
3G08444.	AC18778-022	08/05/05 18:33	Soil	3G08430.	10.0864	0.0416	10.6455	0.0066
3G08445.	AC18778-023	08/05/05 18:50	Soil	3G08430.	10.0863	0.0426	10.6439	0.0085
3G08446.	AC18778-024	08/05/05 19:06	Soil	3G08430.	10.0872	0.0337	10.6438	0.0094
3G08447.	AC18778-003(R)	08/05/05 19:22	Soil	3G08430.	10.0860	0.0456	10.6450	0.0019
3G08448.	CAL PEST@400PPB	08/05/05 19:39	Soil	3G08430.	10.0867	0.0387	10.6447	0.0009
3G08449.	CAL PEST@400PPB	08/05/05 19:55	Soil	3G08430.	10.0866	0.0396	10.6448	0
3G08450.	CAL PEST@200PPB	08/05/05 20:12	Soil	3G08430.	10.0866	0.0396	10.6454	0.0056
3G08451.	CAL PEST@200PPB	08/05/05 20:28	Soil	3G08430.	10.0864	0.0416	10.6442	0.0056
3G08452.	CAL PEST@50PPB	08/05/05 20:44	Soil	3G08430.	10.0874	0.0317	10.6459	0.0103
3G08453.	CAL PEST@50PPB	08/05/05 21:01	Soil	3G08430.	10.0871	0.0347	10.6450	0.0019
3G08454.	CAL PEST@100PPB	08/05/05 21:17	Soil	3G08430.	10.0864	0.0416	10.6450	0.0019
3G08455.	CAL PEST@100PPB	08/05/05 21:33	Soil	3G08430.	10.0864	0.0416	10.6451	0.0028

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
3G08456.	CAL EVAL	08/08/05 05:51	Aqueous					
3G08457.	CAL PEST@50PPB	08/08/05 06:08	Aqueous	3G08457.	10.0863	0	10.6455	0
3G08458.	CAL PEST@50PPB	08/08/05 06:26	Aqueous	3G08457.	10.0873	0.0099	10.6459	0.0038
3G08459.	SMB728B	08/08/05 06:56	Soil	3G08457.	10.0929	0.0654	10.6462	0.0066
3G08460.	SMB729B	08/08/05 07:12	Soil	3G08457.	10.0870	0.0069	10.6438	0.016
3G08461.	SMB728B(MS)	08/08/05 07:29	Soil	3G08457.	10.0855	0.0079	10.6444	0.0103
3G08462.	SMB729B(MS)	08/08/05 07:45	Soil	3G08457.	10.0857	0.0059	10.6444	0.0103
3G08463.	AC18830-011	08/08/05 08:02	Soil	3G08457.	10.0837	0.0258	10.6432	0.0216
3G08464.	AC18830-011(MS)	08/08/05 08:18	Soil	3G08457.	10.0841	0.0218	10.6452	0.0028
3G08465.	AC18830-011(MSD)	08/08/05 08:34	Soil	3G08457.	10.0831	0.0317	10.6430	0.0235
3G08466.	AC18920-001	08/08/05 08:51	Soil	3G08457.	10.0892	0.0287	10.6483	0.0263
3G08467.	AC18778-014(R)	08/08/05 09:07	Soil	3G08457.	10.0866	0.003	10.6455	0
3G08468.	AC18778-024(R)	08/08/05 09:24	Soil	3G08457.	10.0860	0.003	10.6455	0
3G08469.	AC18807-023	08/08/05 09:40	Soil	3G08457.	10.0869	0.0059	10.6497	0.0394
3G08470.	AC18807-001	08/08/05 09:56	Soil	3G08457.	10.0847	0.0159	10.6435	0.0188
3G08471.	AC18807-004	08/08/05 10:12	Soil	3G08457.	10.0855	0.0079	10.6474	0.0178
3G08472.	AC18807-008	08/08/05 10:29	Soil	3G08457.	10.0856	0.0069	10.6460	0.0047
3G08473.	AC18807-014	08/08/05 10:45	Soil	3G08457.	10.0887	0.0238	10.6473	0.0169
3G08474.	AC18807-017	08/08/05 11:01	Soil	3G08457.	10.0884	0.0208	10.6481	0.0244
3G08475.	AC18807-020	08/08/05 11:18	Soil	3G08457.	10.0886	0.0228	10.6493	0.0357
3G08476.	AC18830-001	08/08/05 11:33	Soil	3G08457.	10.0888	0.0248	10.6476	0.0197
3G08477.	AC18830-002	08/08/05 11:50	Soil	3G08457.	10.0886	0.0228	10.6467	0.0113
3G08478.	AC18830-009	08/08/05 12:06	Soil	3G08457.	10.0886	0.0228	10.6487	0.0301
3G08479.	CAL PEST@100PPB	08/08/05 13:20	Soil	3G08457.	10.0892	0.0287	10.6426	0.0272
3G08480.	100PPB	08/08/05 13:36	Soil	3G08479.	10.0838	0.0535	10.6421	0.0047

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: AC18807-001
Client Id: PCSB-39(0.5)
Data File: 3G08470.D
Analysis Date: 08/08/05 09:56
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0065	U	7421-93-4	Endrin Aldehyde	0.0065	U
319-84-6	alpha-BHC	0.0065	U	53494-70-5	Endrin Ketone	0.0065	U
319-85-7	beta-BHC	0.0065	U	58-89-9	gamma-BHC	0.0065	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0065	U
319-86-8	delta-BHC	0.0065	U	1024-57-3	Heptachlor Epoxide	0.0065	U
60-57-1	Dieldrin	0.0065	U	72-43-5	Methoxychlor	0.0065	U
959-98-8	Endosulfan I	0.0065	U	72-54-8	p,p'-DDD	0.0065	U
33213-65-9	Endosulfan II	0.0065	U	72-55-9	p,p'-DDE	0.0065	U
1031-07-8	Endosulfan Sulfate	0.0065	U	50-29-3	p,p'-DDT	0.0065	U
72-20-8	Endrin	0.0065	U	8001-35-2	Toxaphene	0.032	U

Worksheet #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08470.D\ECD1A.CH Vial: 54
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08470.D\ECD2B.CH
Acq On : 8 Aug 2005 9:56 Operator: JK
Sample : AC18807-001 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:22 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 : 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	456767	1057848	68.188	62.524
22)	DCB-Surrogate	10.08	10.64	413879	3131228	49.993m	127.117m#

08/10/05

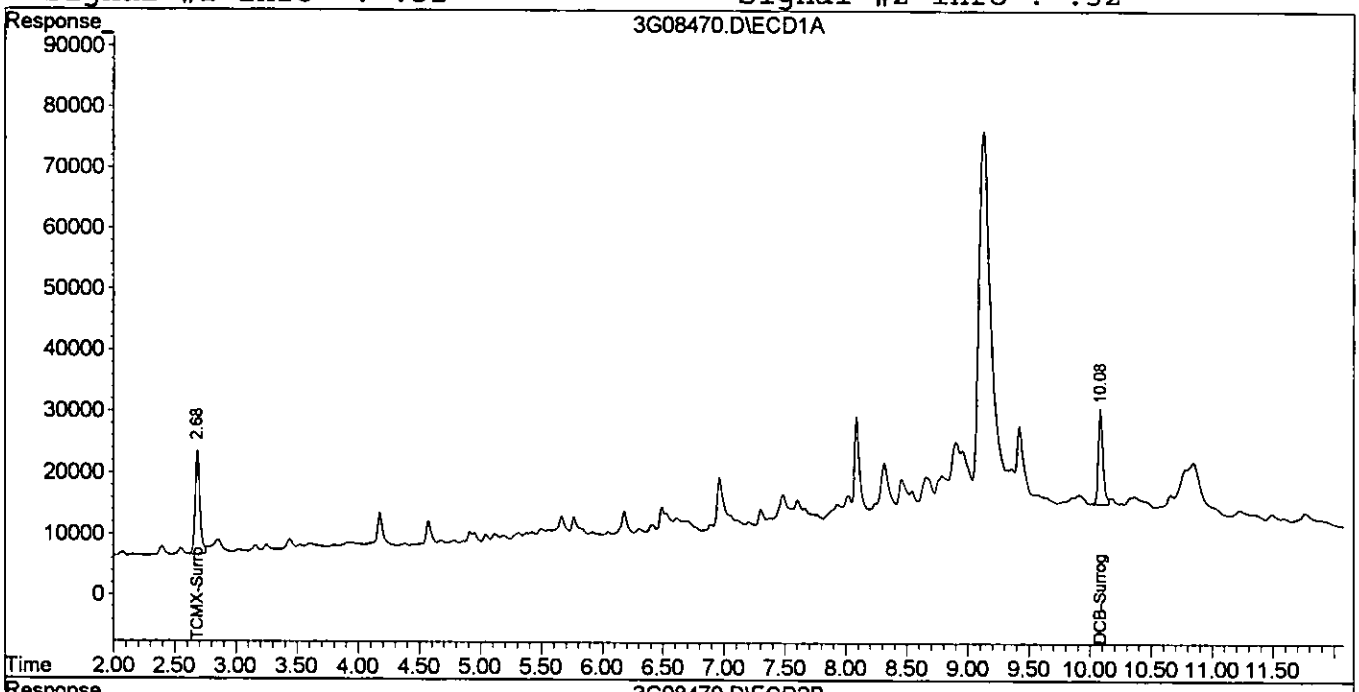
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

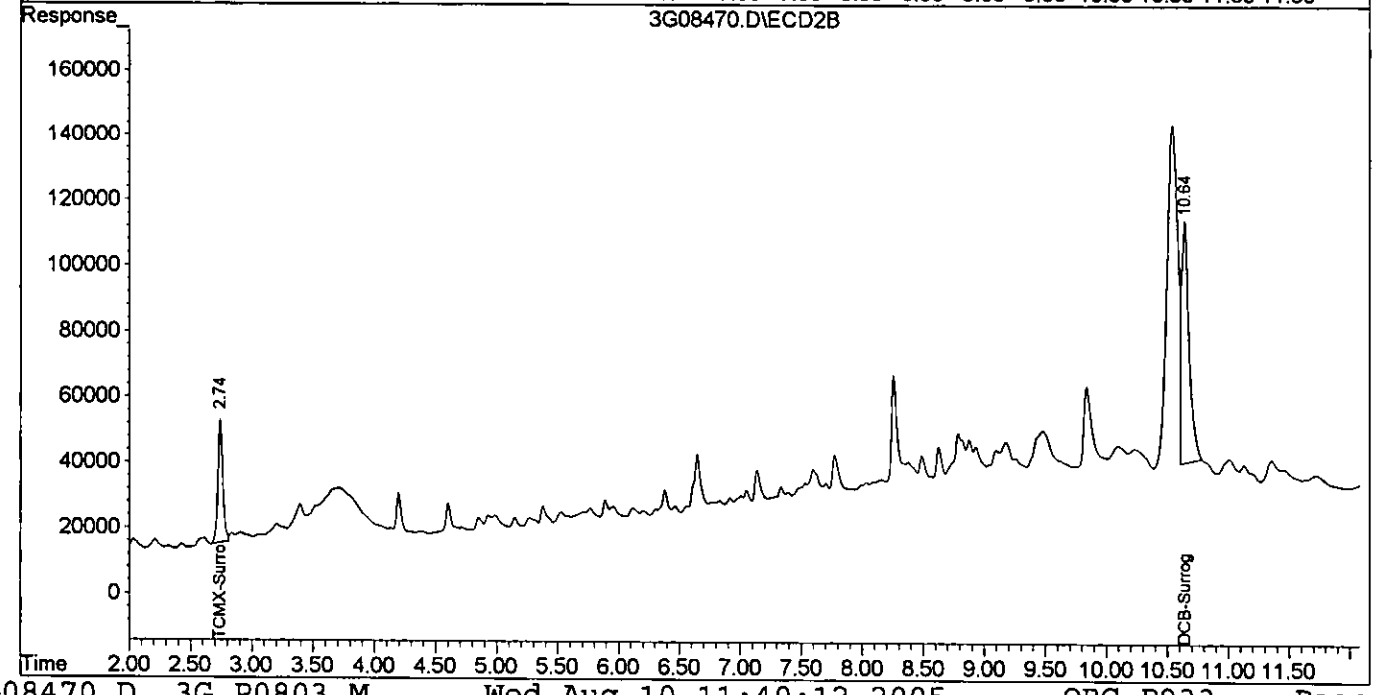
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08470.D\ECD1A.CH Vial: 44
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08470.D\ECD2B.CH
Acq On : 8 Aug 2005 9:56 Operator: JK
Sample : AC18807-001 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:22 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: AC18807-004
Client Id: PCSB-46(0.5)
Data File: 3G08471.D
Analysis Date: 08/08/05 10:12
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0057	U	7421-93-4	Endrin Aldehyde	0.0057	U
319-84-6	alpha-BHC	0.0057	U	53494-70-5	Endrin Ketone	0.0057	U
319-85-7	beta-BHC	0.0057	U	58-89-9	gamma-BHC	0.0057	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0057	U
319-86-8	delta-BHC	0.0057	U	1024-57-3	Heptachlor Epoxide	0.0057	U
60-57-1	Dieldrin	0.0057	U	72-43-5	Methoxychlor	0.0057	U
959-98-8	Endosulfan I	0.0057	U	72-54-8	p,p'-DDD	0.0057	U
33213-65-9	Endosulfan II	0.0057	U	**72-55-9**	**p,p'-DDE**	**0.0057**	**0.014**
1031-07-8	Endosulfan Sulfate	0.0057	U	50-29-3	p,p'-DDT	0.0057	U
72-20-8	Endrin	0.0057	U	8001-35-2	Toxaphene	0.028	U

Worksheet #: 18070

Total Target Concentration 0.014

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08471.D\ECD1A.CH Vial: 55
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08471.D\ECD2B.CH
Acq On : 8 Aug 2005 10:12 Operator: JK
Sample : AC18807-004 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:25 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 : 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	574445	1326274	87.467m	81.277
12)	p,p'-DDE	6.41	6.47	168859	275342	24.694m	15.123m#
22)	DCB-Surrogate	10.09	10.65	505326	1921673	61.039m	78.013 #

08/10/01

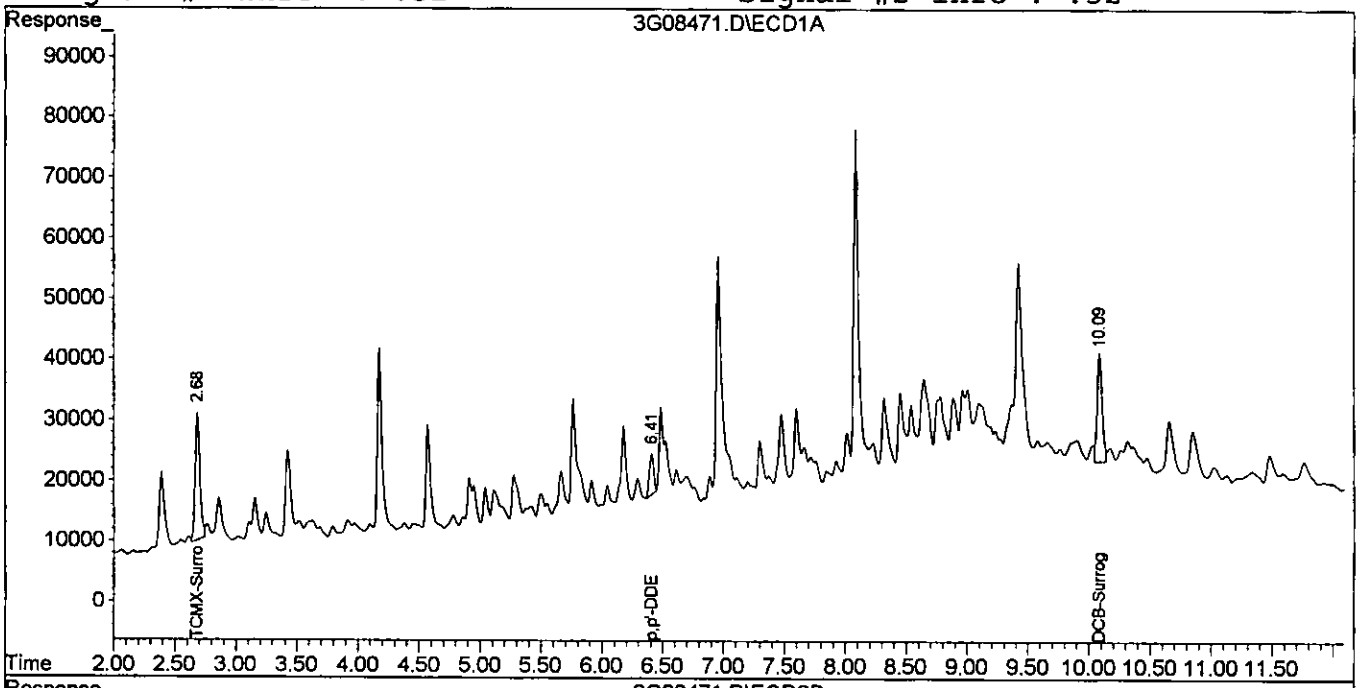
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

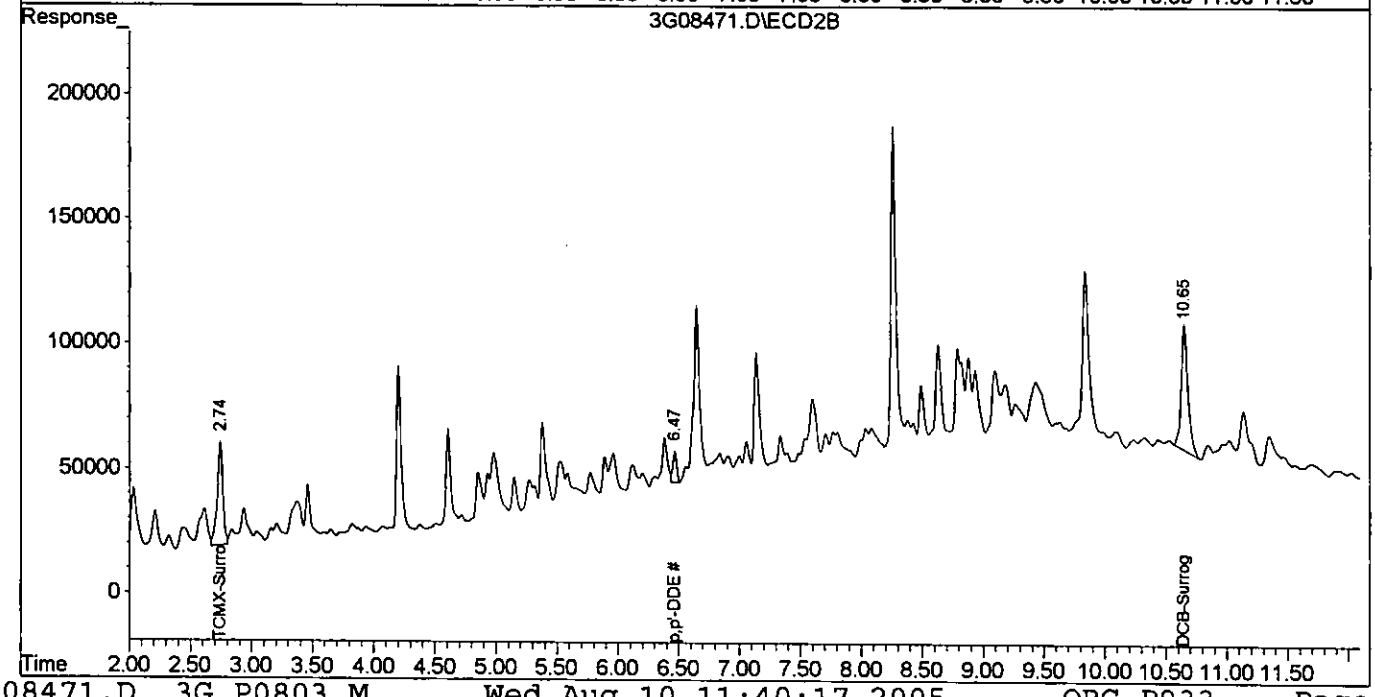
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08471.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08471.D\ECD2B.CH
Acq On : 8 Aug 2005 10:12 Operator: JK
Sample : AC18807-004 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:25 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: AC18807-007
Client Id: FB072805
Data File: 5G03408.D
Analysis Date: 08/03/05 09:38
Date Rec/Extracted: 07/28/05-08/02/05

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 #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03408.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03408.D\ECD2B.CH
Acq On : 8-3-05 9:38:36 Operator: JK
Sample : AC18807-007 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 10:20 2005 Quant Results File: 5G_P0729.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.72	6.62	806.3E6	724.7E6	130.273	112.296
22)	DCB-Surrogate	13.91	14.32	806.3E6	685.0E6	132.679m	118.115

08/10/01

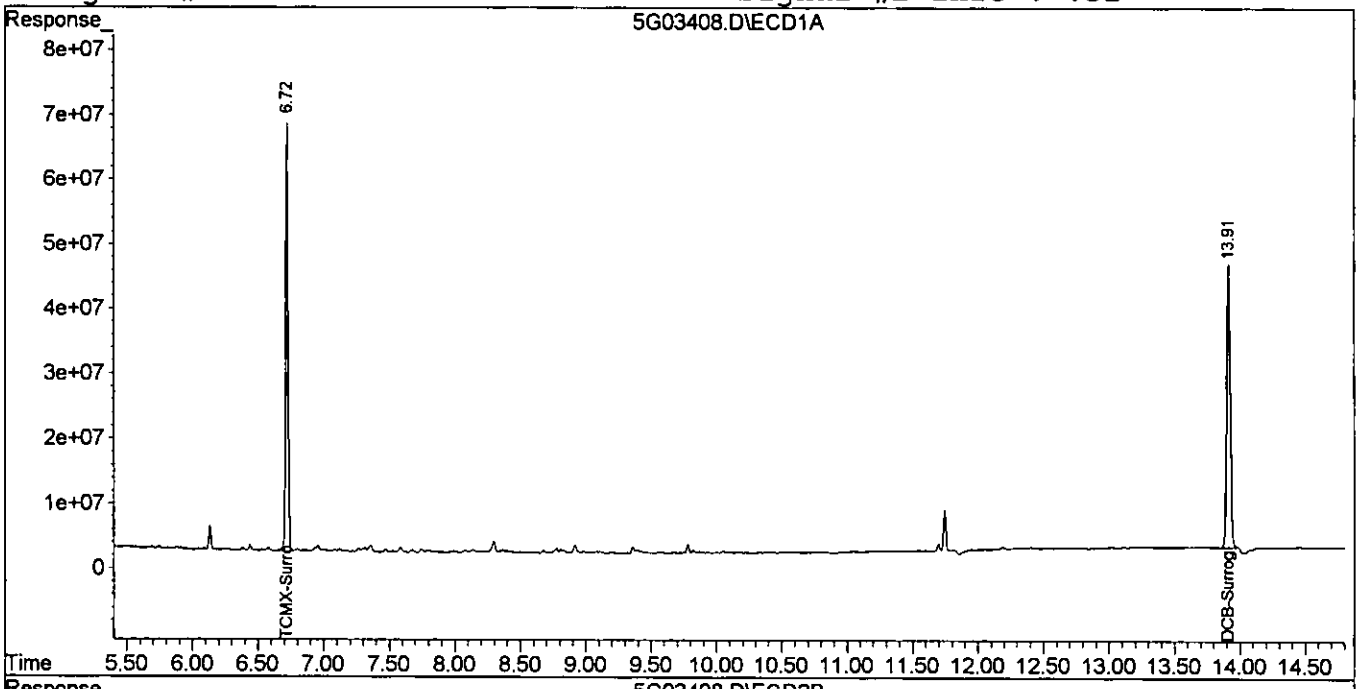
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

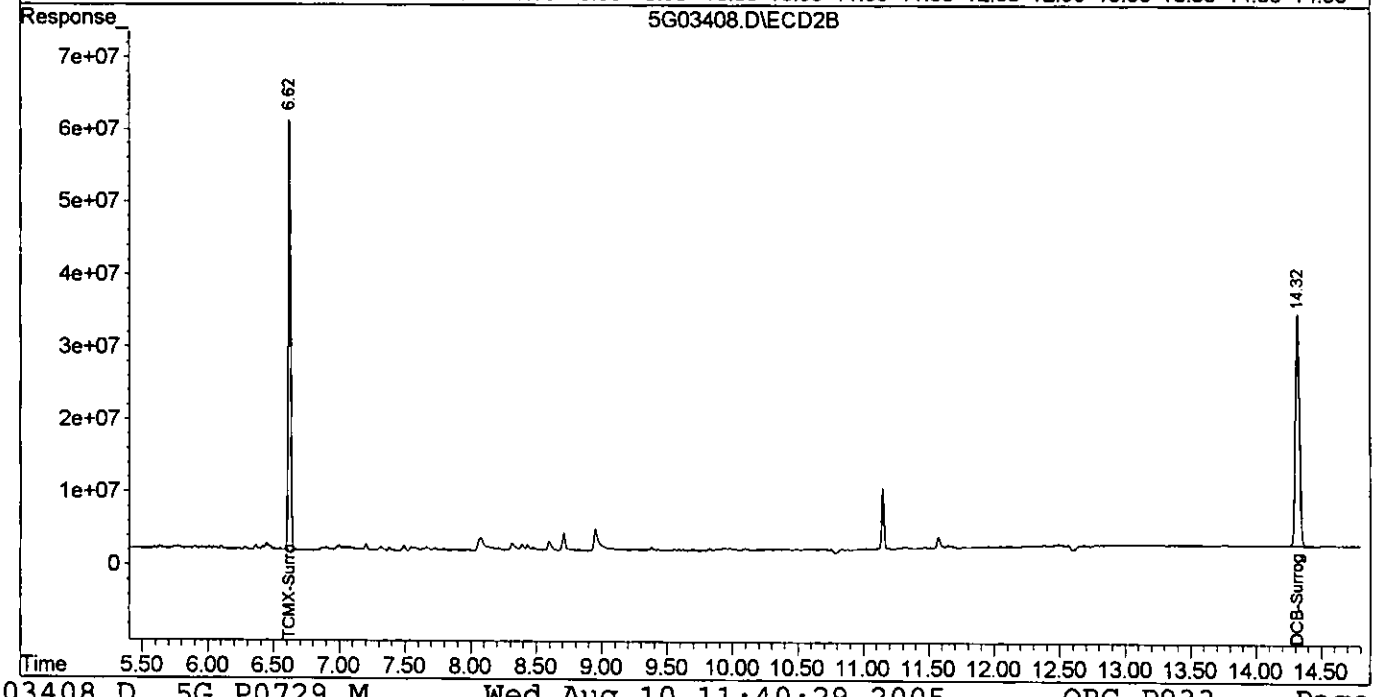
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03408.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03408.D\ECD2B.CH
Acq On : 8-3-05 9:38:36 Operator: JK
Sample : AC18807-007 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 10:20 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18807-008
Client Id: PCSB-40(0.5)
Data File: 3G08472.D
Analysis Date: 08/08/05 10:29
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 75

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0067	U	7421-93-4	Endrin Aldehyde	0.0067	U
319-84-6	alpha-BHC	0.0067	U	53494-70-5	Endrin Ketone	0.0067	U
319-85-7	beta-BHC	0.0067	U	58-89-9	gamma-BHC	0.0067	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0067	U
319-86-8	delta-BHC	0.0067	U	1024-57-3	Heptachlor Epoxide	0.0067	U
60-57-1	Dieldrin	0.0067	U	72-43-5	Methoxychlor	0.0067	U
959-98-8	Endosulfan I	0.0067	U	72-54-8	p,p'-DDD	0.0067	U
33213-65-9	Endosulfan II	0.0067	U	72-55-9	p,p'-DDE	0.0067	U
1031-07-8	Endosulfan Sulfate	0.0067	U	50-29-3	p,p'-DDT	0.0067	U
72-20-8	Endrin	0.0067	U	8001-35-2	Toxaphene	0.033	U

Worksheet #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08472.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08472.D\ECD2B.CH
Acq On : 8 Aug 2005 10:29 Operator: JK
Sample : AC18807-008 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 12:37 2005 Quant Results File: 3G_P0803.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	534520	1198228	80.893	72.331
22)	DCB-Surrogate	10.09	10.65	547501	1924795	66.133m	78.140m

08/10/0

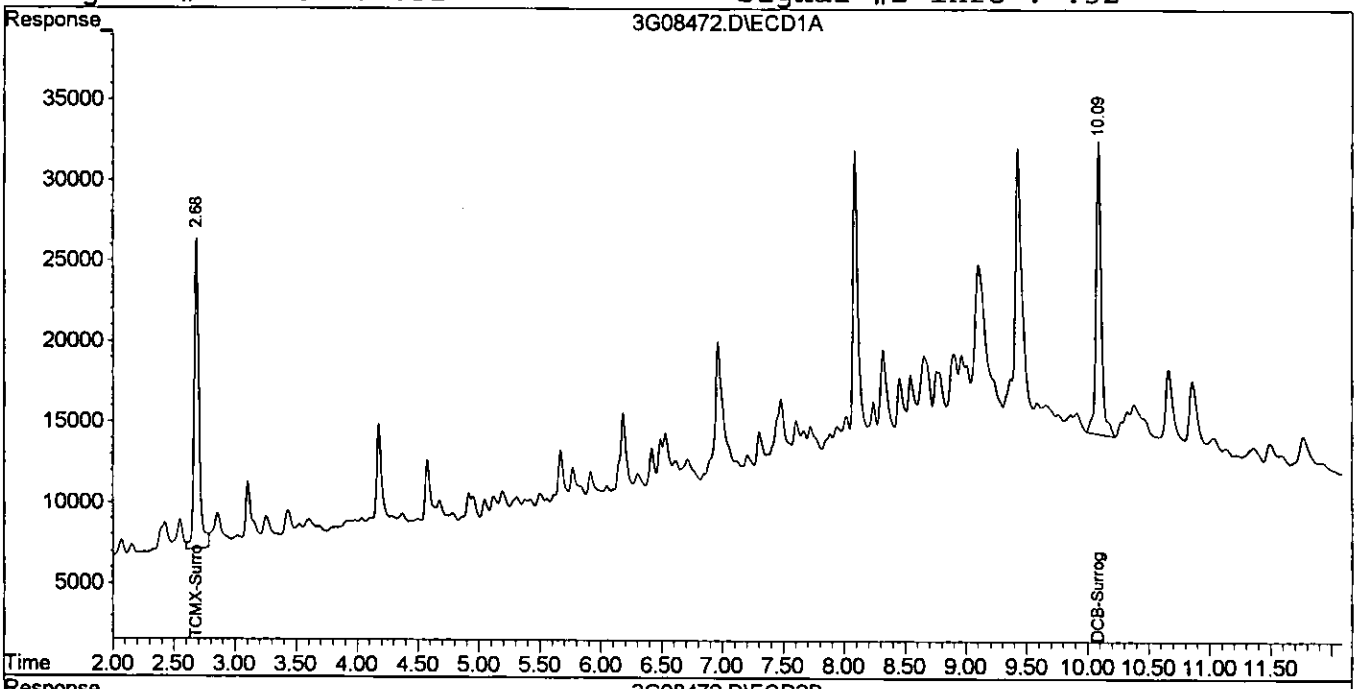
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

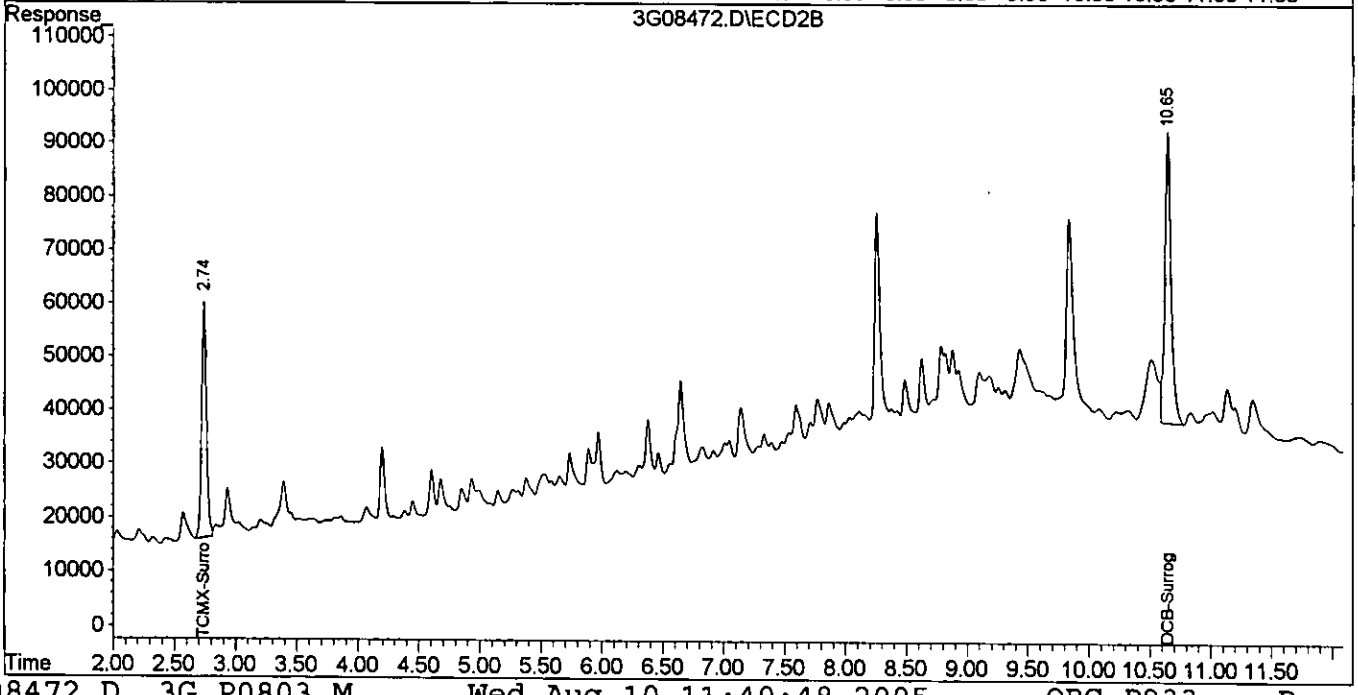
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08472.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08472.D\ECD2B.CH
Acq On : 8 Aug 2005 10:29 Operator: JK
Sample : AC18807-008 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 12:37 2005 Quant Results File: 3G_P0803.RES

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

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18807-014
Client Id: PCSB-31(0.5)
Data File: 3G08473.D
Analysis Date: 08/08/05 10:45
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0069	U	7421-93-4	Endrin Aldehyde	0.0069	U
319-84-6	alpha-BHC	0.0069	U	53494-70-5	Endrin Ketone	0.0069	U
319-85-7	beta-BHC	0.0069	U	58-89-9	gamma-BHC	0.0069	U
57-74-9	Chlordane	0.014	U	76-44-8	Heptachlor	0.0069	U
319-86-8	delta-BHC	0.0069	U	1024-57-3	Heptachlor Epoxide	0.0069	U
60-57-1	Dieldrin	0.0069	U	72-43-5	Methoxychlor	0.0069	U
959-98-8	Endosulfan I	0.0069	U	72-54-8	p,p'-DDD	0.0069	U
33213-65-9	Endosulfan II	0.0069	U	72-55-9	p,p'-DDE	0.0069	U
1031-07-8	Endosulfan Sulfate	0.0069	U	50-29-3	p,p'-DDT	0.0069	U
72-20-8	Endrin	0.0069	U	8001-35-2	Toxaphene	0.035	U

Worksheet #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08473.D\ECD1A.CH Vial: 57
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08473.D\ECD2B.CH
Acq On : 8 Aug 2005 10:45 Operator: JK
Sample : AC18807-014 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 12:45 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 13:04:59 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	650336	1417435	100.058	87.646
22)	DCB-Surrogate	10.09	10.65	592622	2174406	71.583m	88.273m

08/12/05

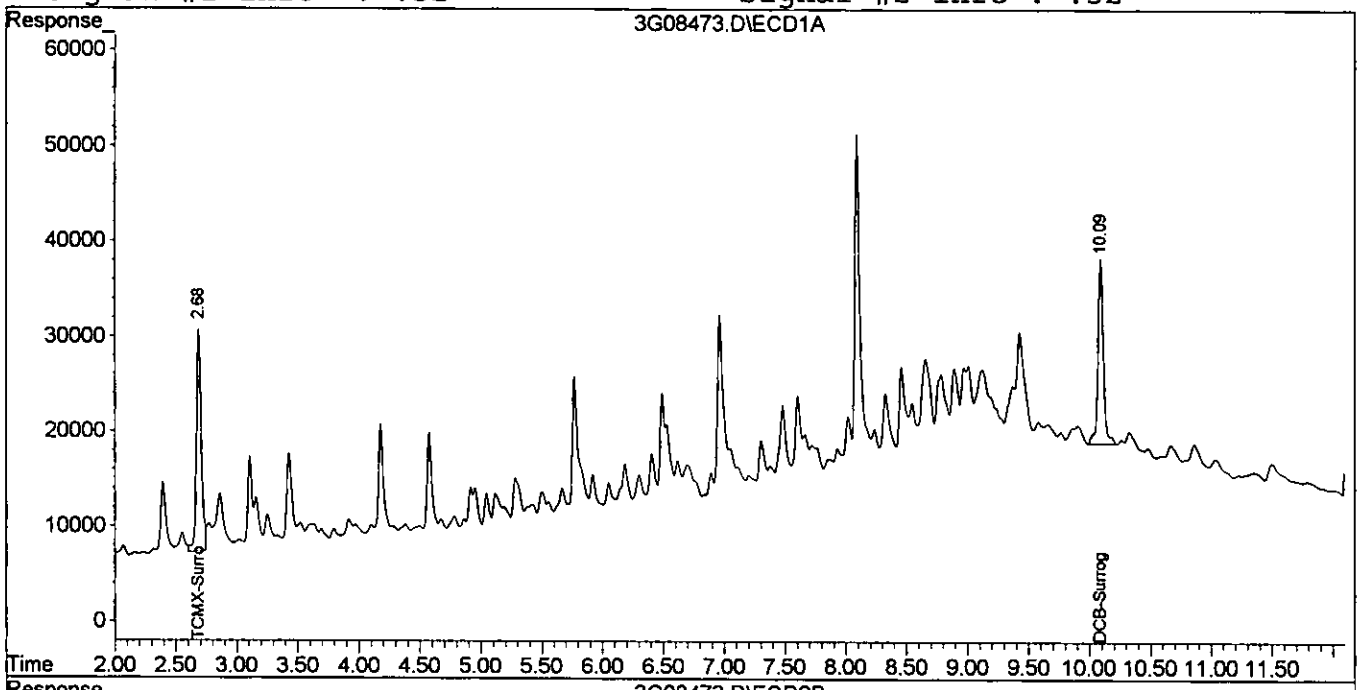
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

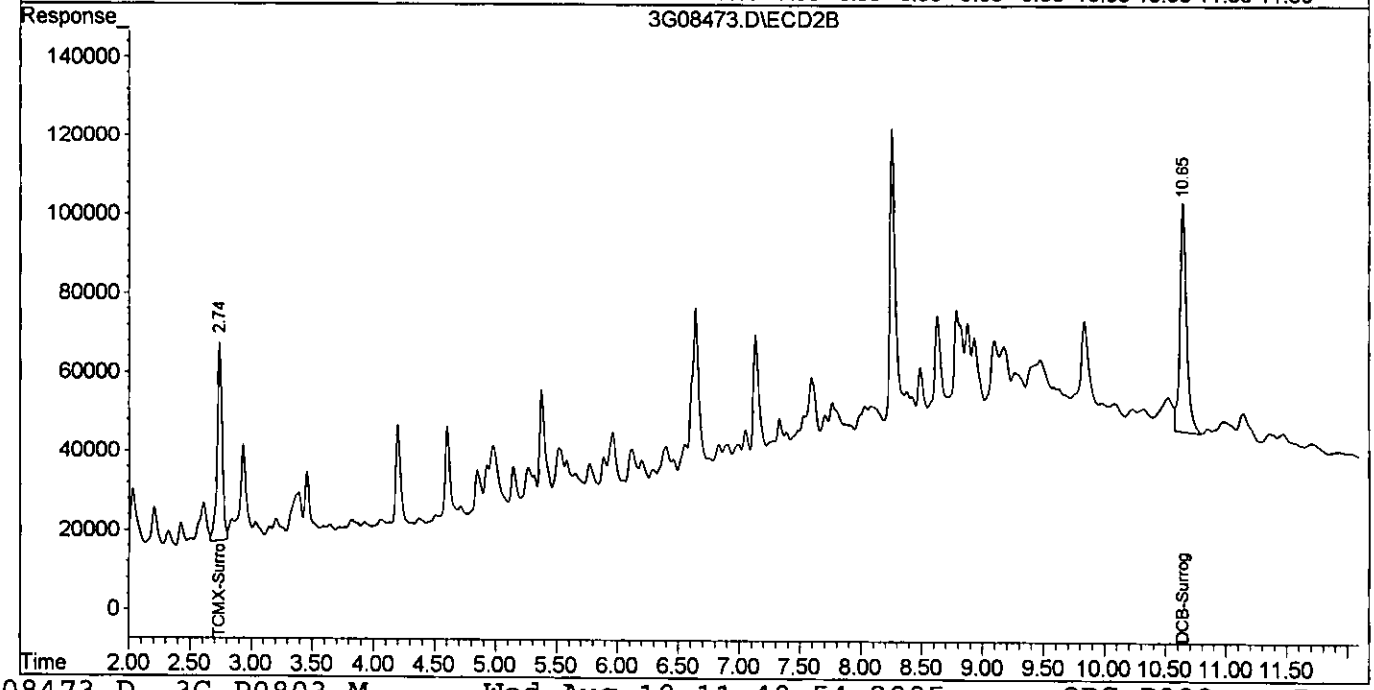
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08473.D\ECD1A.CH Vial: 17
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08473.D\ECD2B.CH
Acq On : 8 Aug 2005 10:45 Operator: JK
Sample : AC18807-014 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 12:45 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 13:04:59 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18807-017
Client Id: PCSB-32(0.5)
Data File: 3G08474.D
Analysis Date: 08/08/05 11:01
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 75

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0067	U	7421-93-4	Endrin Aldehyde	0.0067	U
319-84-6	alpha-BHC	0.0067	U	53494-70-5	Endrin Ketone	0.0067	U
319-85-7	beta-BHC	0.0067	U	58-89-9	gamma-BHC	0.0067	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0067	U
319-86-8	delta-BHC	0.0067	U	1024-57-3	Heptachlor Epoxide	0.0067	U
60-57-1	Dieldrin	0.0067	U	72-43-5	Methoxychlor	0.0067	U
959-98-8	Endosulfan I	0.0067	U	72-54-8	p,p'-DDD	0.0067	U
33213-65-9	Endosulfan II	0.0067	U	72-55-9	p,p'-DDE	0.0067	U
1031-07-8	Endosulfan Sulfate	0.0067	U	50-29-3	p,p'-DDT	0.0067	U
72-20-8	Endrin	0.0067	U	8001-35-2	Toxaphene	0.033	U

Worksheet #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08474.D\ECD1A.CH Vial: 18
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08474.D\ECD2B.CH
Acq On : 8 Aug 2005 11:01 Operator: JK
Sample : AC18807-017 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 11:52 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 13:04:59 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	564013	1420994	85.746	87.895
22)	DCB-Surrogate	10.09	10.65	565355	1790025	68.290m	72.669

08/10/05

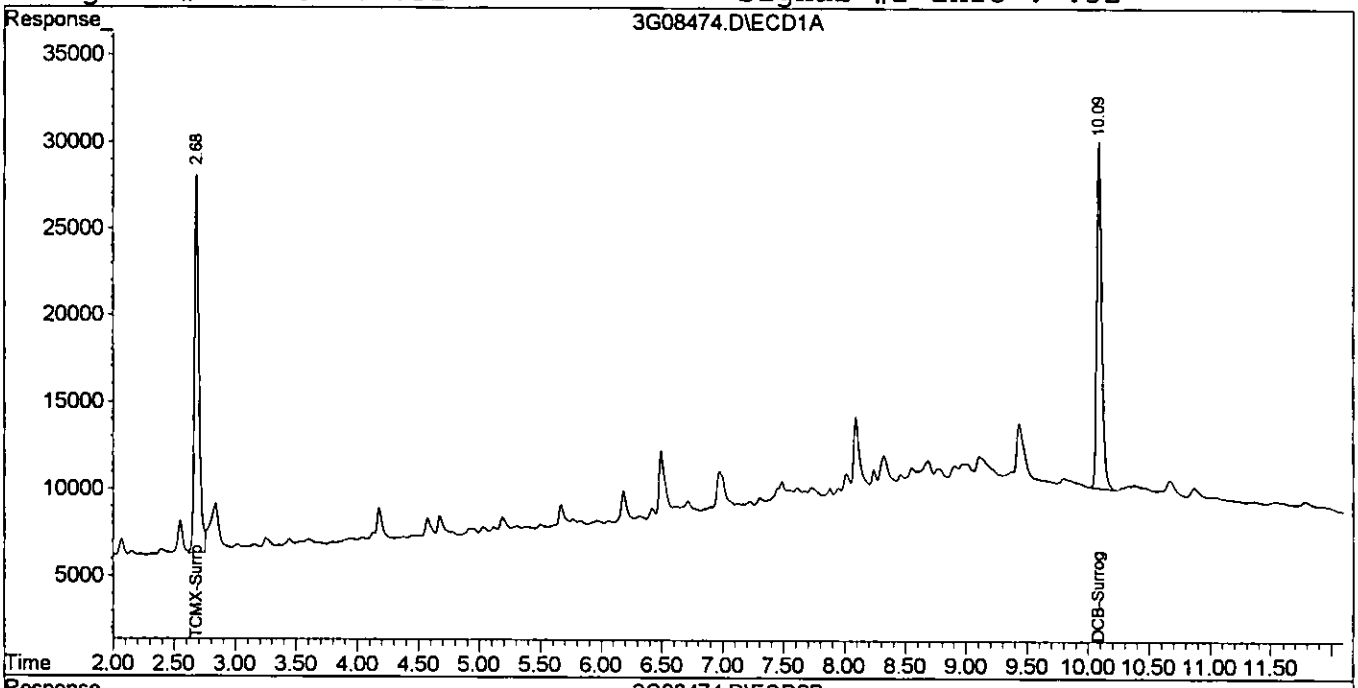
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

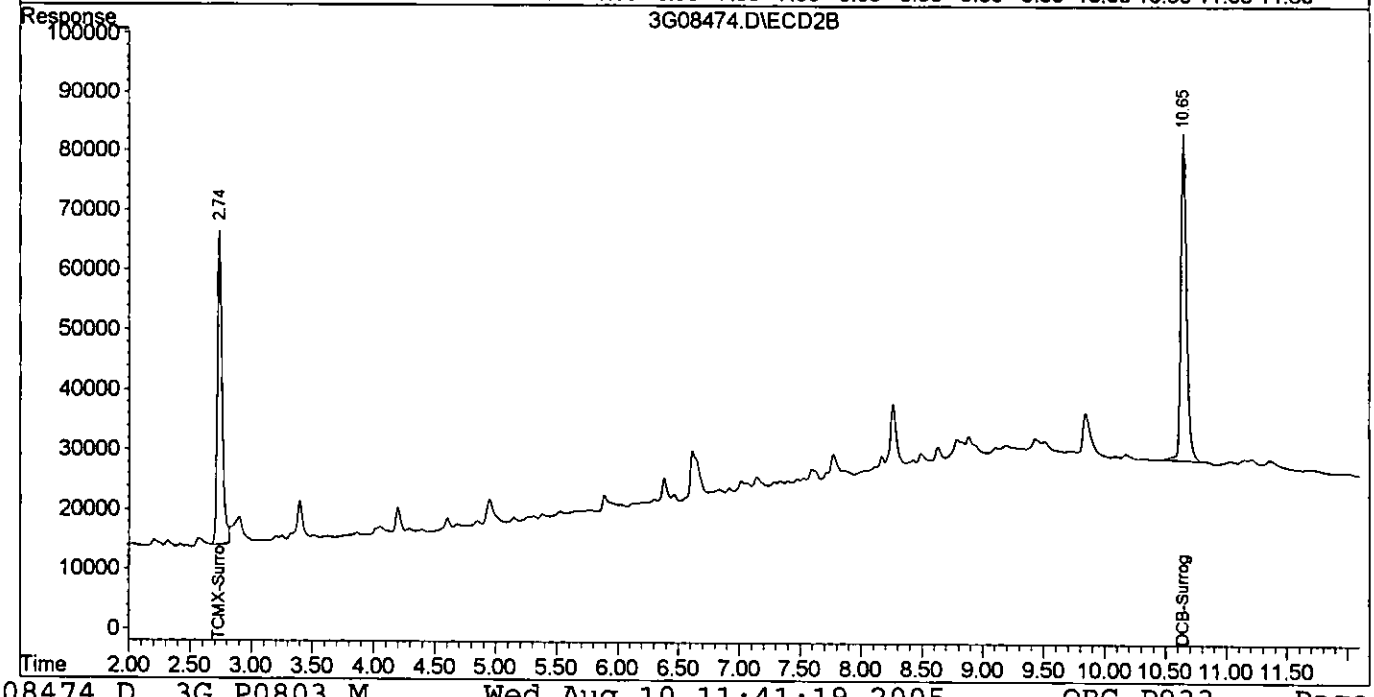
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08474.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08474.D\ECD2B.CH
Acq On : 8 Aug 2005 11:01 Operator: JK
Sample : AC18807-017 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 11:52 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 13:04:59 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18807-020
Client Id: PCSB-33(0.5)
Data File: 3G08475.D
Analysis Date: 08/08/05 11:18
Date Rec/Extracted: 07/28/05-08/07/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 80

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0063	U	7421-93-4	Endrin Aldehyde	0.0063	U
319-84-6	alpha-BHC	0.0063	U	53494-70-5	Endrin Ketone	0.0063	U
319-85-7	beta-BHC	0.0063	U	58-89-9	gamma-BHC	0.0063	U
57-74-9	Chlordane	0.013	U	76-44-8	Heptachlor	0.0063	U
319-86-8	delta-BHC	0.0063	U	1024-57-3	Heptachlor Epoxide	0.0063	U
60-57-1	Dieldrin	0.0063	U	72-43-5	Methoxychlor	0.0063	U
959-98-8	Endosulfan I	0.0063	U	72-54-8	p,p'-DDD	0.0063	U
33213-65-9	Endosulfan II	0.0063	U	72-55-9	p,p'-DDE	0.0063	U
1031-07-8	Endosulfan Sulfate	0.0063	U	50-29-3	p,p'-DDT	0.0063	U
72-20-8	Endrin	0.0063	U	8001-35-2	Toxaphene	0.031	U

Worksheet #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08475.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08475.D\ECD2B.CH
Acq On : 8 Aug 2005 11:18 Operator: JK
Sample : AC18807-020 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 11:50 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 13:04:59 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	461078	1118485	68.889	66.760
22)	DCB-Surrogate	10.09	10.65	507243	1541586	61.270m	62.583

08/10/05

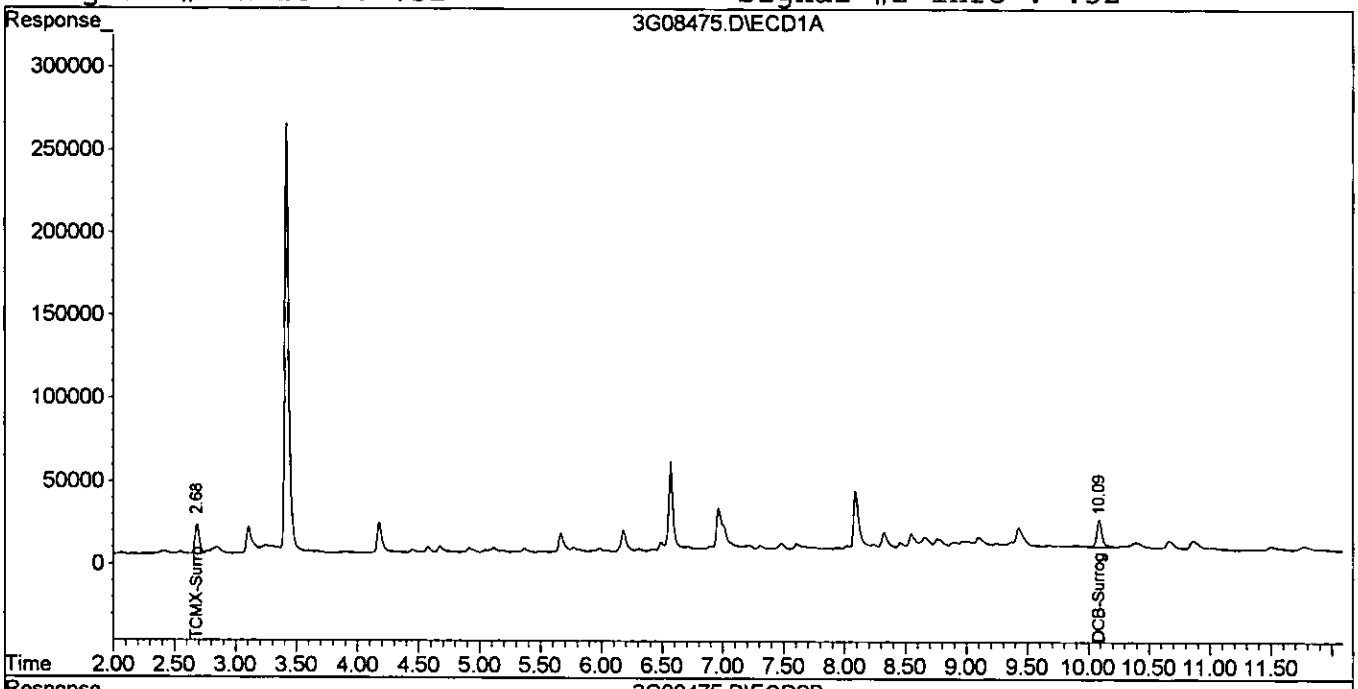
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

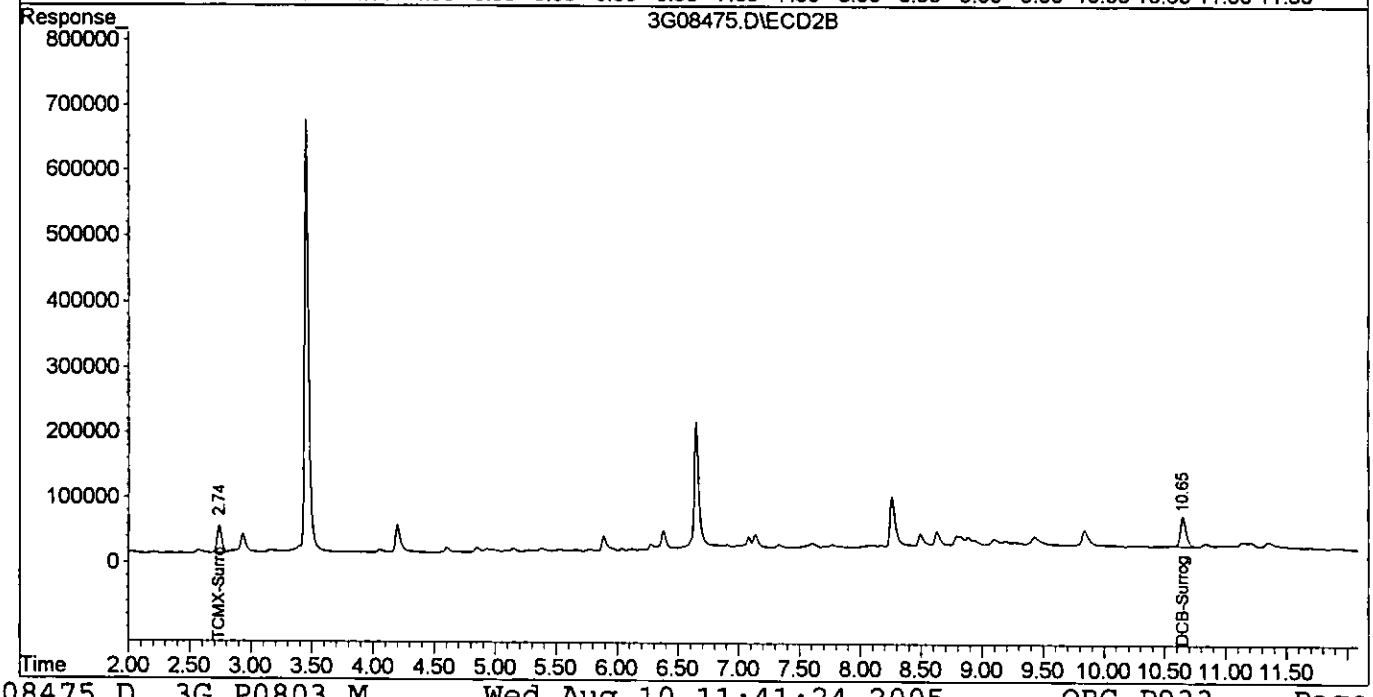
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08475.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08475.D\ECD2B.CH
Acq On : 8 Aug 2005 11:18 Operator: JK
Sample : AC18807-020 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 11:50 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 13:04:59 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18807-023
Client Id: PCSB-41(0.5)
Data File: 3G08469.D
Analysis Date: 08/08/05 09:40
Date Rec/Extracted: 07/28/05-08/07/05

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**	**0.085**
33213-65-9	Endosulfan II	0.0054	U	**72-55-9**	**p,p'-DDE**	**0.0054**	**0.15**
1031-07-8	Endosulfan Sulfate	0.0054	U	**50-29-3**	**p,p'-DDT**	**0.0054**	**0.10**
72-20-8	Endrin	0.0054	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18070

Total Target Concentration 0.335

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08469.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08469.D\ECD2B.CH
Acq On : 8 Aug 2005 9:40 Operator: JK
Sample : AC18807-023 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:19 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 : 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	475197	1123149	71.188	67.086
12)	p,p'-DDE	6.42	6.47	1829740	4634965	267.577m	254.580m
15)	p,p'-DDD	7.41	7.19	734226	2198904	139.894m	155.601m
17)	p,p'-DDT	7.64	7.60	500191	2443247	136.883m	189.991 #
22)	DCB-Surrogate	10.09	10.65	489961	1739566	59.183m	70.620

08/10/05

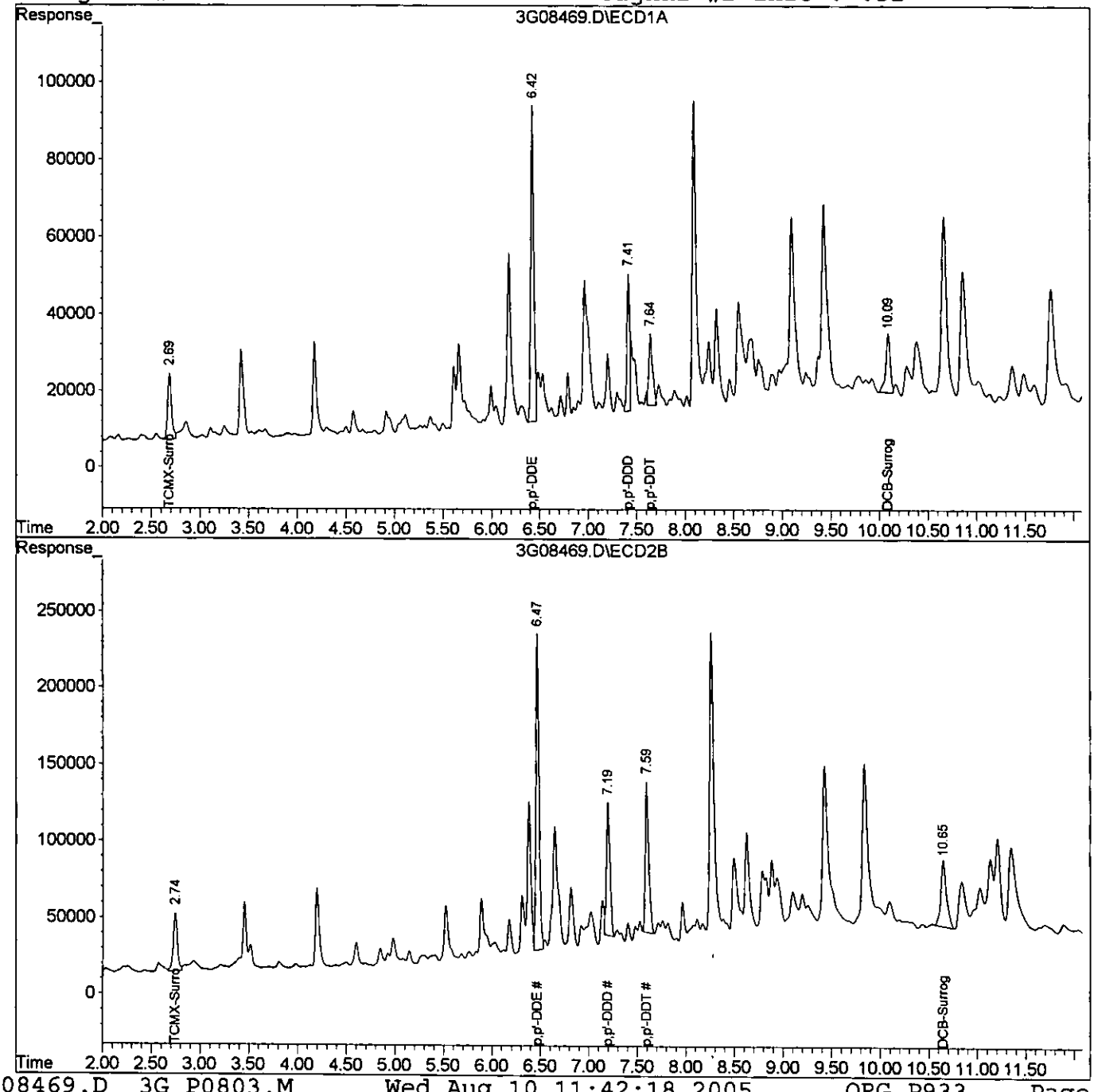
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08469.D\ECD1A.CH Vial: 33
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08469.D\ECD2B.CH
Acq On : 8 Aug 2005 9:40 Operator: JK
Sample : AC18807-023 Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 10:19 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



GC Pesticide Data
Standards Data

Form 6
Initial Calibration

Instrument: GC_5

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

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	550.74	585.85	706.83	637.85	630.39	601.75	----	----	619	6.72	0.999	1.00	8.6	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Avg	656.02	613.10	719.38	694.36	701.97	676.49	----	----	677	8.01	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	534.75	574.97	625.40	571.30	569.49	547.44	----	----	571	8.54	0.999	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	266.25	273.47	288.38	257.16	253.81	243.16	----	----	264	9.43	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	483.90	504.34	536.92	477.43	463.11	433.64	----	----	483	8.81	0.998	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	480.04	502.44	565.14	516.26	517.61	501.63	----	----	514	9.76	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	507.69	561.74	648.89	594.27	593.23	571.88	----	----	580	9.17	0.999	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	490.84	481.77	508.47	456.21	446.41	422.89	----	----	468	9.99	0.999	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	496.60	521.63	573.28	524.39	525.05	507.97	----	----	525	10.38	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	549.51	525.21	573.27	522.82	520.94	502.44	----	----	532	10.44	0.999	1.00	4.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	437.32	478.39	482.33	435.94	430.37	411.34	----	----	446	10.34	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	637.23	527.47	613.16	561.83	563.74	545.95	----	----	575	10.51	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	436.32	485.87	454.73	406.91	398.52	376.34	----	----	426	10.77	0.999	1.00	9.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	330.79	345.86	368.09	312.34	303.58	298.23	----	----	326	11.01	0.999	0.999	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	344.14	352.67	405.65	351.81	340.55	327.04	----	----	354	11.43	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	422.68	440.27	431.56	390.46	384.65	370.45	----	----	407	11.56	0.999	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Avg	335.25	247.88	320.43	309.18	323.37	330.94	----	----	311	11.62	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	252.30	220.61	280.01	251.65	242.35	228.07	----	----	246	12.04	0.998	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	431.70	417.94	402.90	366.10	359.87	346.71	----	----	388	12.39	0.999	1.00	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Avg	138.88	133.97	159.24	148.50	148.09	146.84	----	----	146	12.27	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	355.82	351.39	371.15	324.71	321.85	306.57	----	----	339	12.91	0.999	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	545.27	618.72	681.06	605.90	606.36	589.11	----	----	608	13.91	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	27.8	8.81	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	61.0	10.38	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	89.5	10.44	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	2.91	10.46	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	7.13	11.48	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	8.95	11.60	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	5.84	11.90	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	7.23	12.34	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	591.03	616.13	742.56	664.69	648.76	609.17	----	----	645	6.62	0.998	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	688.73	769.92	907.04	842.71	839.64	798.84	----	----	808	7.63	0.999	1.00	9.2	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	587.61	651.24	754.64	688.90	688.39	658.53	----	----	672	8.17	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Avg	307.11	315.54	334.44	299.13	294.08	277.23	----	----	305	8.25	0.999	1.00	6.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	435.78	468.56	525.73	474.41	471.78	450.10	----	----	471	8.61	0.999	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	592.49	637.18	744.97	686.88	689.43	664.71	----	----	669	8.74	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	2	0	Avg	509.99	561.11	663.97	607.93	606.57	579.28	----	----	588	9.05	0.999	1.00	8.8	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 7.16 Avg Rsd Col 2: 6.95

Flags

c - failed the initial calibration criteria(if applicable)

Note:

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

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

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

Form 6
Initial Calibration

Instrument: GC_5

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

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

Avg Rsd Col 1: 7.16 Avg Rsd Col 2: 6.95

Flags

c - failed the initial calibration criteria(if applicable)

Note:

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

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

Quantitation Report (QT Reviewed)

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

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

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

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

Kegan 8/10/05

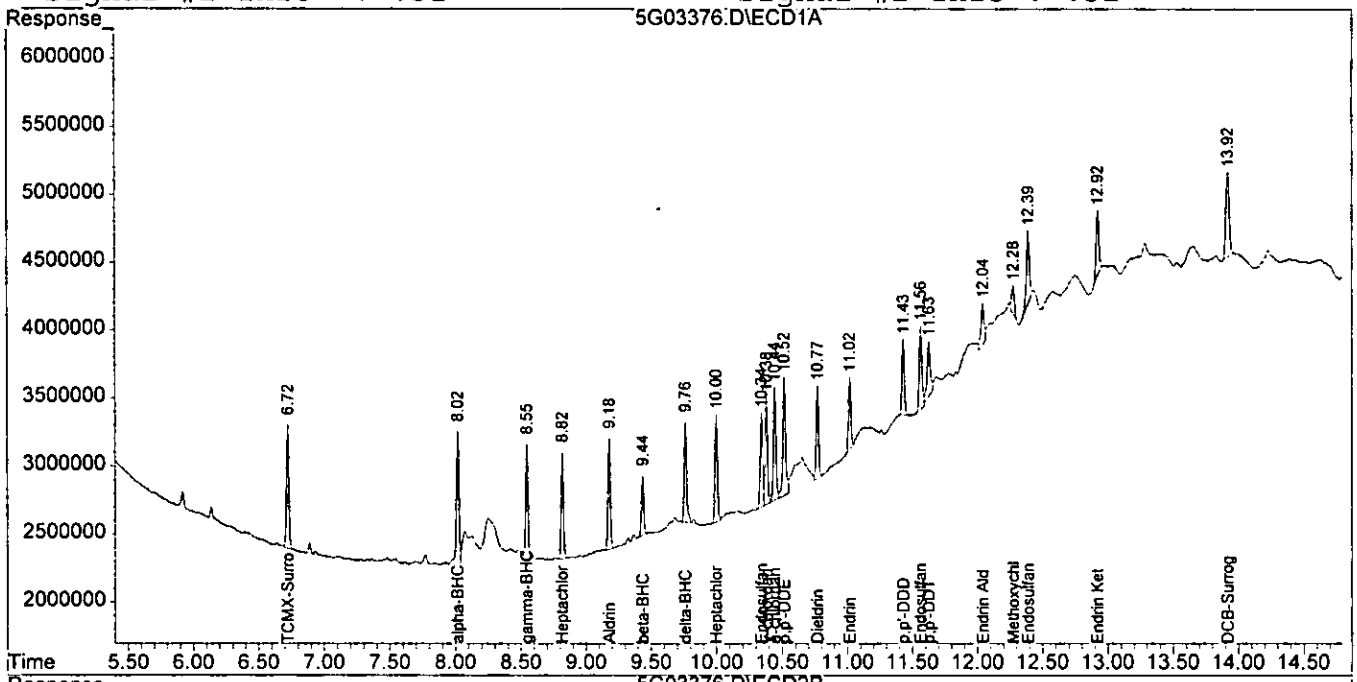
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

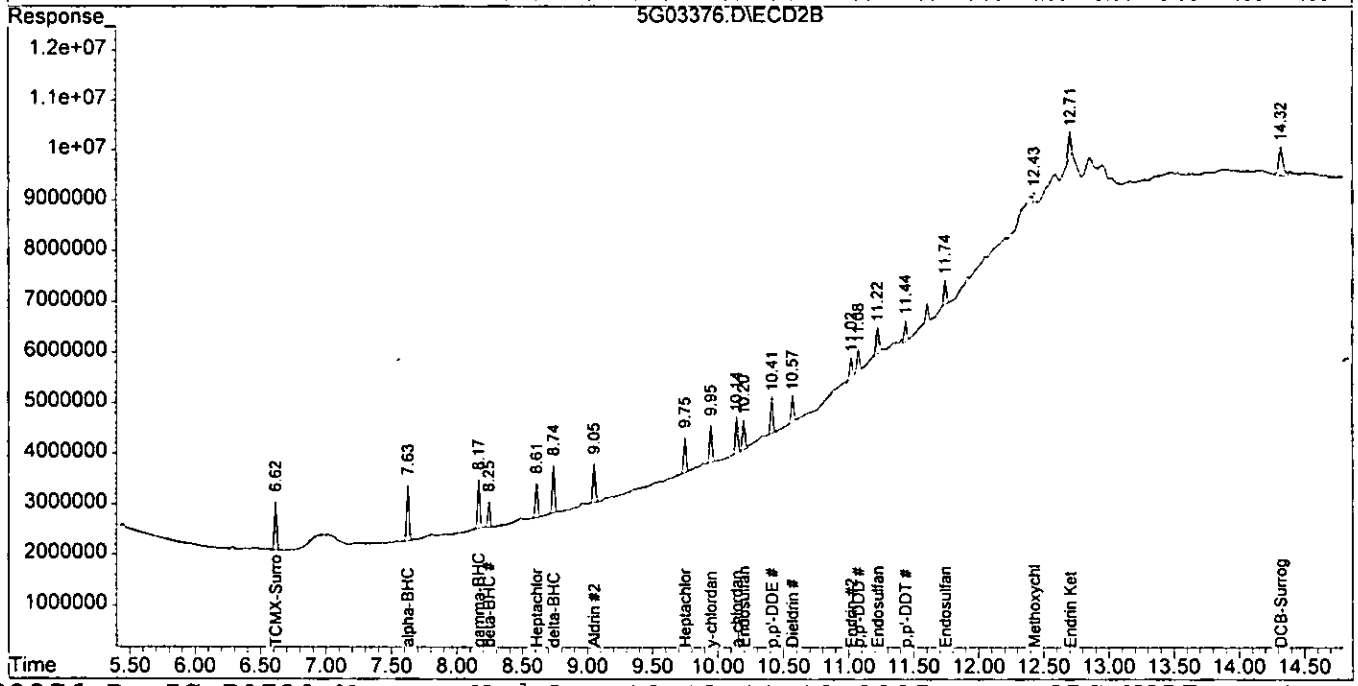
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

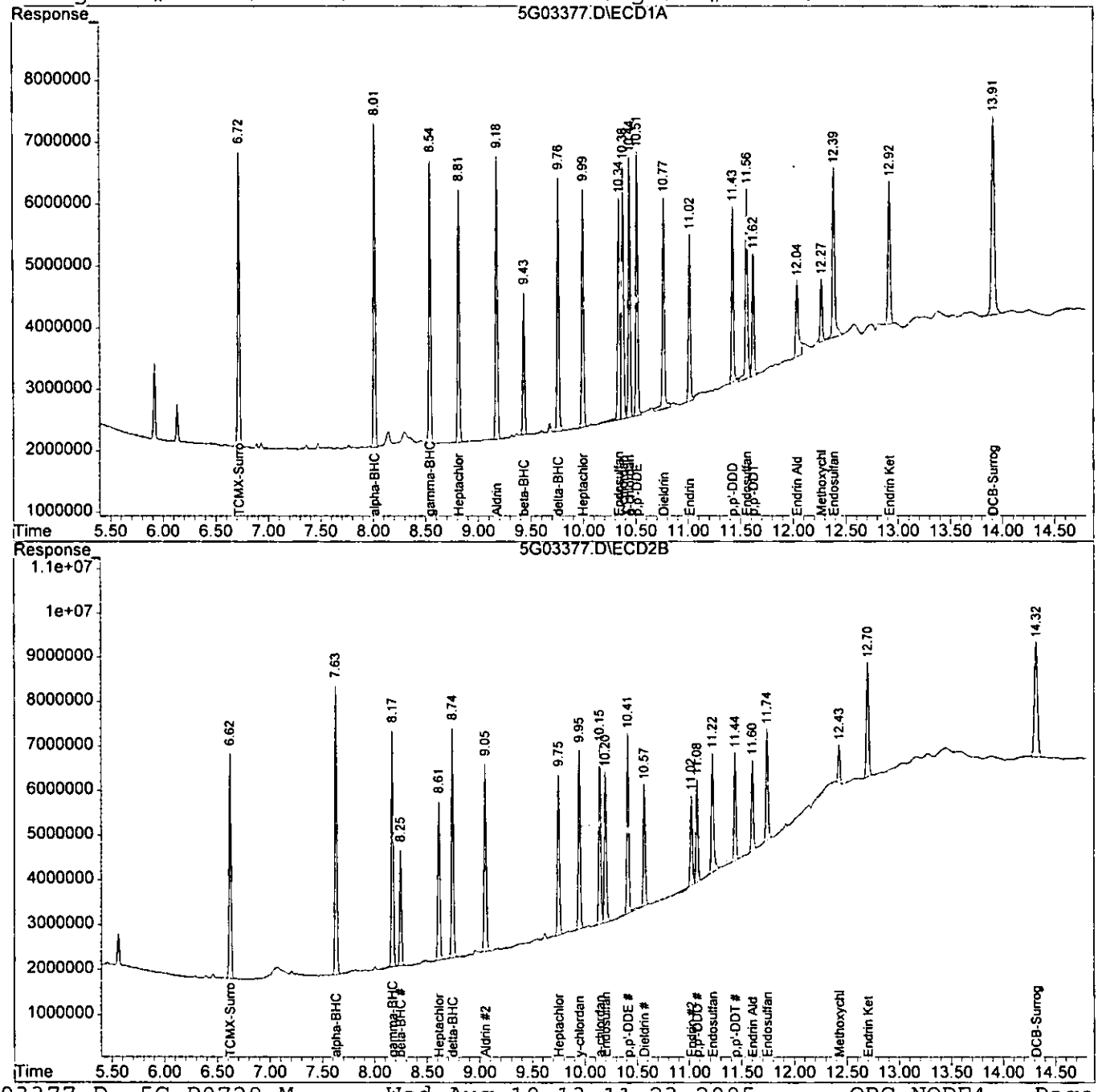
kasui 8/10/05

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD1A.CH Vial: 45
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03378.D\ECD2B.CH
Acq On : 7-29-05 8:47:29 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 9:05 2005 Quant Results File: 5G_P0729.RES

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

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

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

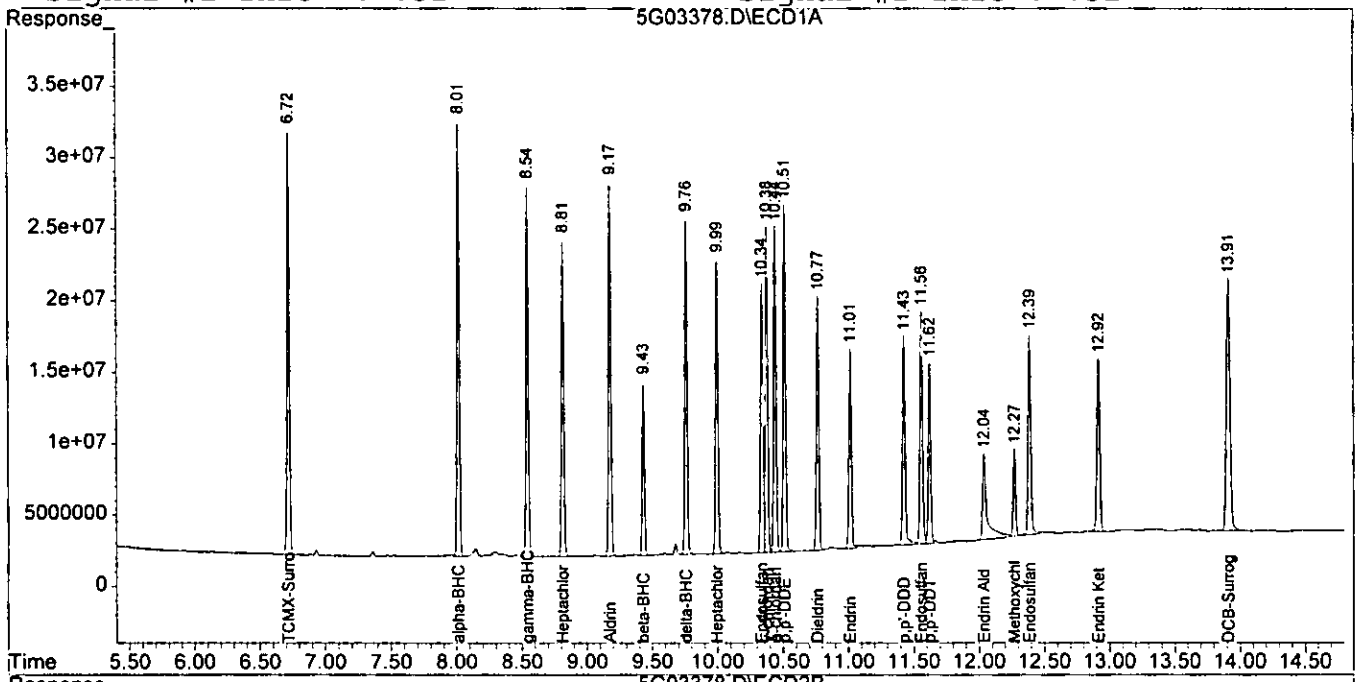
Kasai 8/10/05

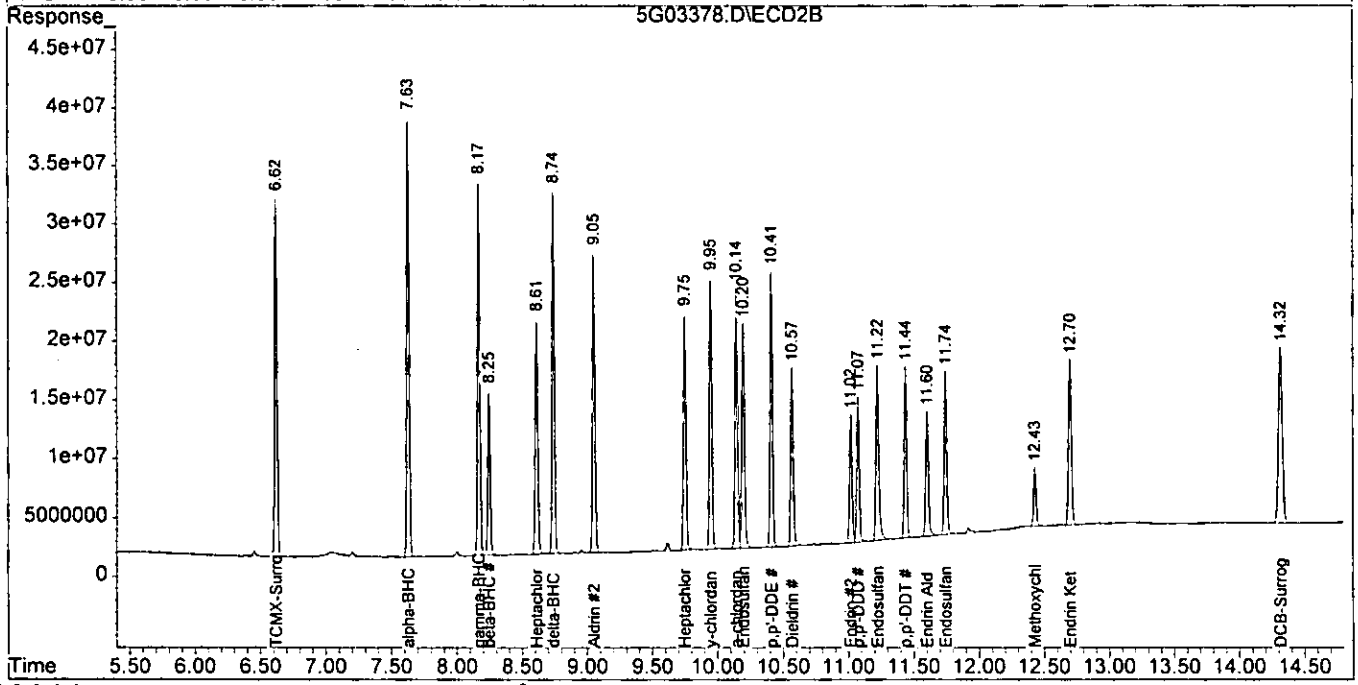
Quantitation Report

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD1A.CH Vial: 43
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03379.D\ECD2B.CH
Acq On : 7-29-05 9:06:27 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 9:25 2005 Quant Results File: 5G_P0729.RES

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

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

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

Kasui 8/10/05

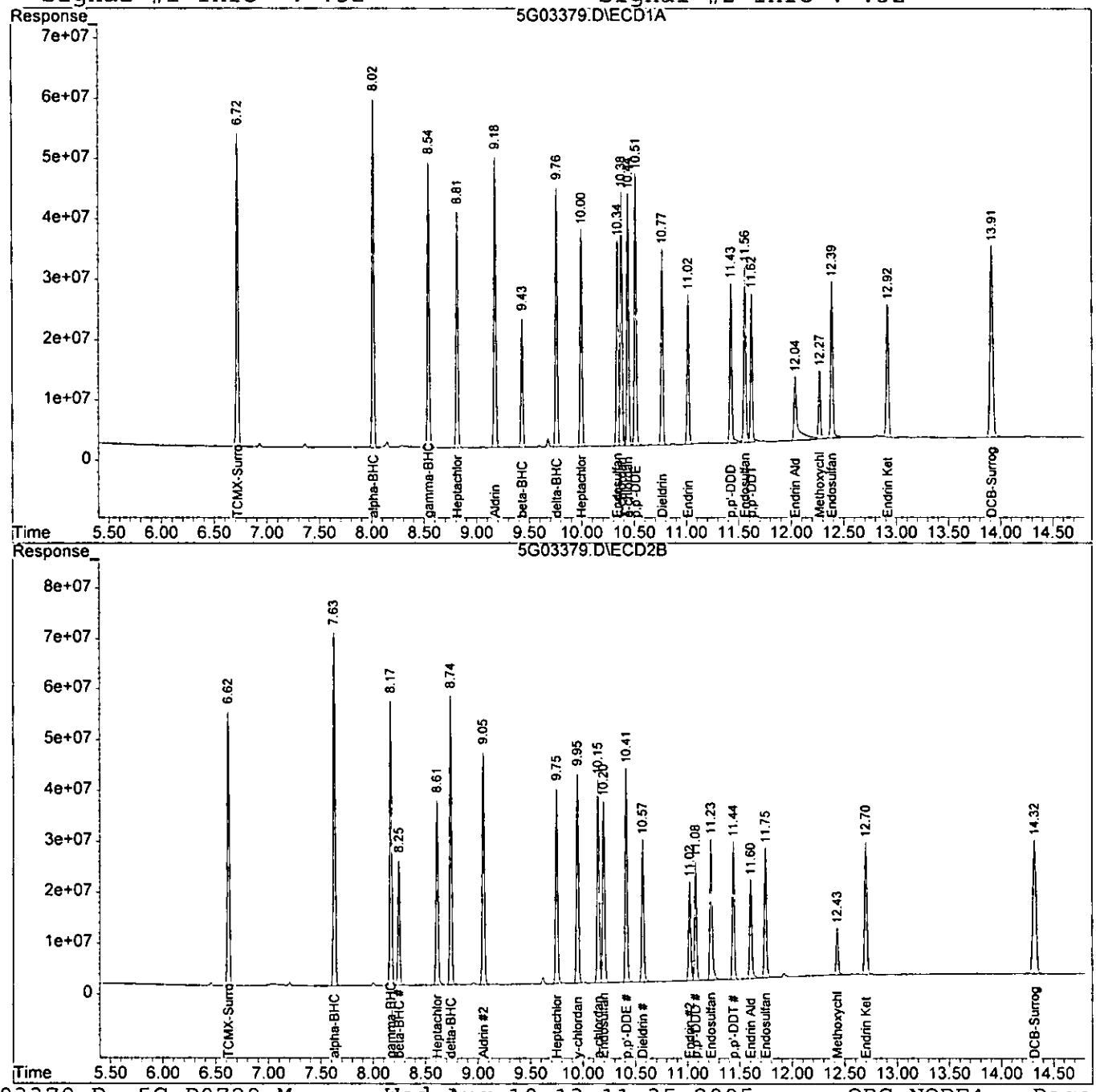
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

Kasui 8/10/05

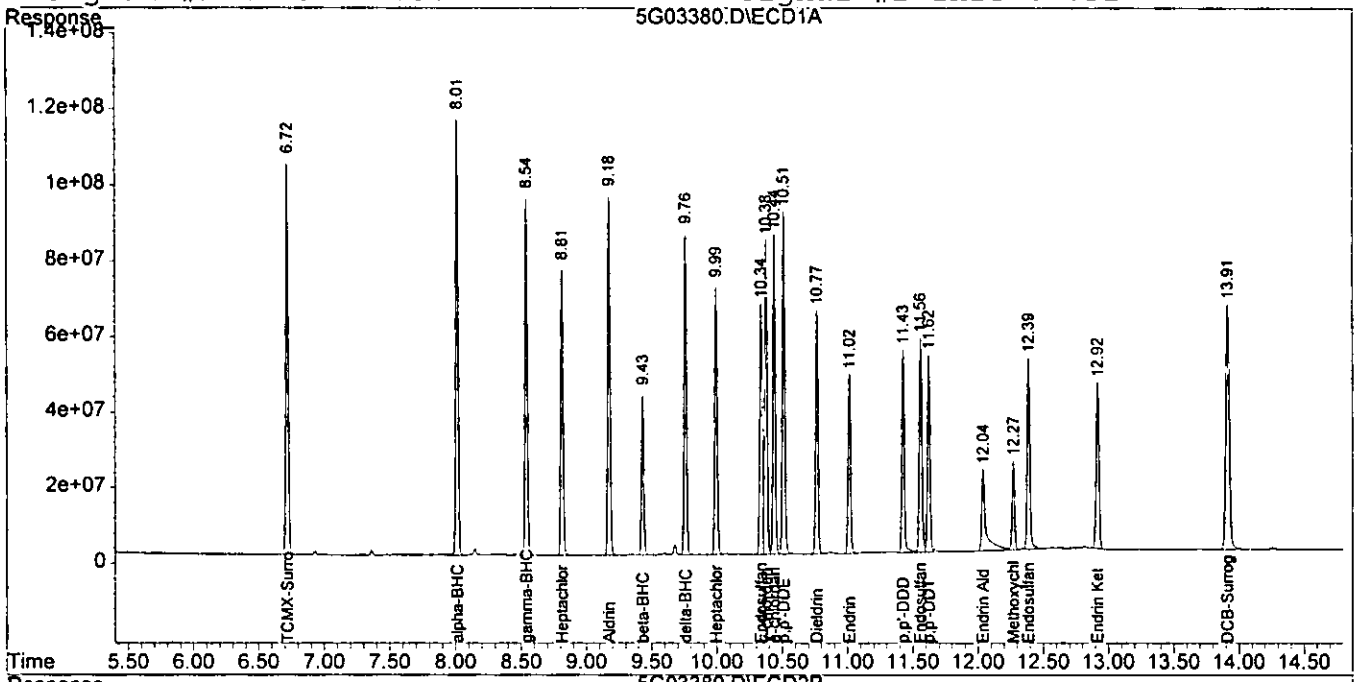
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

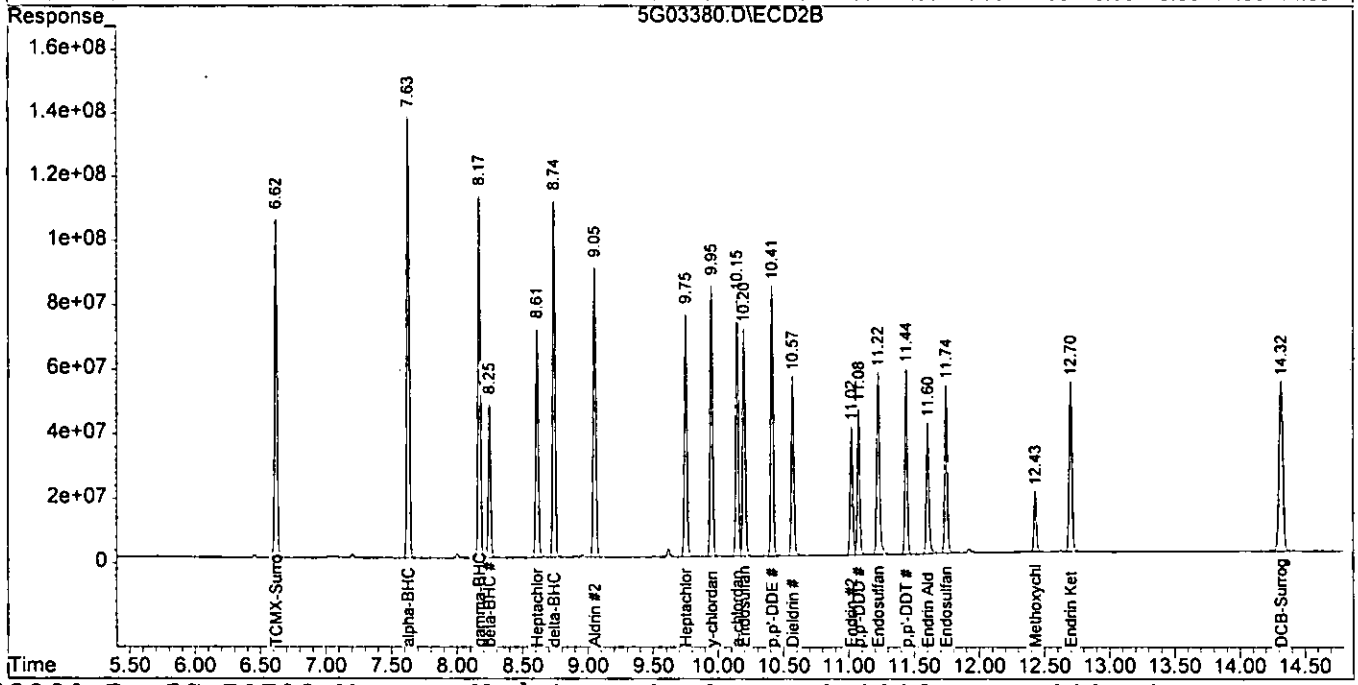
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

Kevin 8/10/05

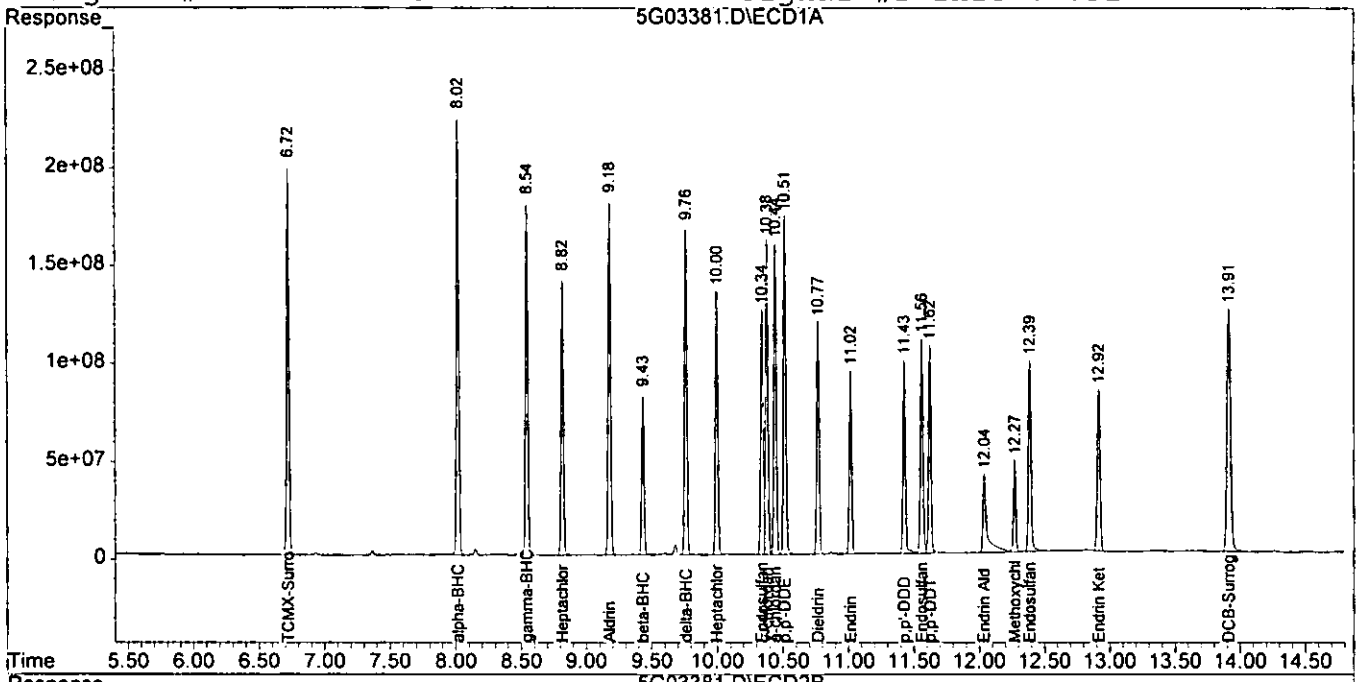
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

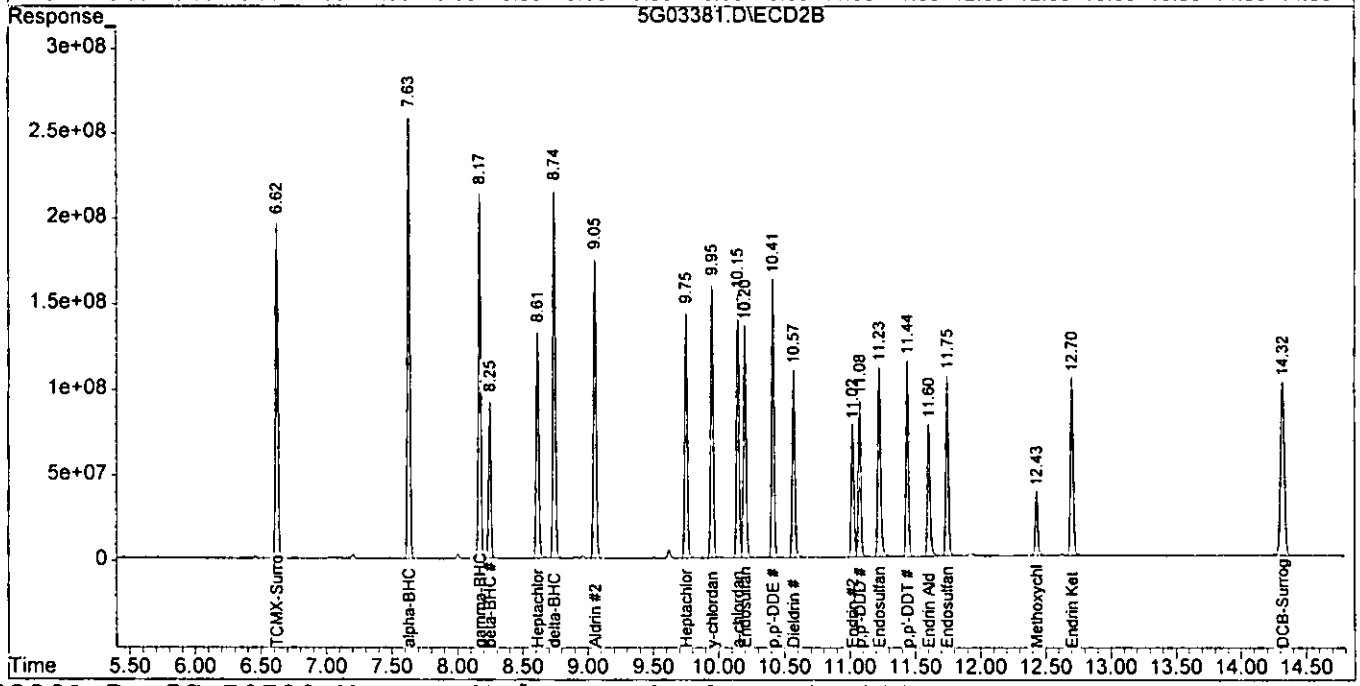
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD1A.CH Vial: 67
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03382.D\ECD2B.CH
Acq On : 7-29-05 10:02:51 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 10:35 2005 Quant Results File: 5G_P0729.RES

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

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

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

Ksell 8/10/05

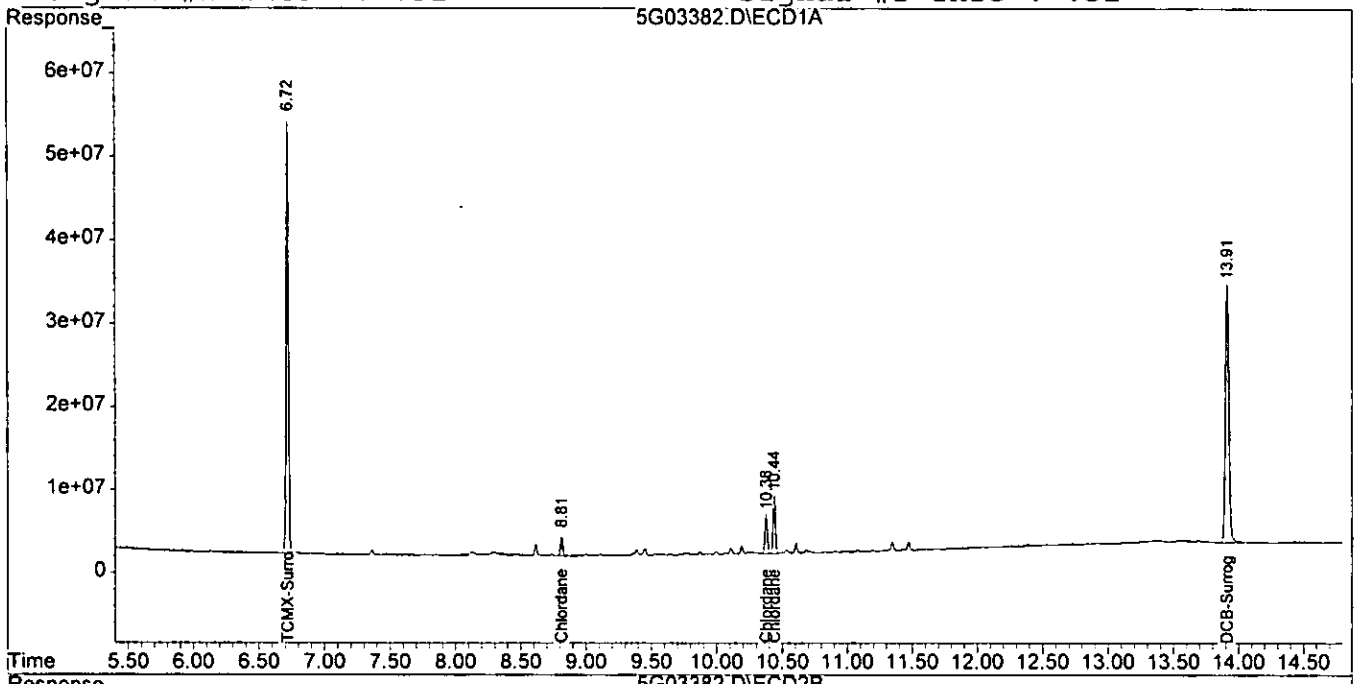
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

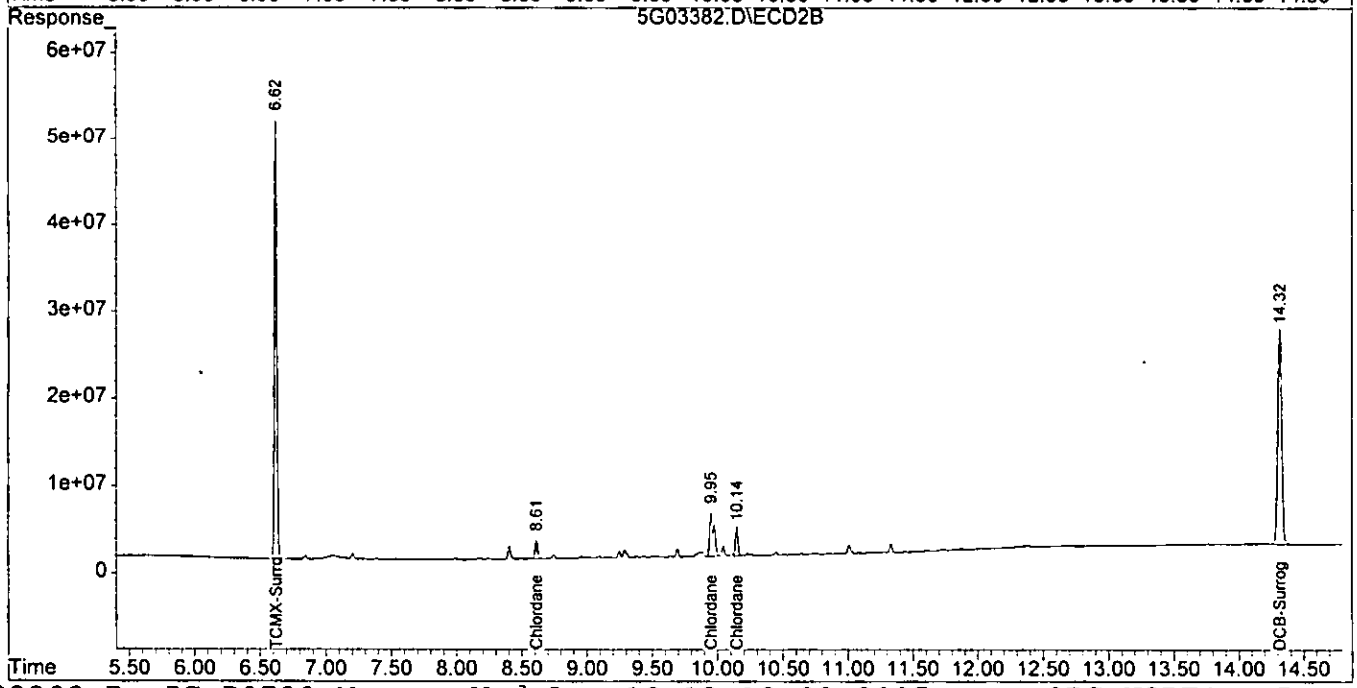
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD1A.CH Vial: 95
Signal #2 : G:\Gcdata\2005\Gc_5\Data\07-29-05\5G03383.D\ECD2B.CH
Acq On : 7-29-05 10:21:48 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Jul 29 10:41 2005 Quant Results File: 5G_P0729.RES

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

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

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

Kassel 8/10/05

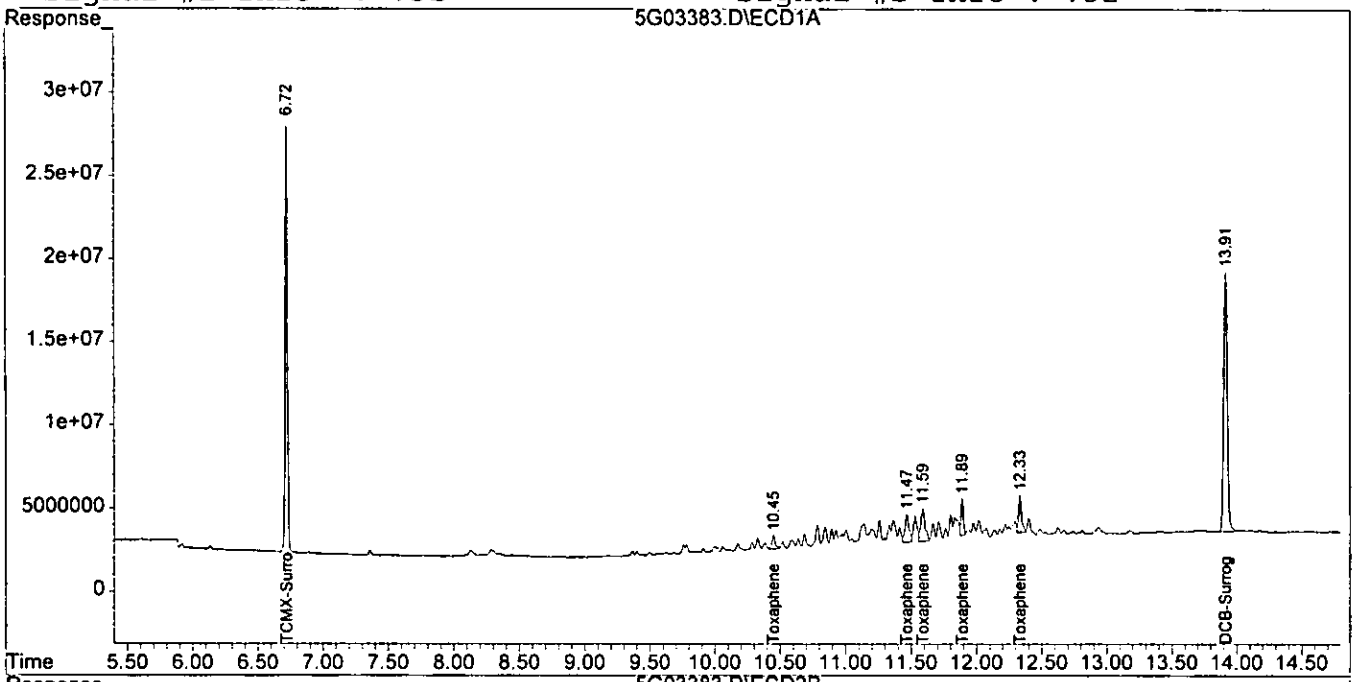
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

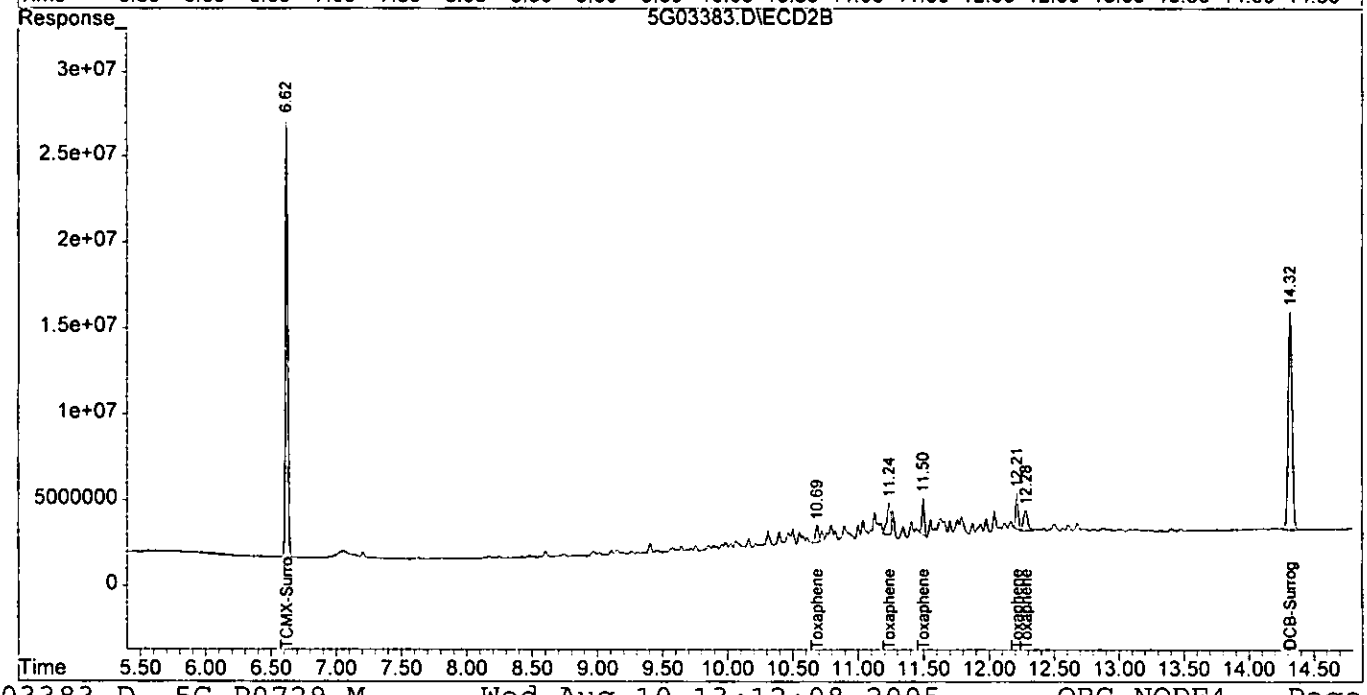
Quantitation Report

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

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

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





Form 6
Initial Calibration

Instrument: GC_3

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

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Qua	0.7346	0.7043	0.8147	0.6537	0.5988	0.5596	----	----	0.678	2.67	0.996	0.998	14	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Lin	0.5499	0.5652	0.8296	0.7324	0.7191	0.7051	----	----	0.684	3.82	0.999	1.00	16	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Lin	0.5650	0.5890	0.8240	0.7091	0.6851	0.6608	----	----	0.672	4.34	0.999	0.999	14	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Qua	1.0737	0.5944	0.5633	0.4313	0.3888	0.3428	----	----	0.566	5.23	0.992	0.998	47	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Lin	0.7322	0.6560	0.7156	0.5888	0.5625	0.5420	----	----	0.633	4.63	0.998	0.999	13	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Lin	0.9832	0.8199	0.8218	0.7147	0.6904	0.6668	----	----	0.783	5.57	0.999	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Lin	0.5371	0.5804	0.7549	0.6577	0.6458	0.6303	----	----	0.634	5.00	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	0.5962	0.5948	0.7256	0.6278	0.6095	0.5896	----	----	0.624	5.84	0.999	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	0.7041	0.6959	0.8423	0.7418	0.7315	0.7117	----	----	0.738	6.25	0.999	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	0.6772	0.6781	0.7985	0.6796	0.6521	0.6298	----	----	0.686	6.33	0.999	0.999	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Lin	0.5466	0.5003	0.6089	0.5154	0.4815	0.4471	----	----	0.517	6.22	0.997	0.999	11	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	0.6310	0.6788	0.8114	0.6925	0.6609	0.6280	----	----	0.684	6.42	0.998	0.999	9.9	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	0.5354	0.5324	0.6850	0.6038	0.5939	0.5799	----	----	0.588	6.68	0.999	1.00	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	0.4981	0.5060	0.6386	0.5558	0.5407	0.5191	----	----	0.543	6.95	0.999	1.00	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	0.5481	0.5108	0.5979	0.5157	0.5010	0.4754	----	----	0.525	7.42	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	0.6222	0.5751	0.6995	0.6050	0.5855	0.5610	----	----	0.608	7.54	0.999	1.00	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Lin	0.1732	0.2409	0.3767	0.3444	0.3617	0.3738	----	----	0.312	7.64	0.999	1.00	27	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	0.4995	0.4511	0.5802	0.4917	0.4683	0.4522	----	----	0.491	8.06	0.999	0.999	9.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	0.5093	0.4724	0.5840	0.5105	0.5011	0.4842	----	----	0.510	8.45	0.999	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Lin	0.1590	0.1453	0.2196	0.1934	0.2010	0.1877	----	----	0.184	8.38	0.998	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Lin	0.4975	0.5394	0.6913	0.6068	0.5898	0.5631	----	----	0.581	9.01	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Qua	0.9512	0.8163	0.9420	0.8166	0.7547	0.6861	----	----	0.828	10.09	0.996	0.999	13	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	0.0334	4.69	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	0.0629	6.32	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	0.110	6.39	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.00440	7.15	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.00225	7.39	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	0.00250	7.67	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	0.00249	8.02	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.00280	8.49	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Lin	2.2304	2.0572	2.1141	1.6862	1.5316	1.4568	----	----	1.85	2.73	0.997	0.998	18	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Lin	1.7843	1.8395	2.4086	2.1094	2.0507	2.0517	----	----	2.04	3.63	0.999	0.999	11	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	2.1396	1.8996	2.3296	1.9671	1.8776	1.8496	----	----	2.01	4.14	0.999	0.999	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Lin	1.4187	1.3063	1.2502	1.0301	0.9429	0.8871	----	----	1.14	4.22	0.997	0.999	19	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	2.1824	1.9596	2.1897	1.8593	1.7874	1.7752	----	----	1.96	4.58	0.999	0.999	9.6	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	1.8957	1.8736	2.4039	2.0925	2.0255	2.0050	----	----	2.05	4.71	0.999	0.999	9.4	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	2	0	Avg	2.2046	1.8915	2.2097	1.8783	1.8116	1.7878	----	----	1.96	5.02	0.999	0.999	9.8	2.00	10.00	50.00	100.0	200.0	400.0		

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. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

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

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

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.	CAL PEST@2PPB	08/03/05 11:58	2	3G08329.	CAL PEST@10PPB	08/03/05 10:33
3	3G08330.	CAL PEST@50PPB	08/03/05 10:53	4	3G08331.	CAL PEST@100PPB	08/03/05 11:09
5	3G08332.	CAL PEST@200PPB	08/03/05 11:25	6	3G08333.	CAL PEST@400PPB	08/03/05 11:42
7	3G08335.	CAL CHLOR@100PP	08/03/05 12:15	8	3G08336.	CAL TOXAPH@500P	08/03/05 12:31

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

Avg Rsd Col 1: 13.4 Avg Rsd Col 2: 11.7

Flags

c - failed the initial calibration criteria(if applicable)

Note:

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

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

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

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD1A.CH Vial: 16
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08334.D\ECD2B.CH
Acq On : 3 Aug 2005 11:58 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 4 6:37 2005 Quant Results File: 3G_P0803.RES

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

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

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

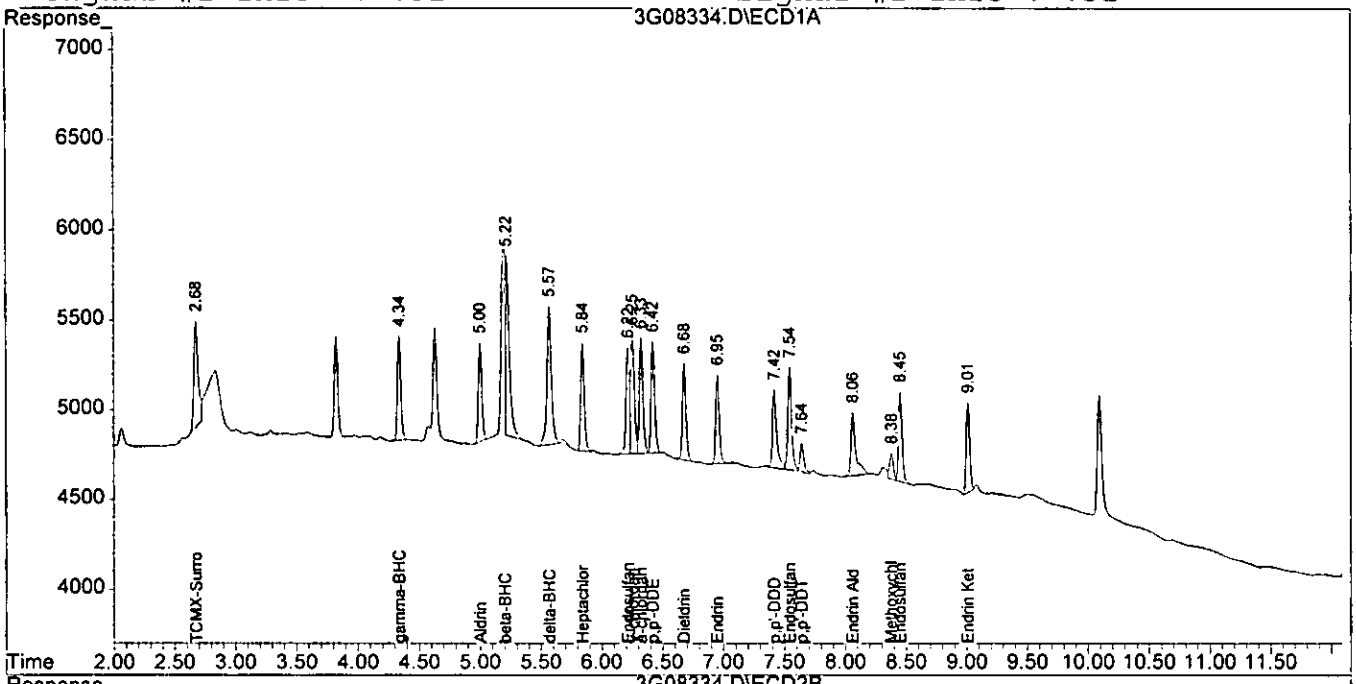
Kasei 8/10/05

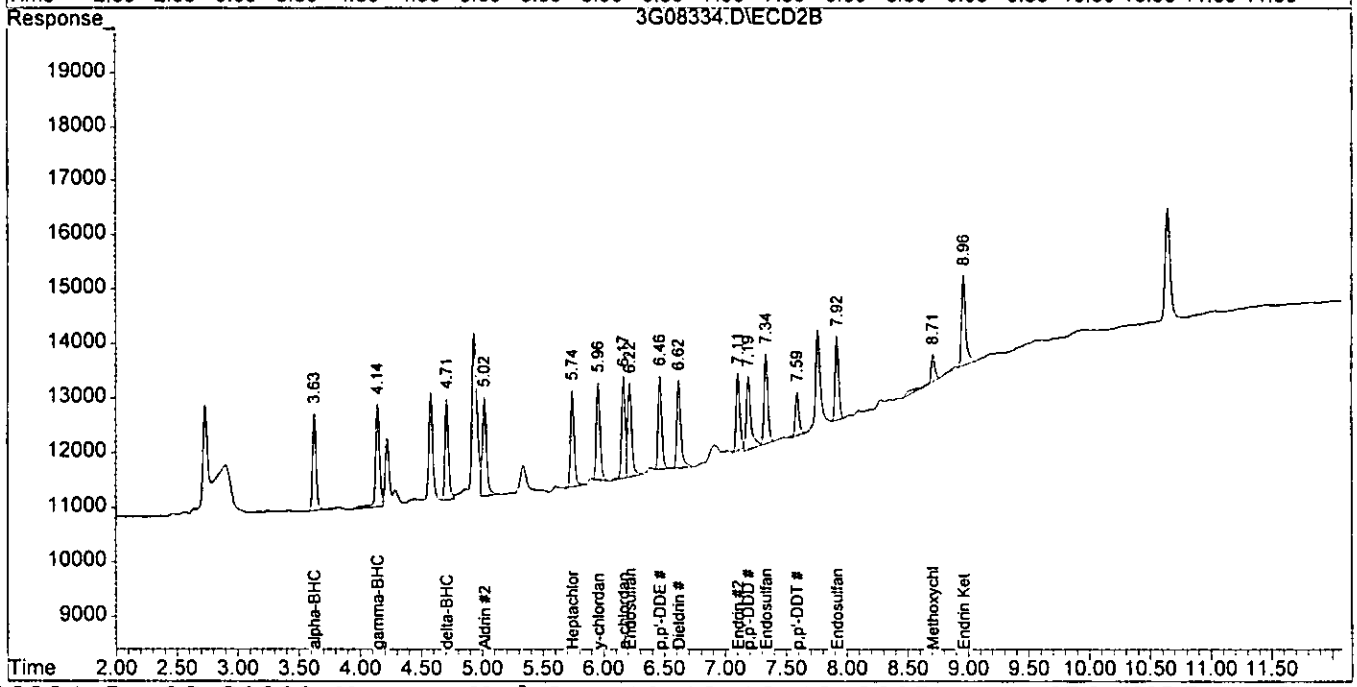
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

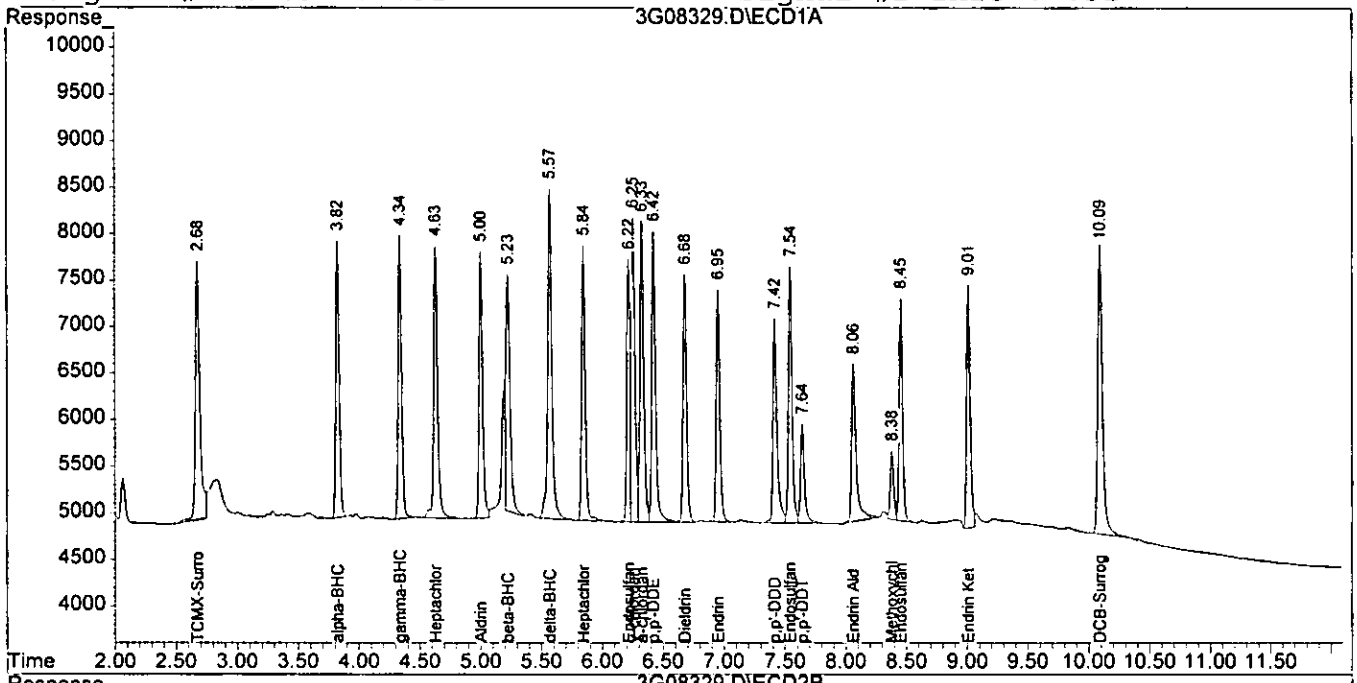
kseee 8/10/05

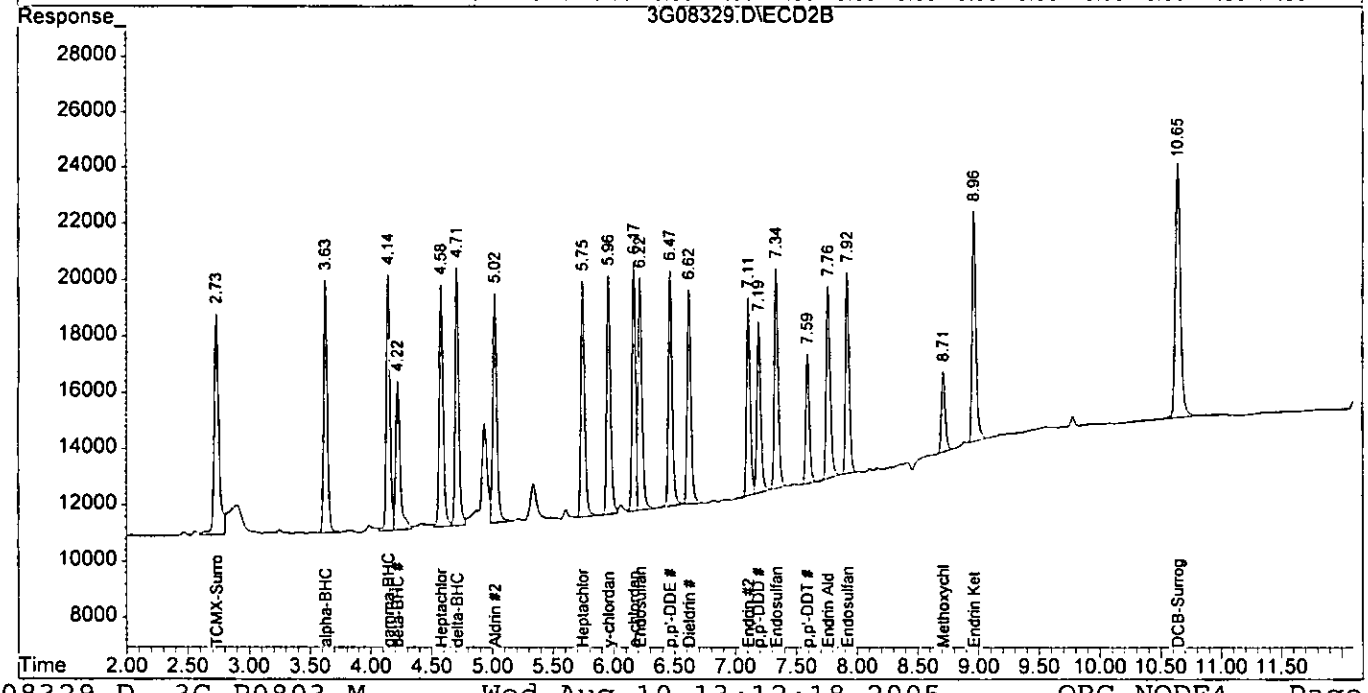
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.73	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

Kesiei 8/10/05

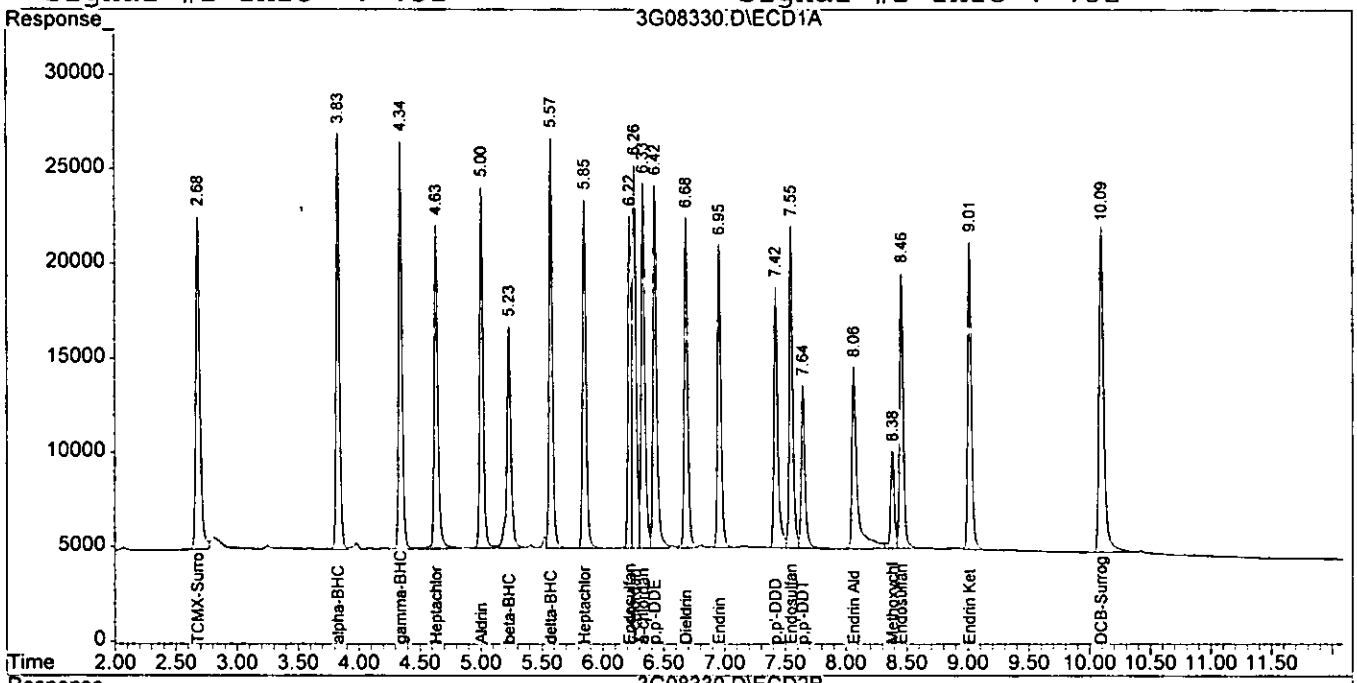
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

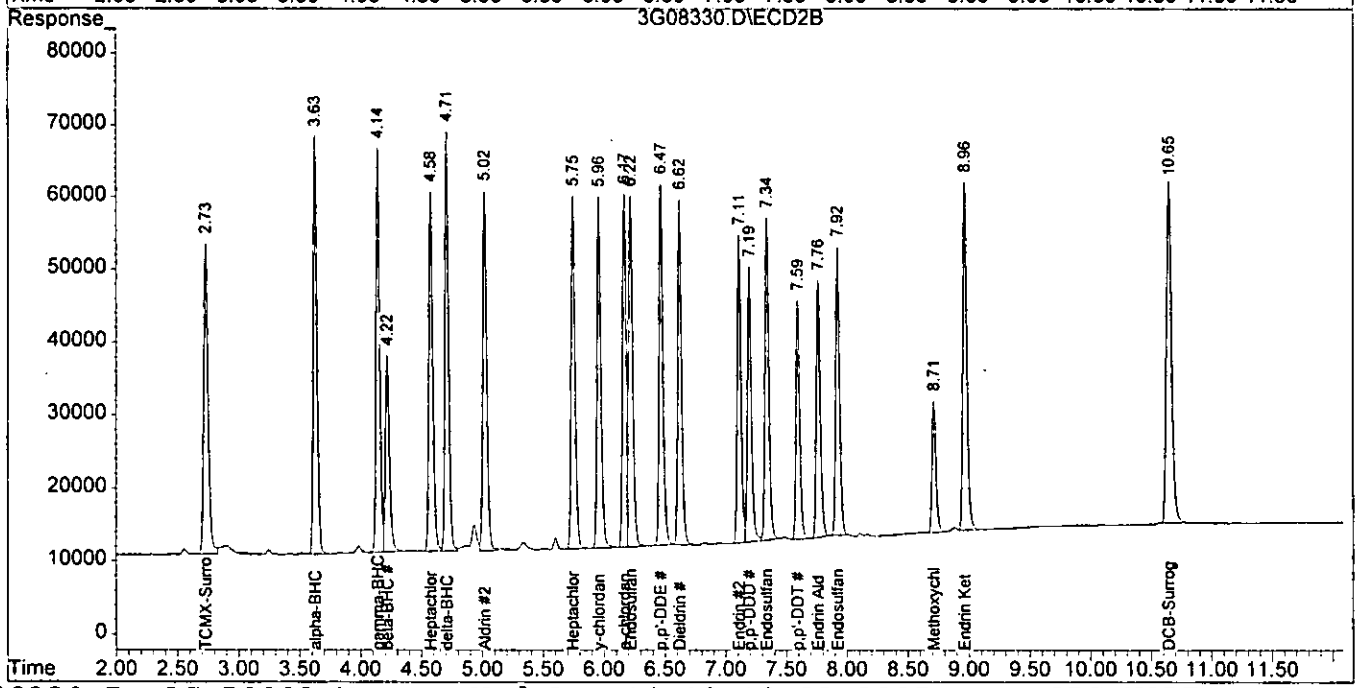
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.73	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

Kasui 8/10/05

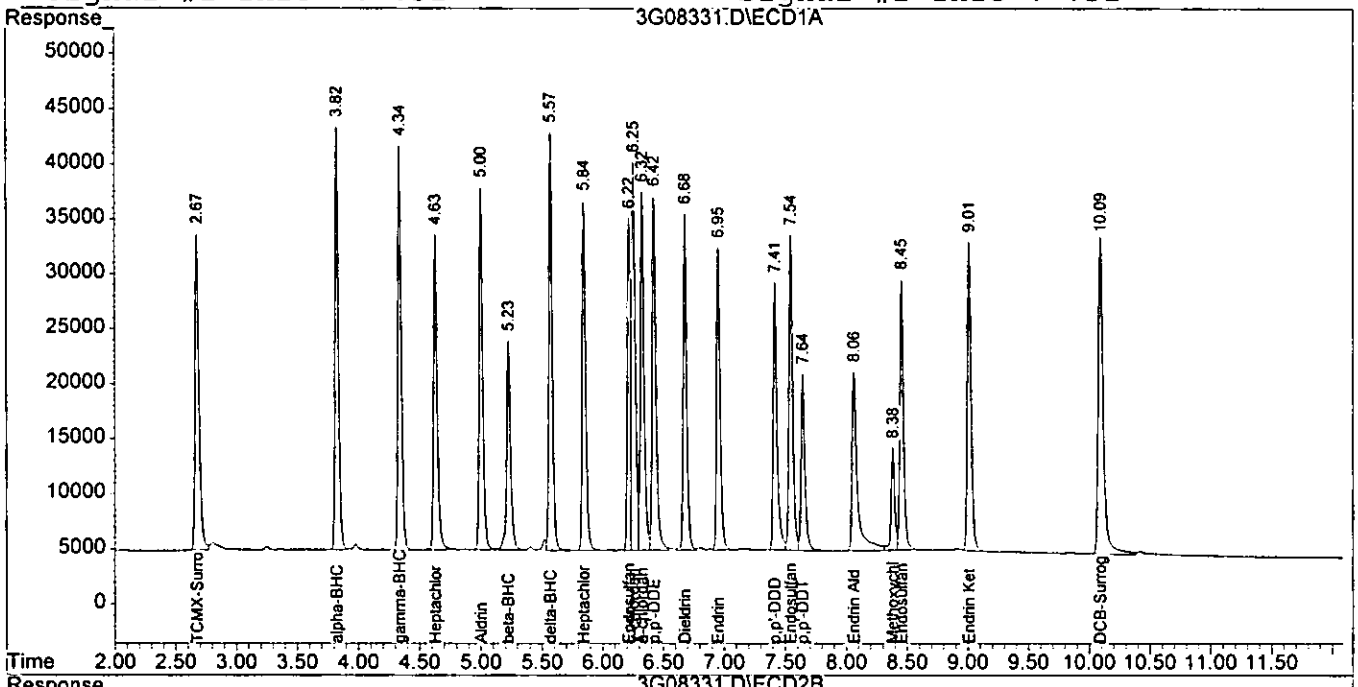
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

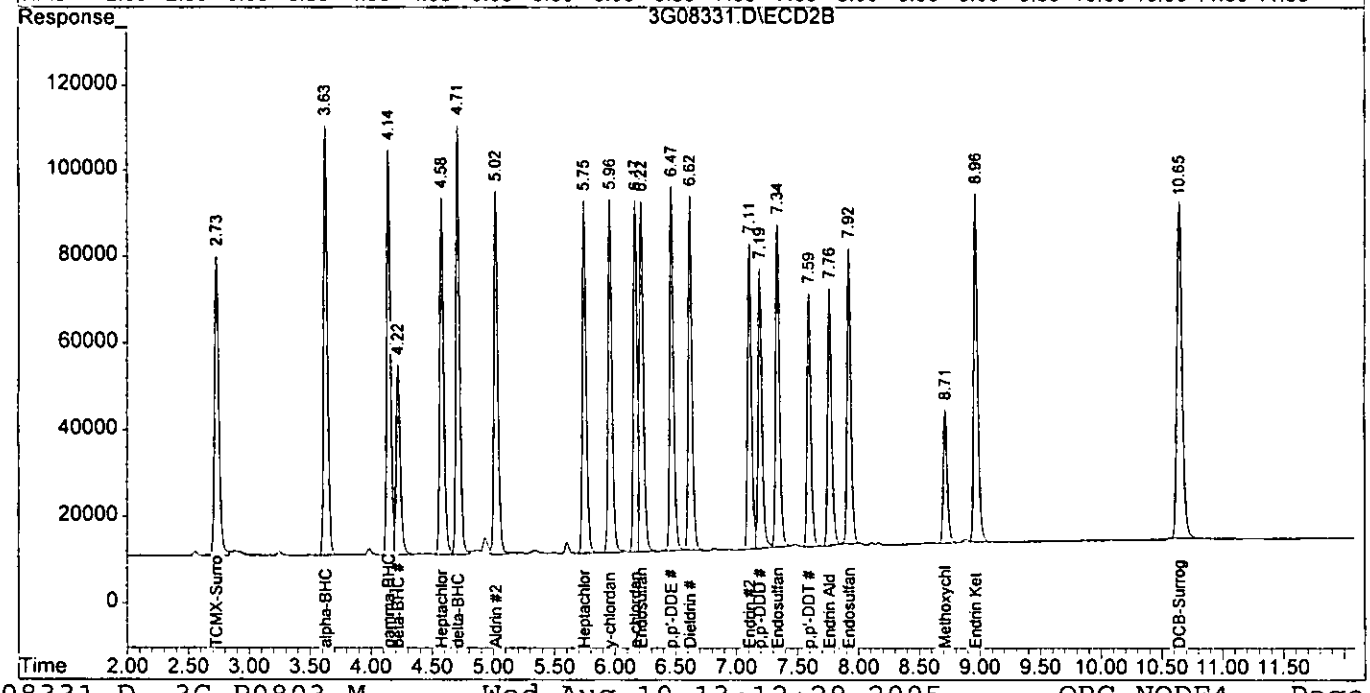
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.73	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

Kossei 8/10/05

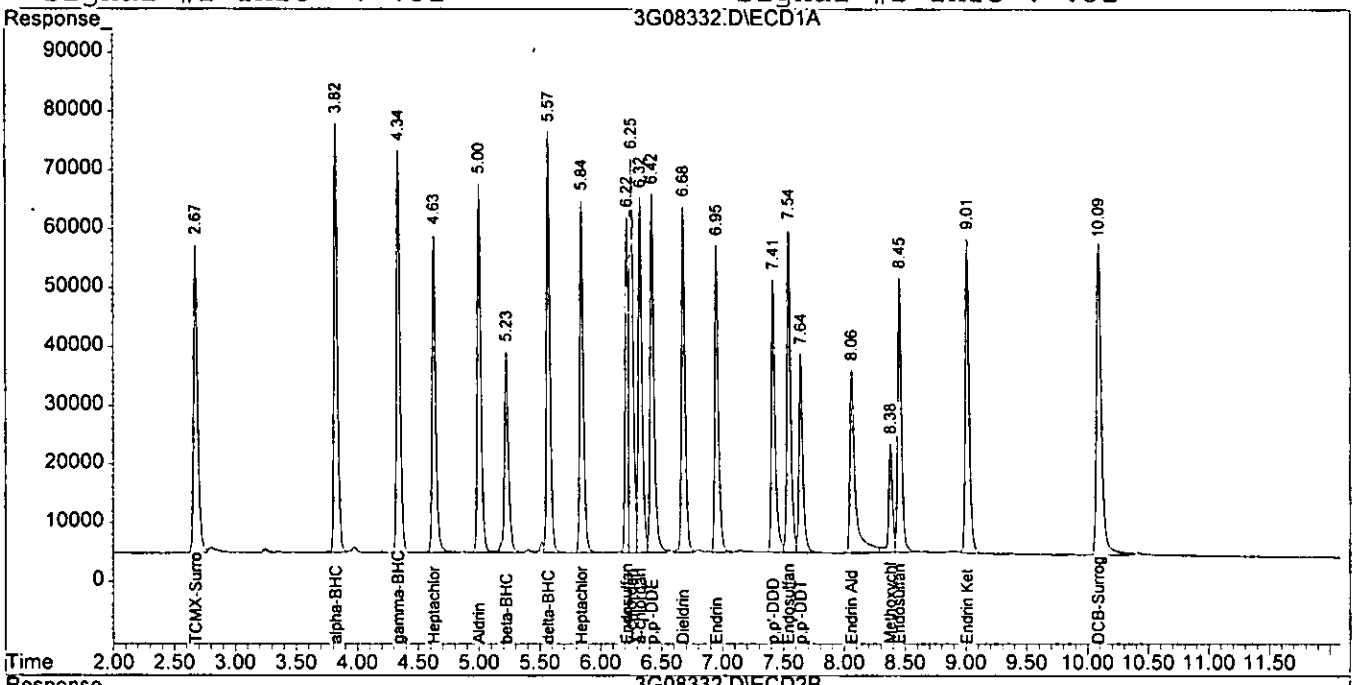
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

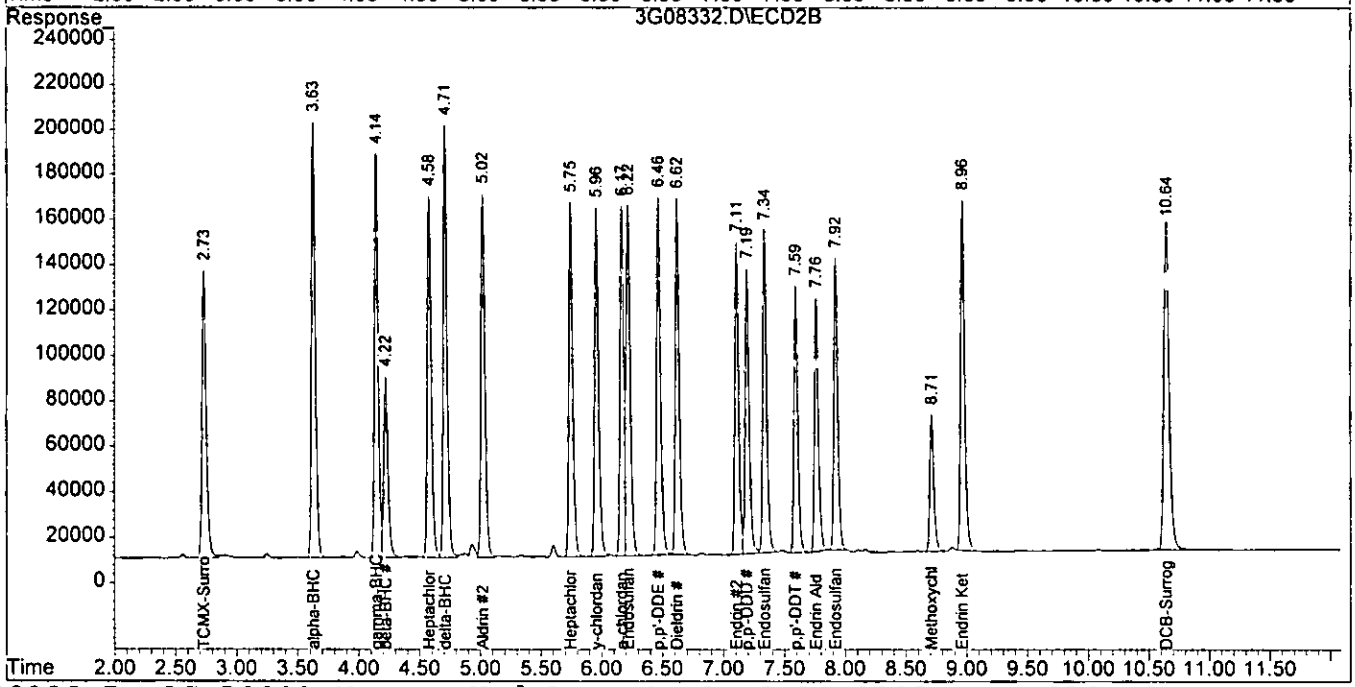
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

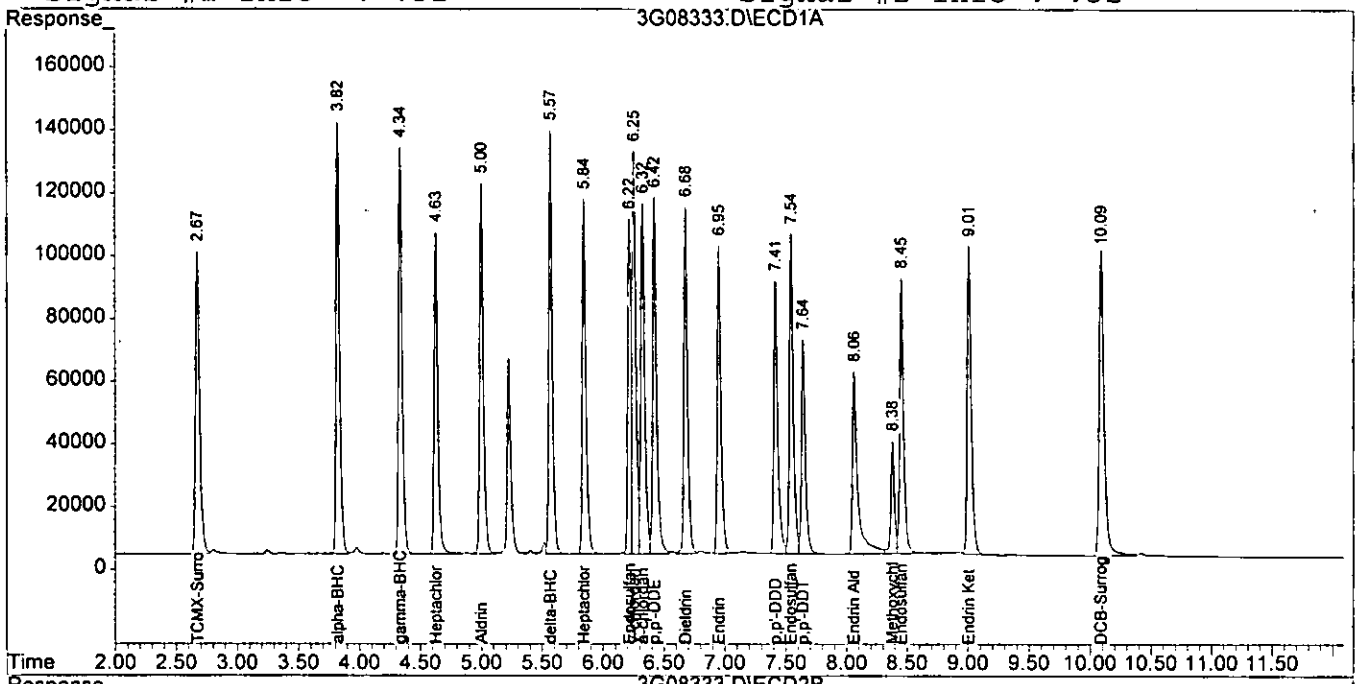
Kevin 8/10/05

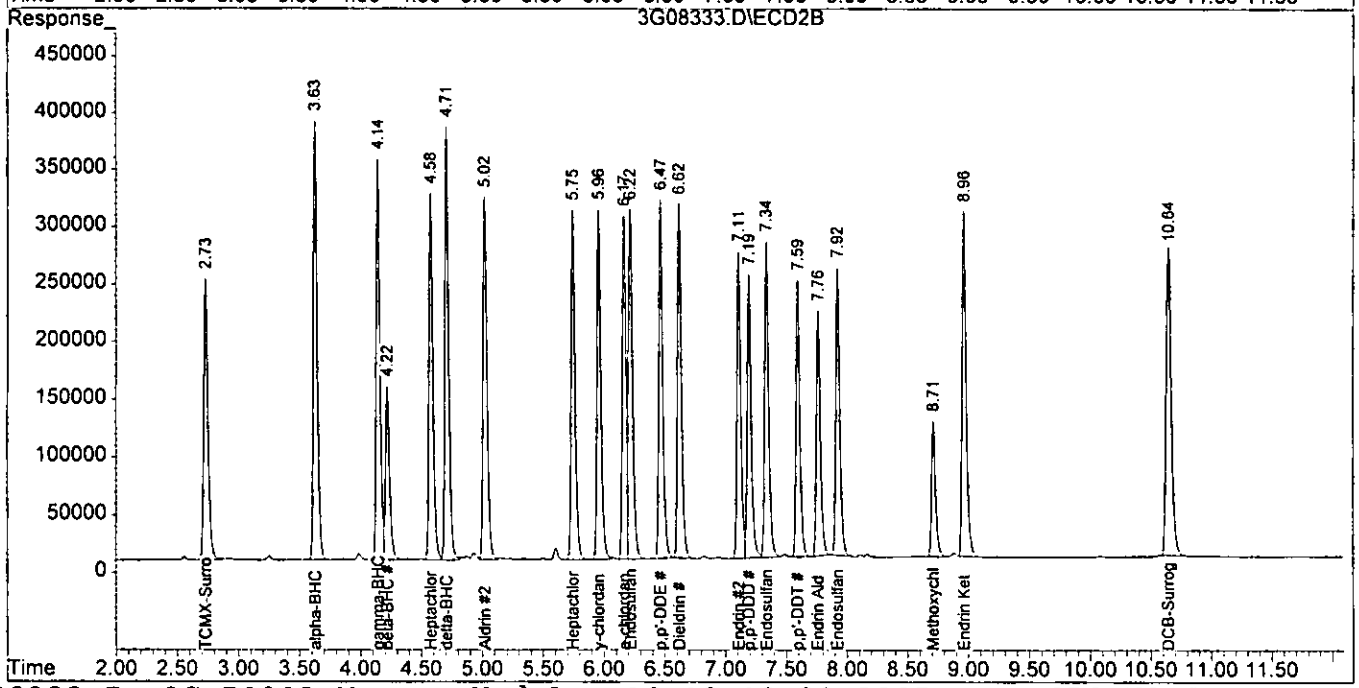
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

Kessel 8/10/05

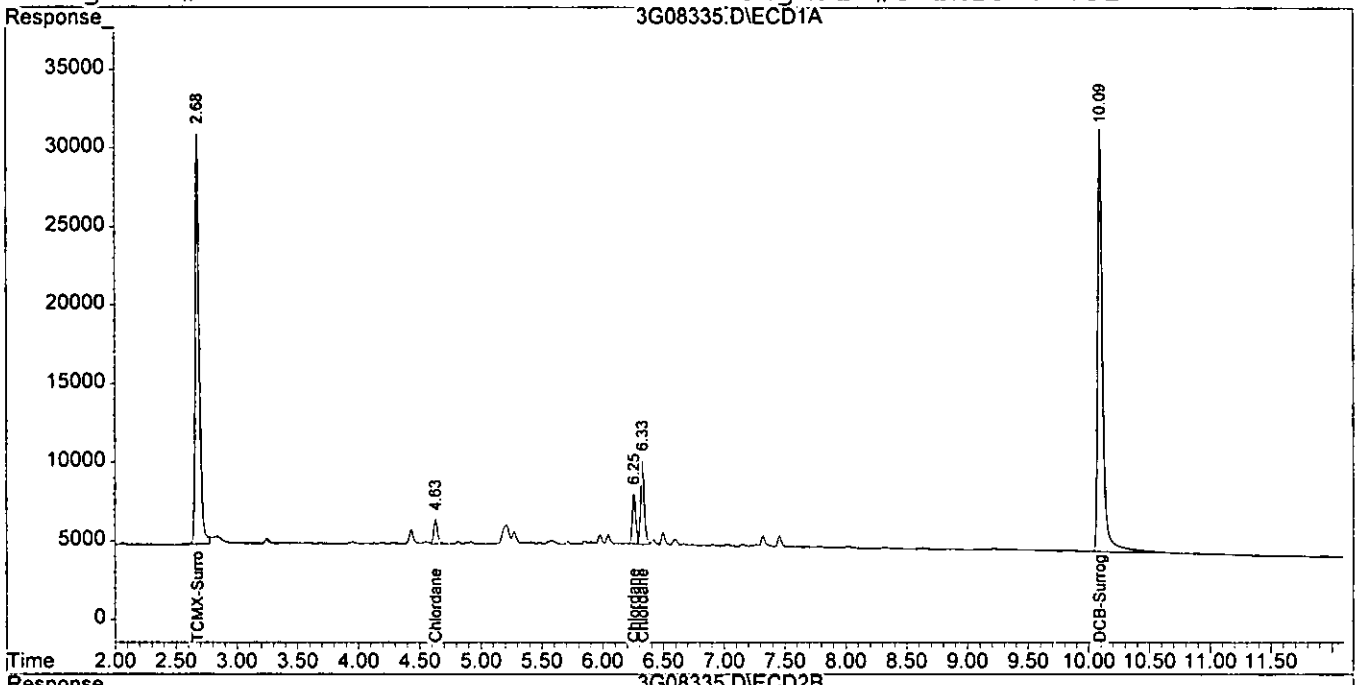
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

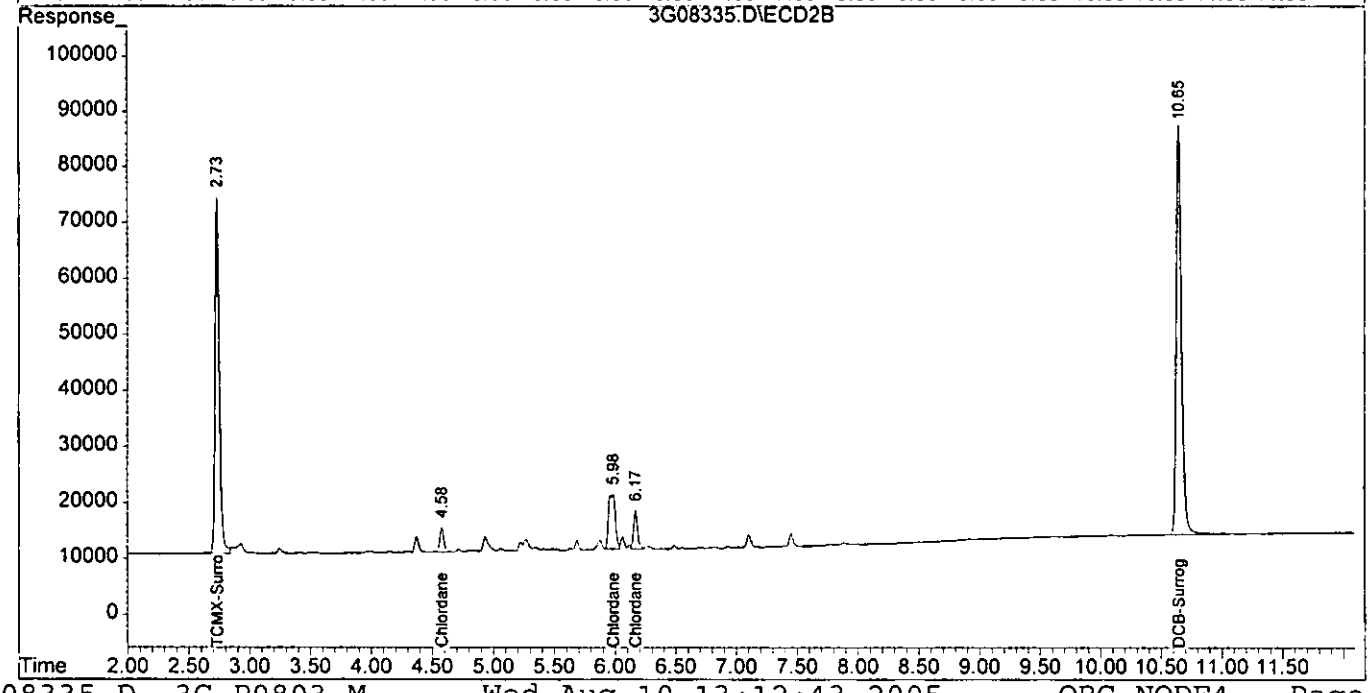
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

Kessie 8/10/05

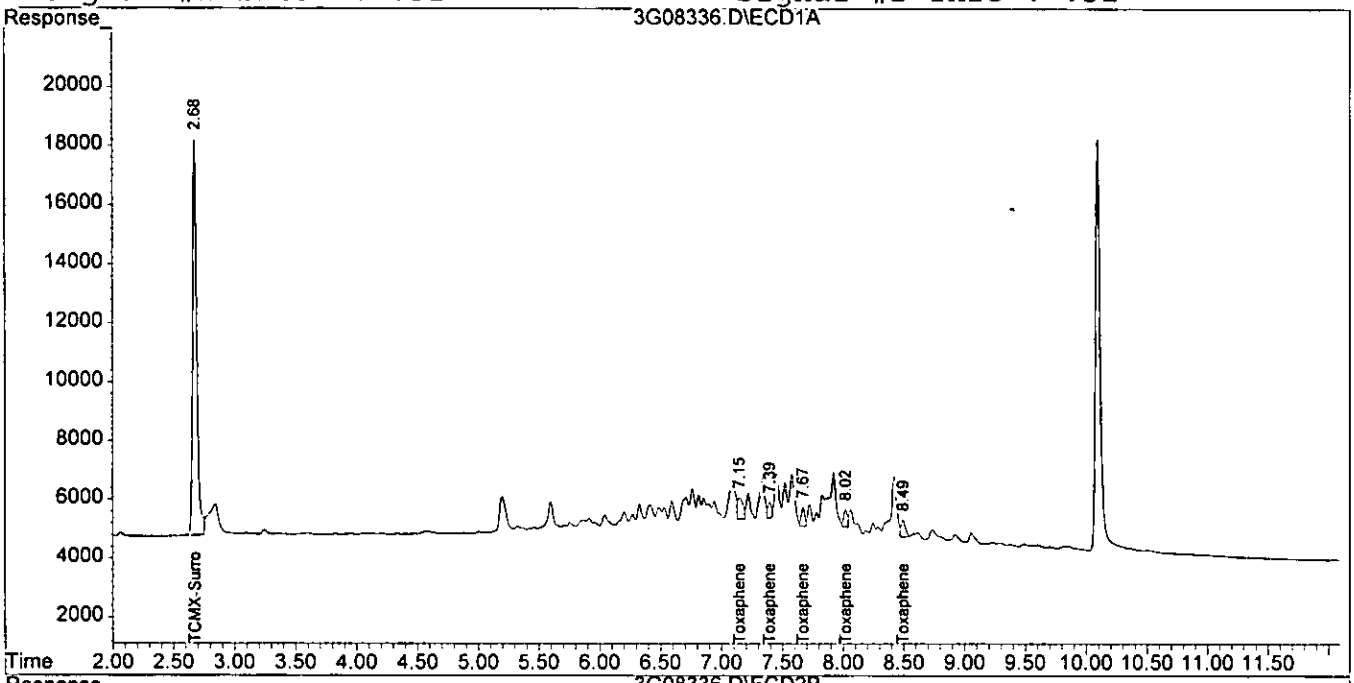
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

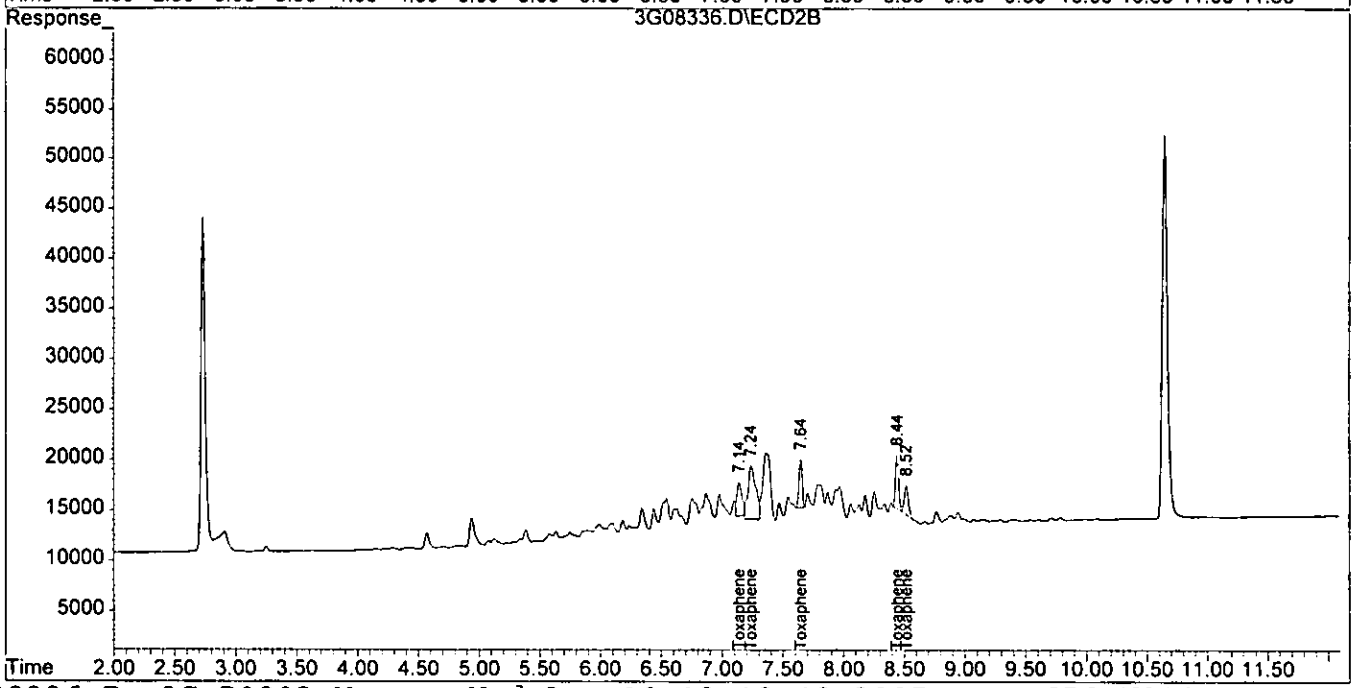
Quantitation Report

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

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





Form7
Continuing Calibration

Data File:				3G08345.D			3G08412.D			3G08430.D			3G08457.D			3G08479.D				
Method:				8081			8081			8081			8081			8081				
Calibration Name:				CAL PEST@100PP			CAL PEST@100PP			CAL PEST@200PP			CAL PEST@50PPB			CAL PEST@100PP				
Calibration Date/Time				08/03/05 15:16			08/05/05 07:56			08/05/05 13:47			08/08/05 06:08			08/08/05 13:20				
					Conc			Conc			Conc			Conc			Conc				
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff			
TCMX-Surrogate	15	1	0	104.5	100	4.5	101.4	100	1.4	216.1	200	8.0	55.94	50	11.9	99.95	100	0.1			
alpha-BHC	15	1	0	104.3	100	4.3	99.8	100	0.2	221.3	200	10.7	51.49	50	3.0	99.83	100	0.2			
gamma-BHC	15	1	0	105.9	100	5.9	99.85	100	0.2	222.7	200	11.4	52.32	50	4.6	97.92	100	2.1			
beta-BHC	15	1	0	98.33	100	1.7	113	100	13.0	208	200	4.0	54.5	50	9.0	106.4	100	6.4			
Heptachlor	15	1	0	109.7	100	9.7	102.3	100	2.3	218.6	200	9.3	53.28	50	6.6	99.3	100	0.7			
delta-BHC	15	1	0	103.4	100	3.3	98.26	100	1.7	225.7	200	12.8	46.92	50	6.2	162.5	100	62.5*			
Aldrin	15	1	0	104.4	100	4.4	96.87	100	3.1	219.1	200	9.6	51.67	50	3.3	100.8	100	0.8			
Heptachlor Epoxide	15	1	0	104.2	100	4.2	95.17	100	4.8	210.6	200	5.3	53.72	50	7.4	102.1	100	2.1			
y-chlordane	15	1	0	105.2	100	5.2	95.59	100	4.4	216.6	200	8.3	53.95	50	7.9	101.2	100	1.2			
a-chlordane	15	1	0	102.9	100	2.8	94.34	100	5.7	205.1	200	2.5	54.57	50	9.1	99.58	100	0.4			
Endosulfan I	15	1	0	109.5	100	9.5	98.96	100	1.0	219.6	200	9.8	53.6	50	7.2	106.2	100	6.2			
p,p'-DDE	15	1	0	105.0	100	5.0	95.6	100	4.4	209.5	200	4.8	54.36	50	8.7	103.7	100	3.7			
Dieldrin	15	1	0	106.9	100	6.9	94.99	100	5.0	218.5	200	9.2	49.46	50	1.1	101.1	100	1.1			
Endrin	15	1	0	106.8	100	6.8	98.66	100	1.3	221	200	10.5	46.12	50	7.8	105	100	5.0			
p,p'-DDD	15	1	0	102.5	100	2.5	89.3	100	10.7	213.4	200	6.7	45.55	50	8.9	100.5	100	0.5			
Endosulfan II	15	1	0	102.6	100	2.6	90.69	100	9.3	209	200	4.5	52.68	50	5.4	101.1	100	1.1			
p,p'-DDT	15	1	0	99.4	100	0.6	100.7	100	0.7	218.8	200	9.4	46.91	50	6.2	100.1	100	0.1			
Endrin Aldehyde	15	1	0	102	100	2.0	89.22	100	10.8	212.9	200	6.4	51.15	50	2.3	100.3	100	0.3			
Endosulfan Sulfate	15	1	0	104.7	100	4.7	95.61	100	4.4	221.2	200	10.6	50.09	50	0.2	103.1	100	3.1			
Methoxychlor	15	1	0	105.5	100	5.4	103	100	3.0	229.7	200	14.9	37.72	50	24.6*	106.5	100	6.5			
Endrin Ketone	15	1	0	107.2	100	7.2	91.97	100	8.0	226.2	200	13.1	47.65	50	4.7	106.2	100	6.2			
DCB-Surrogate	15	1	0	101.9	100	1.9	91.13	100	8.9	211.6	200	5.8	48.52	50	3.0	101.1	100	1.1			
Average Difference	15	1	0			4.6			4.7			8.5			6.8			5.1			
TCMX-Surrogate	15	2	0	109.4	100	9.4	96.55	100	3.4	213.6	200	6.8	53.72	50	7.4	103.2	100	3.2			
alpha-BHC	15	2	0	103.6	100	3.6	89.56	100	10.4	209.3	200	4.6	48.48	50	3.0	97.43	100	2.6			
gamma-BHC	15	2	0	100.1	100	0.1	86.88	100	13.1	195.1	200	2.4	49.32	50	1.4	96.09	100	3.9			
beta-BHC	15	2	0	108.9	100	8.9	90.88	100	9.1	212.6	200	6.3	51.28	50	2.6	107.4	100	7.4			
Heptachlor	15	2	0	98.95	100	1.1	85.57	100	14.4	191.4	200	4.3	43.63	50	12.7	90.84	100	9.2			
delta-BHC	15	2	0	104.0	100	4.0	86.56	100	13.4	205.9	200	2.9	48.47	50	3.1	100.6	100	0.6			
Aldrin	15	2	0	97.9	100	2.1	84.16	100	15.8*	188.8	200	5.6	50	50	0.0	94.9	100	5.1			
Heptachlor Epoxide	15	2	0	101.1	100	1.1	83.83	100	16.2*	190.9	200	4.6	50.17	50	0.3	96.28	100	3.7			
y-chlordane	15	2	0	100.4	100	0.4	82.96	100	17.0*	190.5	200	4.8	50.53	50	1.1	96.07	100	3.9			
a-chlordane	15	2	0	107.4	100	7.4	91.59	100	8.4	207.0	200	3.5	51.24	50	2.5	101.5	100	1.5			
Endosulfan I	15	2	0	101.4	100	1.4	84.33	100	15.7*	195.2	200	2.4	50.23	50	0.5	97.19	100	2.8			
p,p'-DDE	15	2	0	102.3	100	2.3	82.69	100	17.3*	196.5	200	1.7	49.95	50	0.1	98.89	100	1.1			
Dieldrin	15	2	0	102.1	100	2.1	82.57	100	17.4*	199.4	200	0.3	46.04	50	7.9	98.18	100	1.8			
Endrin	15	2	0	103.3	100	3.3	86.46	100	13.5	206.4	200	3.2	42.27	50	15.5	101.6	100	1.6			
p,p'-DDD	15	2	0	104.2	100	4.2	81.58	100	18.4*	211.7	200	5.8	40.65	50	18.7*	101.1	100	1.1			
Endosulfan II	15	2	0	100.7	100	0.7	81.33	100	18.7*	193.6	200	3.2	50.73	50	1.5	98.25	100	1.8			
p,p'-DDT	15	2	0	102.2	100	2.2	87.21	100	12.8	216.7	200	8.3	39.22	50	21.6*	104.1	100	4.1			
Endrin Aldehyde	15	2	0	105.1	100	5.1	95.55	100	4.4	210.8	200	5.4	48.34	50	3.3	107.3	100	7.3			
Endosulfan Sulfate	15	2	0	101.2	100	1.2	81.11	100	18.9*	201.1	200	0.5	47.26	50	5.5	101.9	100	1.9			
Methoxychlor	15	2	0	105.9	100	5.9	87.74	100	12.3	219.3	200	9.6	32.75	50	34.5*	108.5	100	8.5			
Endrin Ketone	15	2	0	102.4	100	2.4	81.16	100	18.8*	195.3	200	2.4	48.72	50	2.6	100.1	100	0.1			
DCB-Surrogate	15	2	0	102.0	100	2.0	81.62	100	18.4*	181.9	200	9.1	50.5	50	1.0	97.89	100	2.1			
Average Difference	15	2	0			3.2			14.0			4.5			6.7			3.4			

Flags/Notes: **** - Values outside of limits for this column/run*** ***Columns: Col1 db-1701 : Col2 db-17***

Form7
Continuing Calibration

Data File:				5G03398.D			5G03419.D										
Method:				8081			8081										
Calibration Name:				CAL PEST@50PPB			CAL PEST@100PP										
Calibration Date/Time				08/03/05 06:28			08/03/05 13:29										
				Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	46.73	50	6.5	122.2	100	22.2*									
alpha-BHC	15	1	0	43.36	50	13.3	125.8	100	25.8*									
gamma-BHC	15	1	0	45.03	50	9.9	123.4	100	23.4*									
beta-BHC	15	1	0	44.65	50	10.7	117.5	100	17.5*									
Heptachlor	15	1	0	47.79	50	4.4	111.1	100	11.1									
delta-BHC	15	1	0	45.87	50	8.3	129.9	100	29.9*									
Aldrin	15	1	0	44.87	50	10.3	126.1	100	26.1*									
Heptachlor Epoxide	15	1	0	46.03	50	7.9	119.9	100	19.8*									
y-chlordane	15	1	0	45.52	50	9.0	122.1	100	22.1*									
a-chlordane	15	1	0	45.53	50	8.9	117.9	100	17.9*									
Endosulfan I	15	1	0	46.82	50	6.4	124.0	100	24.0*									
p,p'-DDE	15	1	0	43.69	50	12.6	116.3	100	16.3*									
Dieldrin	15	1	0	46.97	50	6.1	110.9	100	10.9									
Endrin	15	1	0	51.26	50	2.5	127.7	100	27.7*									
p,p'-DDD	15	1	0	48.05	50	3.9	112.4	100	12.4									
Endosulfan II	15	1	0	46.5	50	7.0	118	100	18.0*									
p,p'-DDT	15	1	0	46.73	50	6.5	117.2	100	17.2*									
Endrin Aldehyde	15	1	0	45.58	50	8.8	113.1	100	13.1									
Endosulfan Sulfate	15	1	0	45.04	50	9.9	110.3	100	10.3									
Methoxychlor	15	1	0	53.85	50	7.7	113.5	100	13.5									
Endrin Ketone	15	1	0	49.35	50	1.3	113	100	13.0									
DCB-Surrogate	15	1	0	47.9	50	4.2	111.4	100	11.4									
Average Difference	15	1	0			7.6			18.3*									
TCMX-Surrogate	15	2	0	46.95	50	6.1	101.4	100	1.4									
alpha-BHC	15	2	0	44.68	50	10.6	105.1	100	5.1									
gamma-BHC	15	2	0	44.41	50	11.2	106.4	100	6.4									
beta-BHC	15	2	0	44	50	12.0	99.17	100	0.8									
Heptachlor	15	2	0	47.28	50	5.4	98.42	100	1.6									
delta-BHC	15	2	0	45.14	50	9.7	106.3	100	6.3									
Aldrin	15	2	0	47.71	50	4.6	108	100	7.9									
Heptachlor Epoxide	15	2	0	44.99	50	10.0	113.6	100	13.6									
y-chlordane	15	2	0	47.92	50	4.2	106.1	100	6.1									
a-chlordane	15	2	0	48.48	50	3.0	104.9	100	4.9									
Endosulfan I	15	2	0	48.84	50	2.3	108.6	100	8.6									
p,p'-DDE	15	2	0	49.01	50	2.0	107.2	100	7.2									
Dieldrin	15	2	0	46.91	50	6.2	126.6	100	26.6*									
Endrin	15	2	0	50.74	50	1.5	145.6	100	45.6*									
p,p'-DDD	15	2	0	47.61	50	4.8	114.4	100	14.4									
Endosulfan II	15	2	0	47.41	50	5.2	110	100	10.0									
p,p'-DDT	15	2	0	52.24	50	4.5	106.8	100	6.8									
Endrin Aldehyde	15	2	0	46.71	50	6.6	120.0	100	20.0*									
Endosulfan Sulfate	15	2	0	47.86	50	4.3	117.8	100	17.8*									
Methoxychlor	15	2	0	51.97	50	3.9	117.9	100	17.9*									
Endrin Ketone	15	2	0	47.87	50	4.3	121.5	100	21.5*									
DCB-Surrogate	15	2	0	47.69	50	4.6	96.4	100	3.6									
Average Difference	15	2	0			5.8			11.5									

Flags/Notes: ** - Values outside of limits for this column/run* *Columns: Col1 db-1701 : Col2 db-17*

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-0305\3G08345.D\ECD1A.CH Vial: 18
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-0305\3G08345.D\ECD2B.CH
Acq On : 3 Aug 2005 15:16 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_3
Misc : A,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 15:27 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 : 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	676812	1729195	104.481	109.427
2)	alpha-BHC	3.82	3.63	752587	2163100	104.314	103.620
3)	gamma-BHC	4.34	4.14	728496	2012563	105.884	100.100
4)	beta-BHC	5.23	4.22	428226	1049795	98.331	108.874
5)	Heptachlor	4.63	4.58	627361	1938480	109.719	98.953
6)	delta-BHC	5.57	4.71	722855	2131915	103.350	104.026
7)	Aldrin	5.00	5.02	677736	1922700	104.430	97.899
8)	Heptachlor Epoxi	5.84	5.75	649861	1848641	104.150	101.079
9)	y-chlordane	6.25	5.96	776412	1868460	105.214	100.439
10)	a-chlordane	6.32	6.17	705453	1701614	102.849	107.387
11)	Endosulfan I	6.22	6.22	527965	1979285	109.538	101.426
12)	p,p'-DDE	6.42	6.47	718309	1861816	105.044	102.262
13)	Dieldrin	6.68	6.62	629026	1810461	106.898	102.054
14)	Endrin	6.95	7.11	580049	1579422	106.800	103.311
15)	p,p'-DDD	7.41	7.19	537758	1488539	102.460	104.199
16)	Endosulfan II	7.54	7.34	623597	1715486	102.553	100.707
17)	p,p'-DDT	7.64	7.59	359756	1307560	99.397	102.155
18)	Endrin Aldehyde	8.06	7.76	500335	1353205	101.994	105.118
19)	Endosulfan Sulfa	8.45	7.92	534111	1537232	104.667	101.199
20)	Methoxychlor	8.38	8.71	204976	732105	105.445	105.901
21)	Endrin Ketone	9.01	8.97	630353	1919731	107.217	102.356
22)	DCB-Surrogate	10.09	10.65	843576	2513353	101.896	102.033

09/25/05

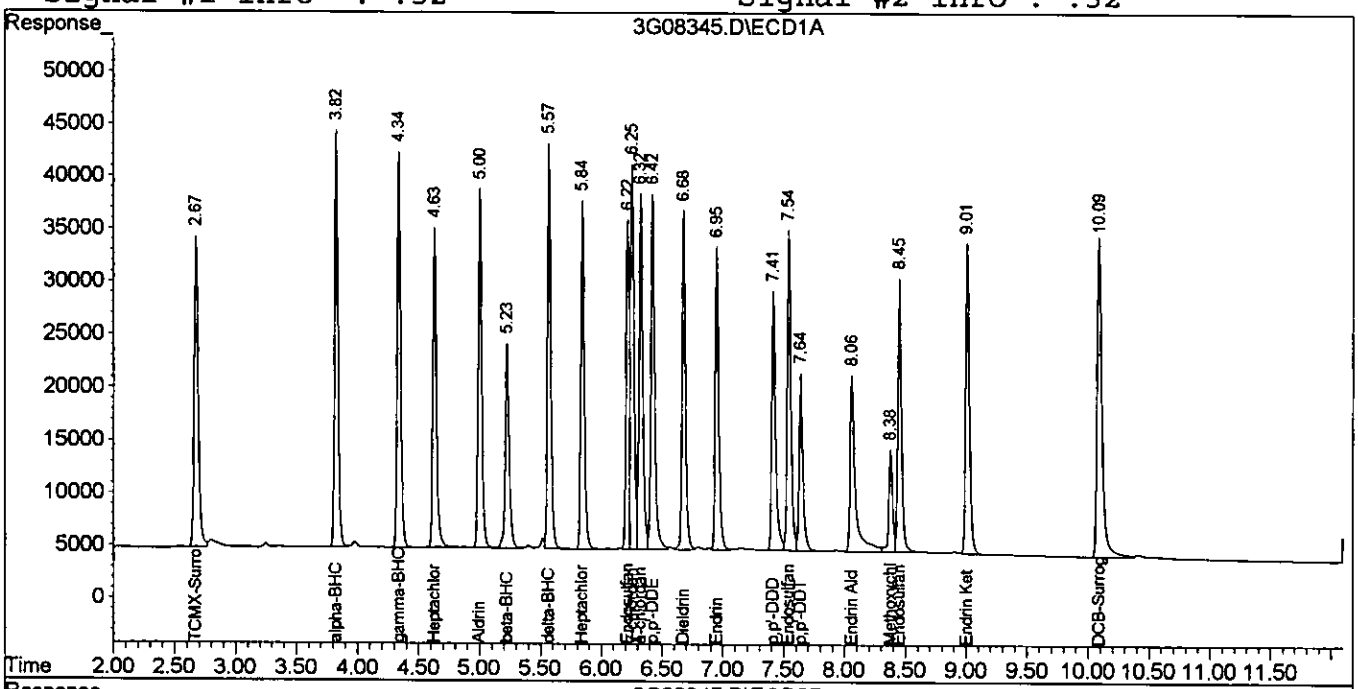
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

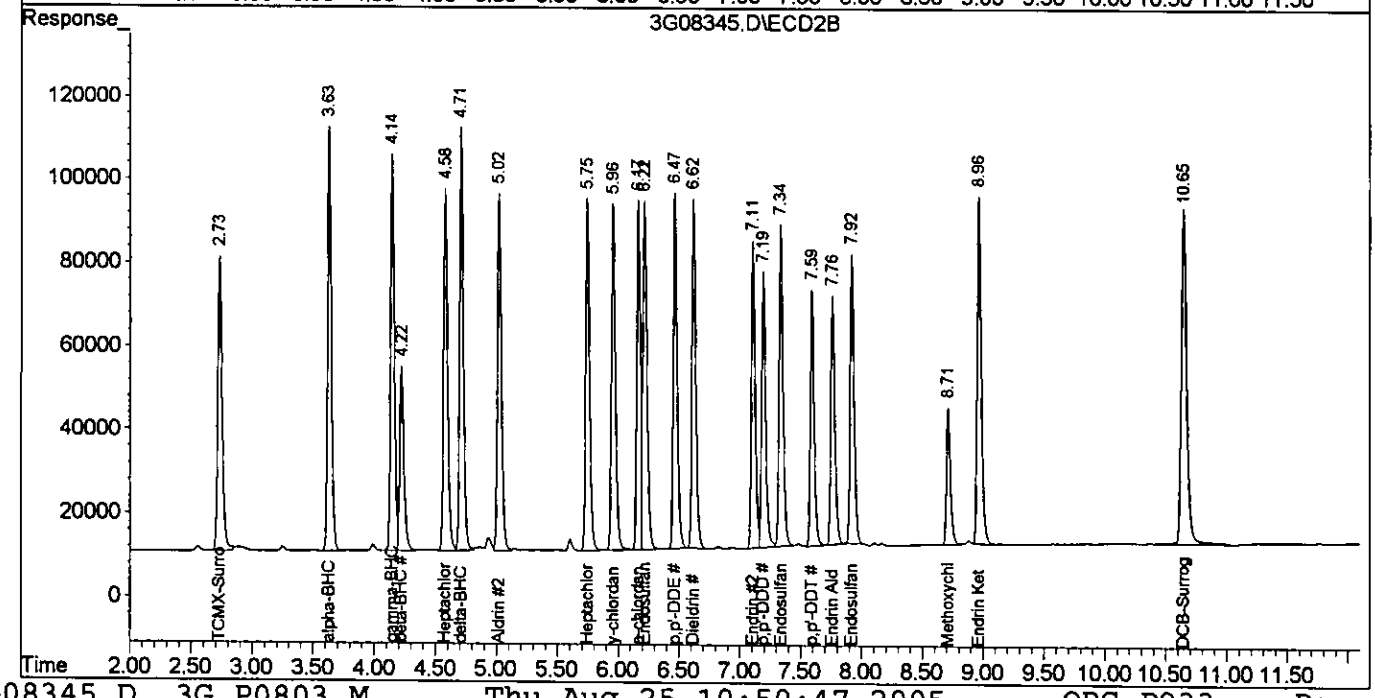
Quantitation Report

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-0305\3G08345.D\ECD1A.CH Vial:
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-0305\3G08345.D\ECD2B.CH
Acq On : 3 Aug 2005 15:16 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_3
Misc : A,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 15:27 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





Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-05-05\3G08412.D\ECD1A.CH Vial: 52
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-05-05\3G08412.D\ECD2B.CH
Acq On : 5 Aug 2005 7:56 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_3
Misc : A,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 9:14 2005 Quant Results File: 3G_P0803.RES

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

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

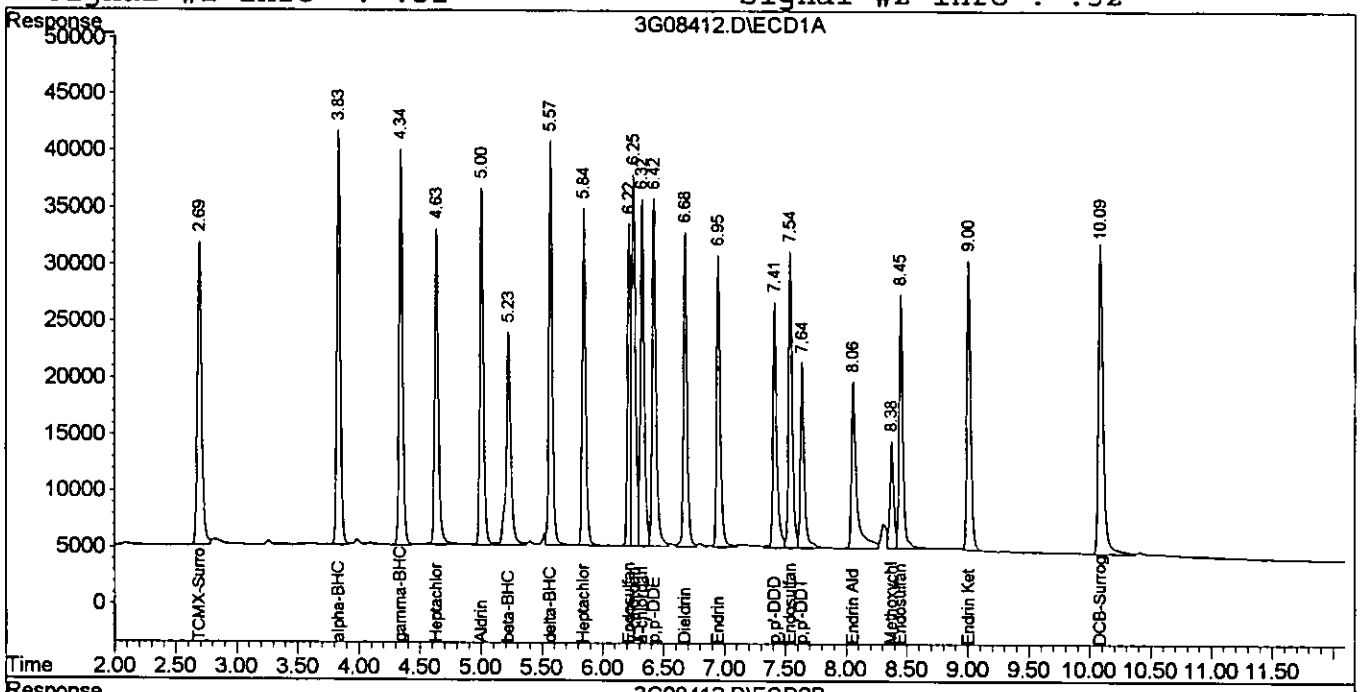
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.75	658607	1544903	101.438	96.551
2)	alpha-BHC	3.83	3.64	720831	1876169	99.803	89.563
3)	gamma-BHC	4.34	4.15	688807	1746676	99.855	86.875
4)	beta-BHC	5.23	4.23	483844	892676	112.999	90.884
5)	Heptachlor	4.63	4.58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

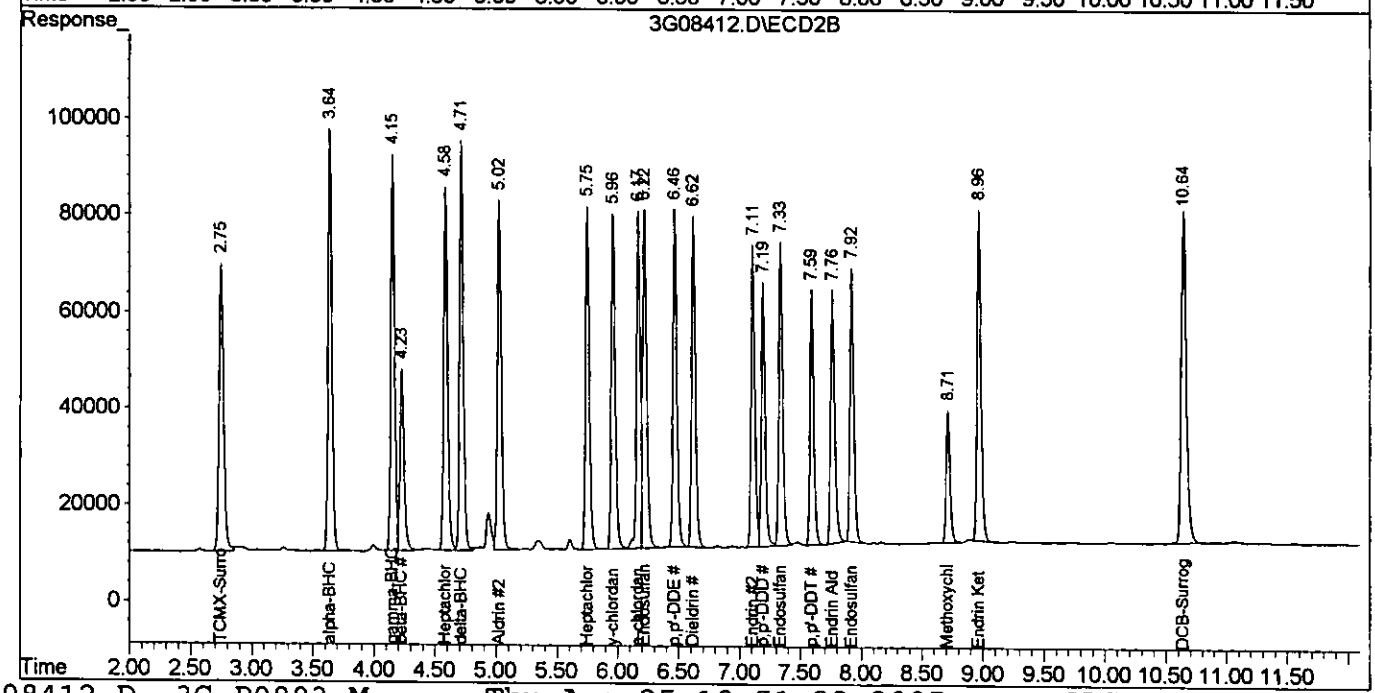
08/25/05

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-05-05\3G08412.D\ECD1A.CH Vial: 52
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-05-05\3G08412.D\ECD2B.CH
Acq On : 5 Aug 2005 7:56 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_3
Misc : A,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 9:14 2005 Quant Results File: 3G_P0803.RES

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





Quantitation Report (QT Reviewed)

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

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

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

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

08/2/17

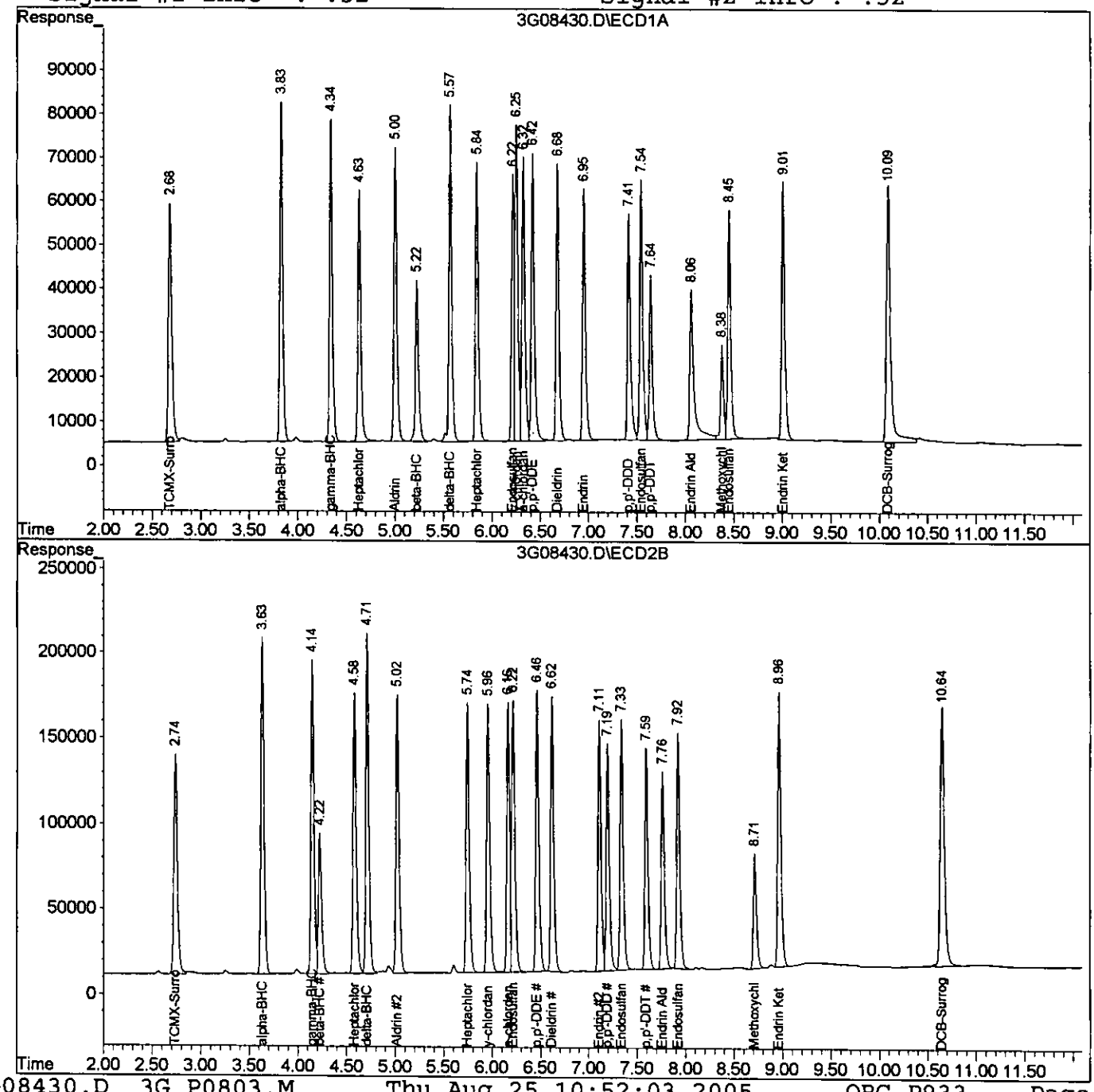
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

Quant Method : G:\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



Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-08-05\3G08457.D\ECD1A.CH Vial: 52
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-08-05\3G08457.D\ECD2B.CH
Acq On : 8 Aug 2005 6:08 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 12:21 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 : Initial Calibration
DataAcq Meth : 3G_808R.M

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

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

08/25/05

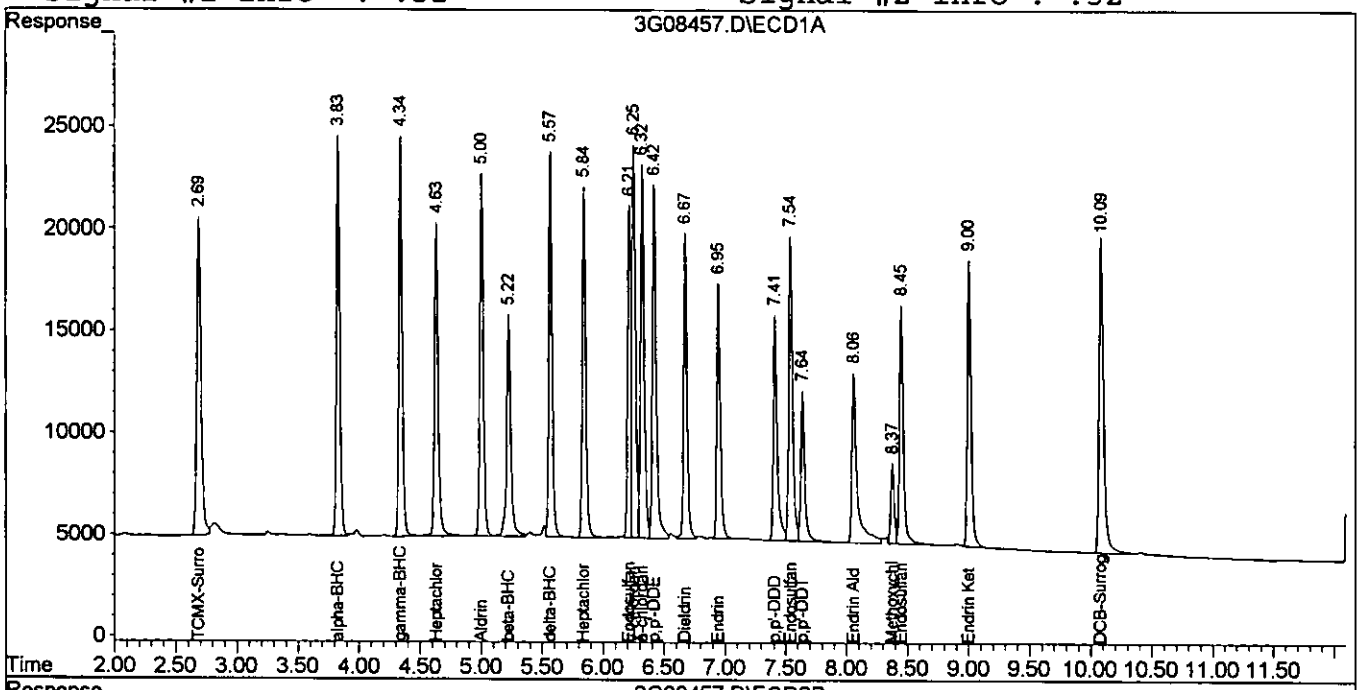
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

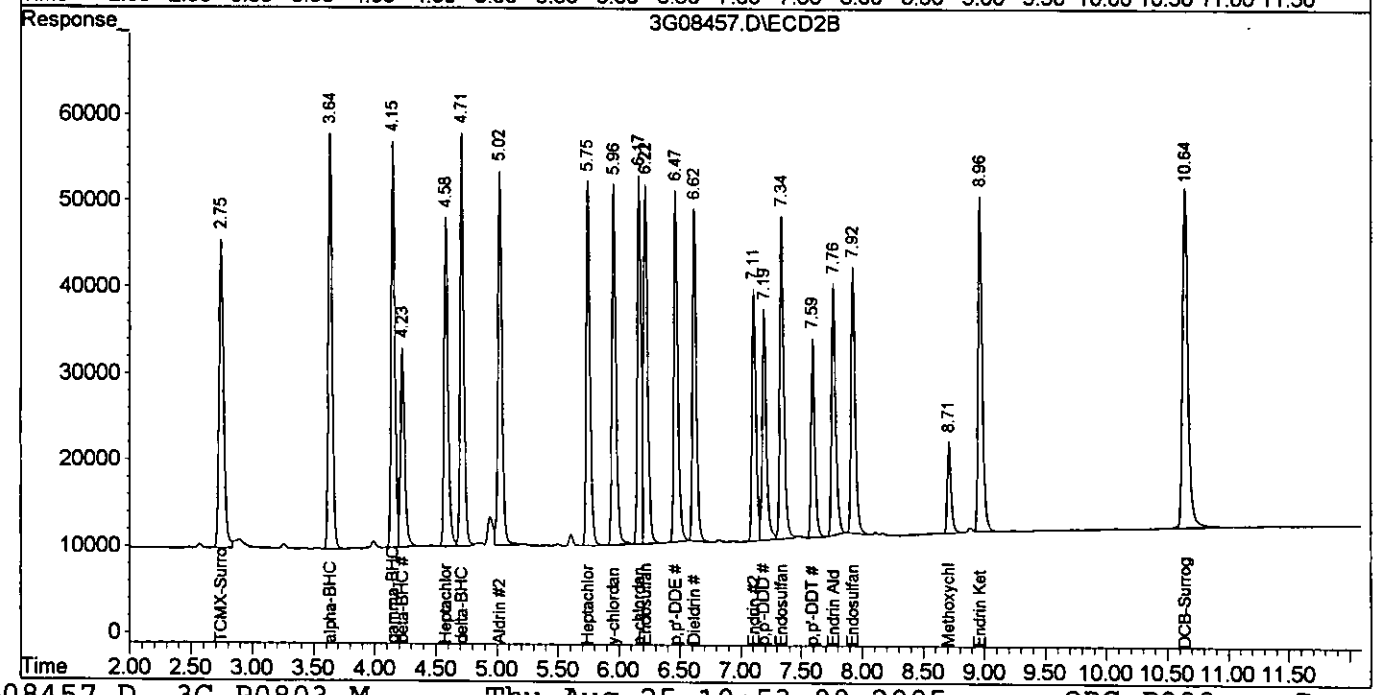
Quantitation Report

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-08-05\3G08457.D\ECD1A.CH Vial:
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-08-05\3G08457.D\ECD2B.CH
Acq On : 8 Aug 2005 6:08 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 12:21 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





Quantitation Report (QT Reviewed)

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

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

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

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

09/27/07

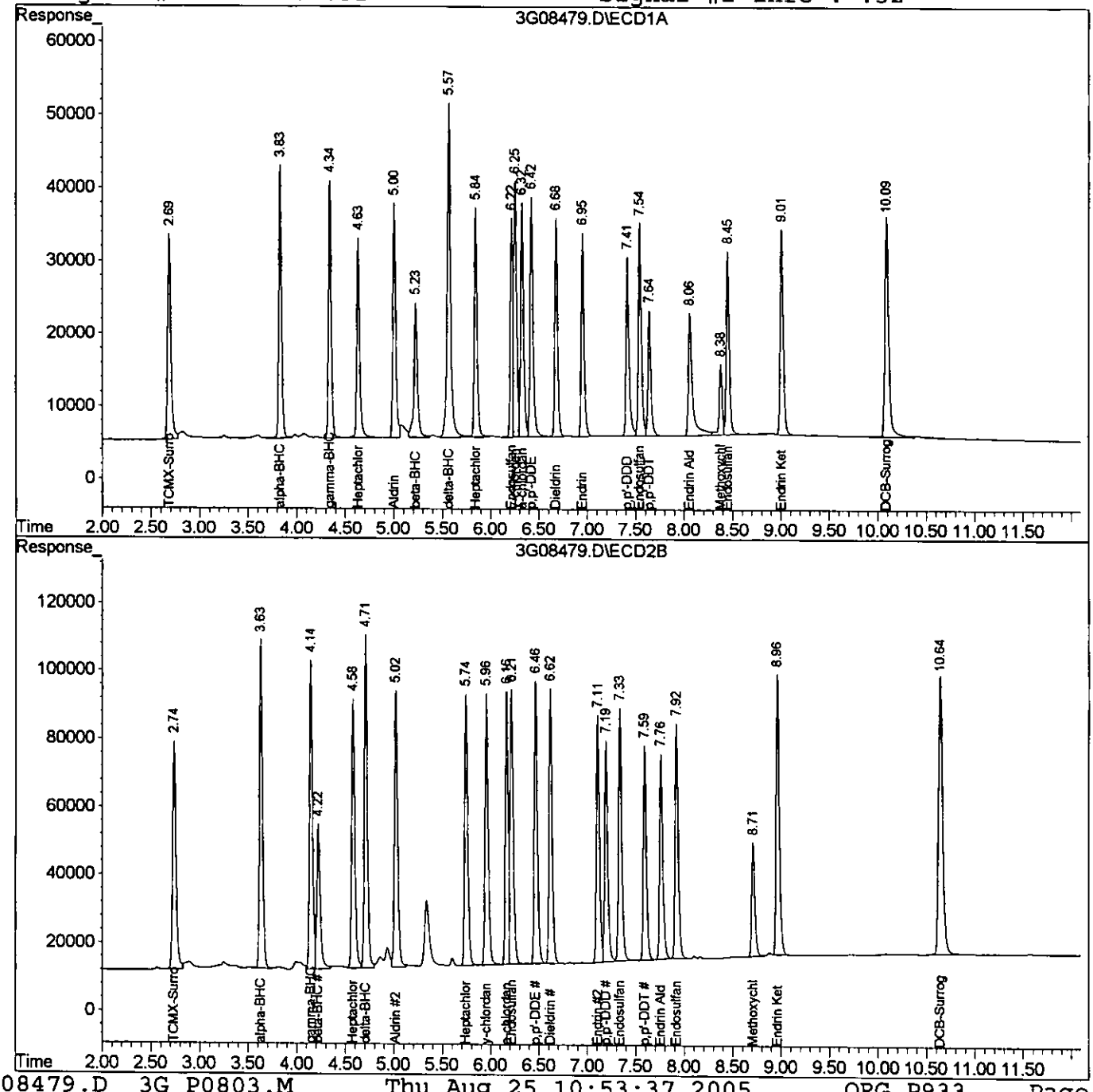
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03398.D\ECD1A.CH Vial:
Signal #2 : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03398.D\ECD2B.CH
Acq On : 8-3-05 6:28:59 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 3 6:54 2005 Quant Results File: 5G_P0729.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.72	6.62	289.2E6	303.0E6	46.730	46.947
2)	alpha-BHC	8.02	7.63	293.5E6	361.0E6	43.358	44.683
3)	gamma-BHC	8.54	8.17	256.9E6	298.3E6	45.030	44.413
4)	beta-BHC	9.43	8.25	117.8E6	134.0E6	44.654	43.999
5)	Heptachlor	8.82	8.61	230.9E6	222.7E6	47.785	47.276
6)	delta-BHC	9.76	8.74	235.7E6	302.1E6	45.873	45.140
7)	Aldrin	9.18	9.05	260.1E6	280.6E6	44.869	47.714
8)	Heptachlor Epoxi	10.00	9.75	215.3E6	219.9E6	46.025	44.993
9)	y-chlordane	10.38	9.95	238.9E6	253.5E6	45.518	47.925
10)	a-chlordane	10.44	10.15	242.4E6	250.2E6	45.525	48.478
11)	Endosulfan I	10.34	10.20	208.8E6	233.1E6	46.820	48.844
12)	p,p'-DDE	10.51	10.41	251.2E6	252.3E6	43.692	49.010
13)	Dieldrin	10.77	10.57	200.3E6	178.8E6	46.965	46.910
14)	Endrin	11.02	11.02	167.4E6	138.8E6	51.263	50.741
15)	p,p'-DDD	11.43	11.08	169.9E6	141.7E6	48.053	47.614
16)	Endosulfan II	11.56	11.23	189.1E6	199.0E6	46.499	47.412
17)	p,p'-DDT	11.62	11.44	145.4E6	173.8E6	46.726	52.240
18)	Endrin Aldehyde	12.04	11.61	112.0E6	131.6E6	45.576	46.710
19)	Endosulfan Sulfa	12.39	11.75	174.5E6	167.8E6	45.040	47.859
20)	Methoxychlor	12.27	12.43	78586293	65007076	53.854	51.966
21)	Endrin Ketone	12.92	12.70	167.1E6	187.5E6	49.353	47.869
22)	DCB-Surrogate	13.92	14.32	291.1E6	276.6E6	47.898	47.685

08/25/07

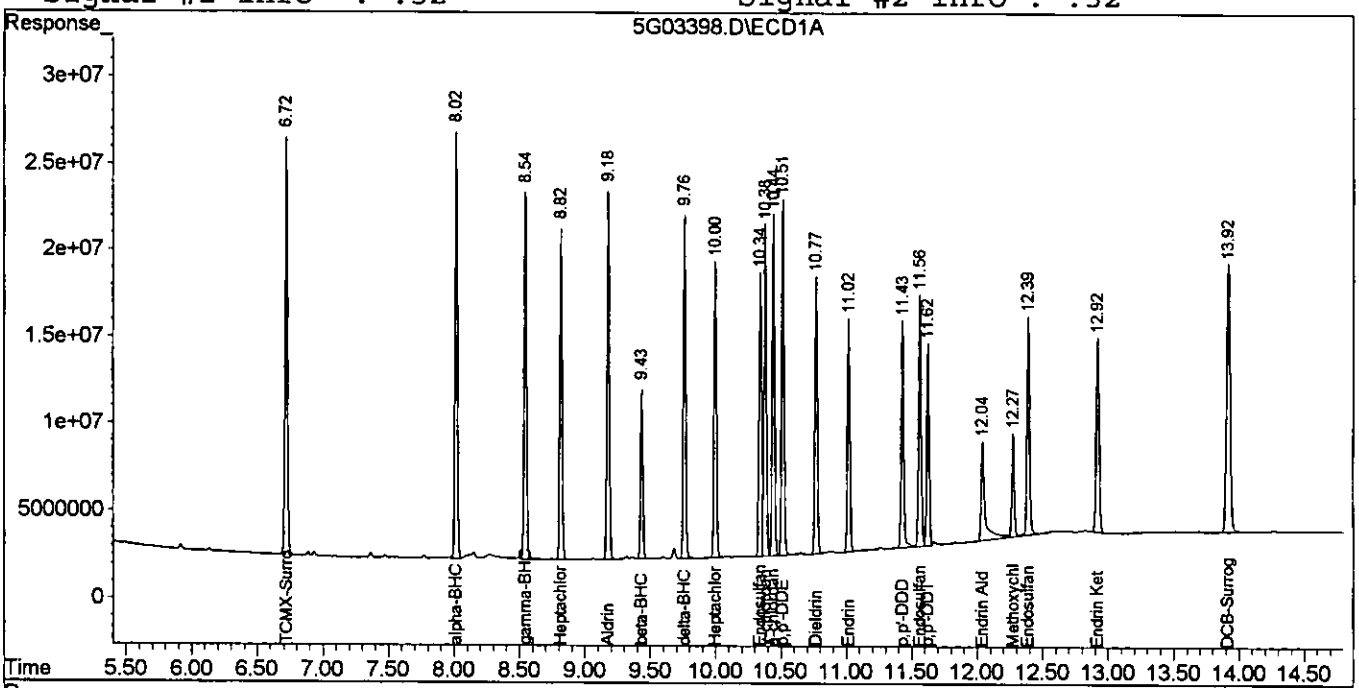
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

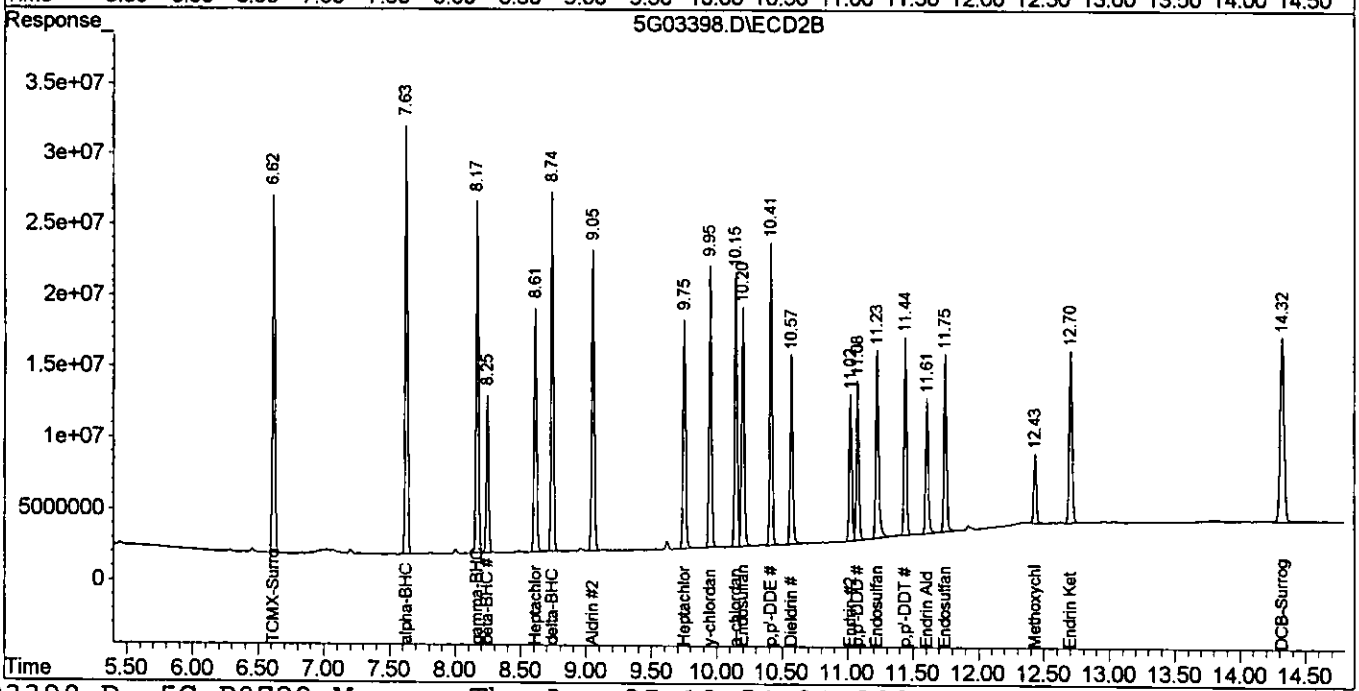
Quantitation Report

Signal #1 : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03398.D\ECD1A.CH Vial:
Signal #2 : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03398.D\ECD2B.CH
Acq On : 8-3-05 6:28:59 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 3 6:54 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 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





Quantitation Report (QT Reviewed)

Data File : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03419.D\ECD1A.CH Vial: 23
Acq On : 8-3-05 13:29:33 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : PEST1.E

Data File : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03419.D\ECD2B.CH Vial: 23
Acq On : 8-3-05 13:29:32 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 3 13:48 2005 Quant Results File: 5G_P0729.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.72	6.62	756.2E6	654.2E6	122.183	101.364
2)	alpha-BHC	8.02	7.63	851.3E6	848.9E6	125.765	105.082
3)	gamma-BHC	8.54	8.17	703.9E6	714.4E6	123.366m	106.383
4)	beta-BHC	9.43	8.25	309.8E6	302.1E6	117.470m	99.166
5)	Heptachlor	8.81	8.61	536.7E6	463.6E6	111.061	98.418
6)	delta-BHC	9.76	8.74	667.6E6	711.7E6	129.917	106.337
7)	Aldrin	9.18	9.05	730.8E6	634.9E6	126.086	107.952
8)	Heptachlor Epoxi	10.00	9.75	560.6E6	555.4E6	119.850	113.624
9)	y-chlordane	10.38	9.95	641.0E6	561.3E6	122.131	106.131
10)	a-chlordane	10.44	10.15	627.5E6	541.4E6	117.872	104.900
11)	Endosulfan I	10.34	10.20	553.0E6	518.3E6	124.014	108.592
12)	p,p'-DDE	10.51	10.41	668.8E6	551.8E6	116.337	107.177
13)	Dieldrin	10.77	10.57	473.0E6	482.5E6	110.917	126.563m
14)	Endrin	11.02	11.02	416.8E6	398.0E6	127.670	145.555
15)	p,p'-DDD	11.43	11.08	397.6E6	340.3E6	112.419	114.372
16)	Endosulfan II	11.56	11.23	479.8E6	461.7E6	117.967	109.985
17)	p,p'-DDT	11.62	11.44	364.7E6	355.4E6	117.210	106.823
18)	Endrin Aldehyde	12.04	11.61	278.0E6	338.3E6	113.078	120.041m
19)	Endosulfan Sulfa	12.39	11.75	427.4E6	413.1E6	110.274	117.801
20)	Methoxychlor	12.27	12.43	165.6E6	147.5E6	113.506	117.880
21)	Endrin Ketone	12.92	12.70	382.6E6	475.8E6	113.002	121.456
22)	DCB-Surrogate	13.91	14.32	677.1E6	559.0E6	111.418	96.395

08/24/0

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

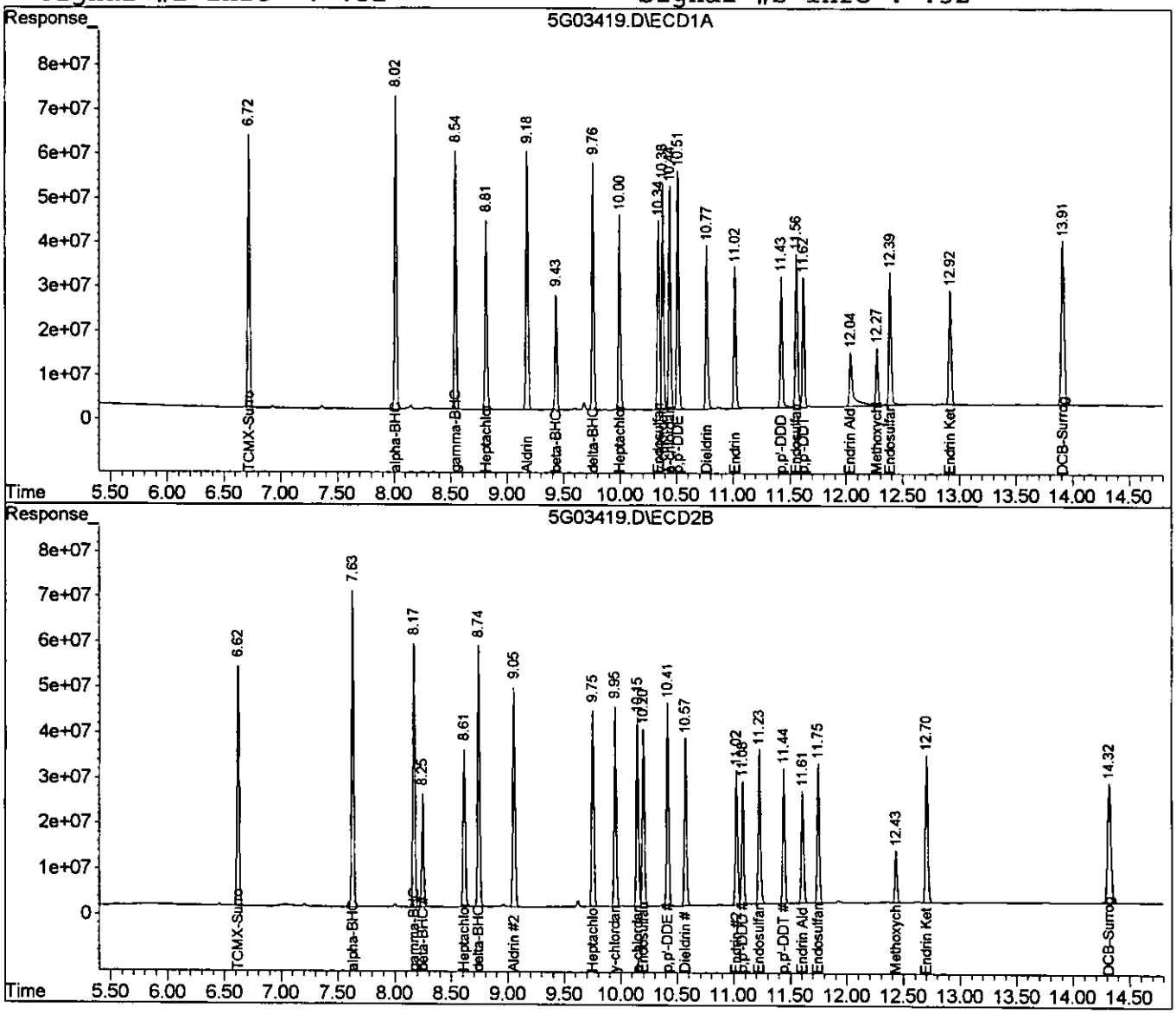
Quantitation Report

Data File : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03419.D\ECD1A.CH Vial: 23
Acq On : 8-3-05 13:29:33 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : PEST1.E

Data File : G:\GCDATA\2005\GC_5\DATA\08-03-05\5G03419.D\ECD2B.CH Vial: 23
Acq On : 8-3-05 13:29:32 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 3 13:48 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 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



GC Pesticide Data
Raw QC Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: SMB729B
Client Id:
Data File: 3G08460.D
Analysis Date: 08/08/05 07:12
Date Rec/Extracted: NA-08/07/05

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 #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08460.D\ECD1A.CH Vial: 64
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08460.D\ECD2B.CH
Acq On : 8 Aug 2005 7:12 Operator: JK
Sample : SMB729B Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 7:32 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 : 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	476357	1151394	71.377	69.060
22)	DCB-Surrogate	10.09	10.64	571366	1681358	69.016	68.257

08/10/05

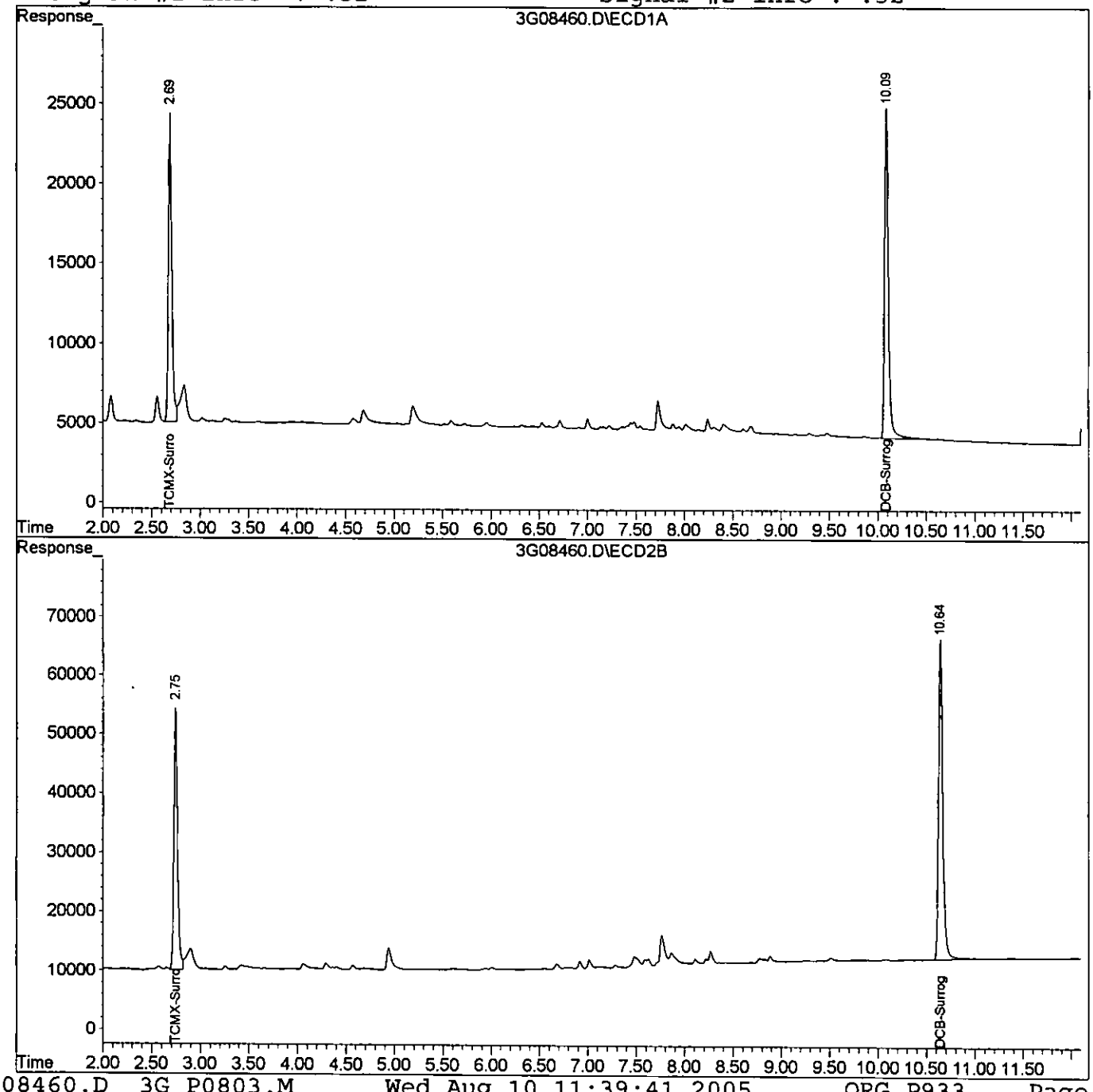
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08460.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08460.D\ECD2B.CH
Acq On : 8 Aug 2005 7:12 Operator: JK
Sample : SMB729B Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 7:32 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: WMB2305
Client Id:
Data File: 5G03399.D
Analysis Date: 08/03/05 06:49
Date Rec/Extracted: NA-08/02/05

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 #: 18070

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.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03399.D\ECD1A.CH Vial: 33
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03399.D\ECD2B.CH
Acq On : 8-3-05 6:49:14 Operator: JK
Sample : WMB2305 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 9:34 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 10:45:54 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	583.7E6	594.8E6	94.308	92.163
22)	DCB-Surrogate	13.91	14.32	631.1E6	582.0E6	103.839	100.346

08/10/05

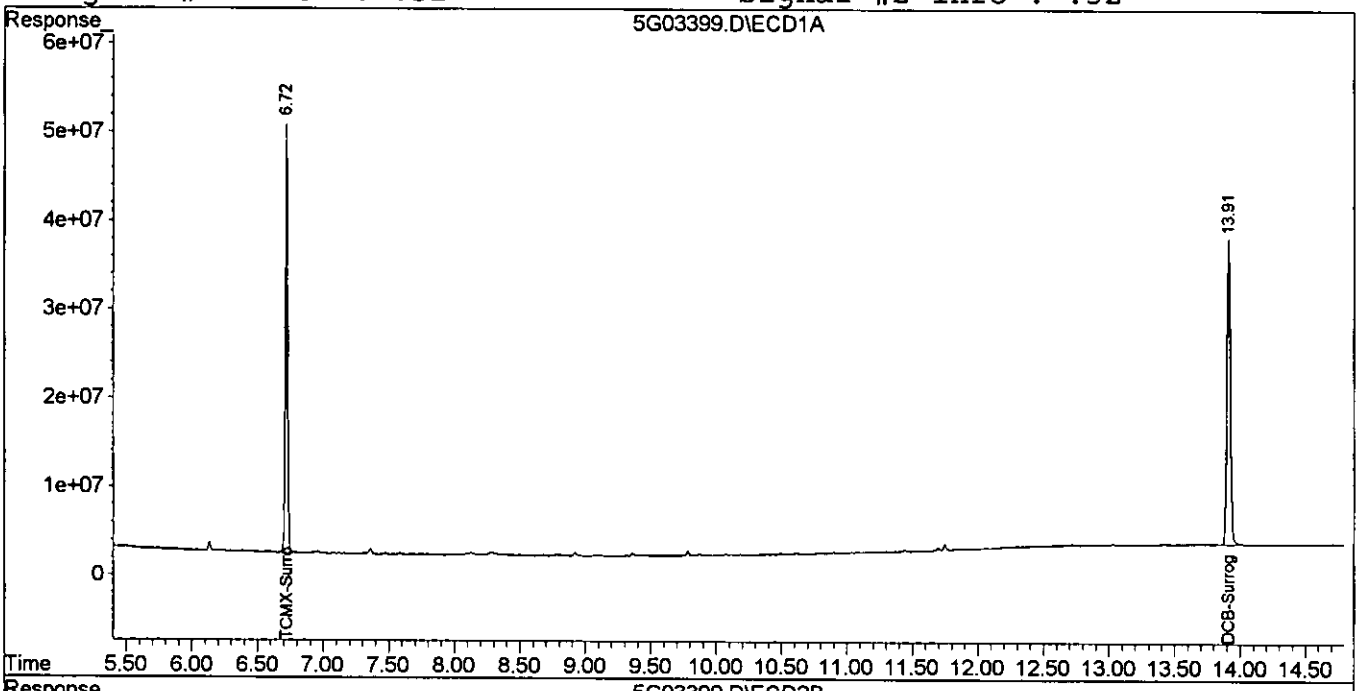
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

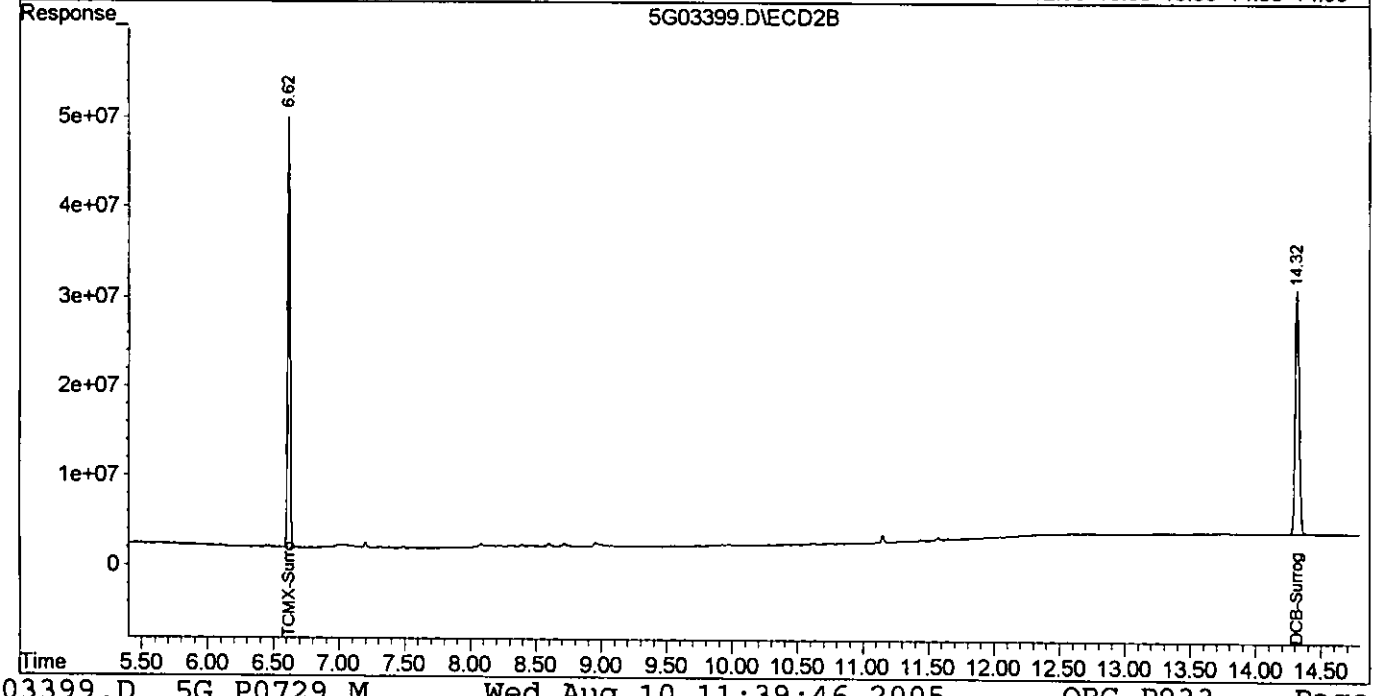
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03399.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-03-05\5G03399.D\ECD2B.CH
Acq On : 8-3-05 6:49:14 Operator: JK
Sample : WMB2305 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 9:34 2005 Quant Results File: 5G_P0729.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0729.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Fri Jul 29 10:45:54 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





Form3

MBS Data

Method: 8081

	Data File:===>	3G08462.D			3G08342.D											
	Data/Batch/Sample ID:===>	SMB729B(MS)			WMB2305(MS)											
	Date/Time:===>	08/08/05 07:45			08/03/05 14:27											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aldrin	34-132	40-120	1	0	80.4	100	80	88.88	100	89									
Dieldrin	31-134	52-126	1	0	83.71	100	84	100.3	100	100									
Endrin	42-139	56-121	1	0	82.78	100	83	99.15	100	99									
gamma-BHC	46-127	56-123	1	0	77.25	100	77	91	100	91									
Heptachlor	35-130	40-131	1	0	92.74	100	93	104.2	100	104									
p,p'-DDT	23-134	38-127	1	0	81.62	100	82	103.5	100	104									

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

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08462.D\ECD1A.CH Vial: 69
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08462.D\ECD2B.CH
Acq On : 8 Aug 2005 7:45 Operator: JK
Sample : SMB729B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 7:54 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 : 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	465020	1123942	69.531	67.142	
2)	alpha-BHC	3.83	3.63	526100	1426322	72.138	67.524	
3)	gamma-BHC	4.34	4.15	539999	1415070	77.249	70.382	
4)	beta-BHC	5.22	4.22	391895	831778	88.891	83.911	
5)	Heptachlor	4.63	4.58	536305	1289164	92.737	65.808	#
6)	delta-BHC	5.57	4.71	412045	1106677	56.351	54.000	
7)	Aldrin	5.00	5.02	526779	1380983	80.402	70.316	
8)	Heptachlor Epoxi	5.84	5.75	515638	1385556	82.639	75.759	
11)	Endosulfan I	6.21	6.22	501135	1325230	103.492	67.910	#
12)	p,p'-DDE	6.42	6.47	571421	1417279	83.563	77.846	
13)	Dieldrin	6.67	6.62	492607	1338094	83.715	75.427	
14)	Endrin	6.95	7.11	449585	1090612	82.779	71.337	
15)	p,p'-DDD	7.41	7.19	409851	1031799	78.090	71.150	
16)	Endosulfan II	7.54	7.34	508017	1304183	83.545	76.562	
17)	p,p'-DDT	7.64	7.59	293156	931373	81.620	73.061	
18)	Endrin Aldehyde	8.06	7.76	385267	985839	78.537	74.254	
19)	Endosulfan Sulfa	8.45	7.92	420535	1009243	82.410	66.440	
20)	Methoxychlor	8.38	8.71	182805	450495	93.696	65.165	#
21)	Endrin Ketone	9.00	8.96	483734	1415110	81.112	75.451	
22)	DCB-Surrogate	10.09	10.64	608112	1760997	73.455	71.490	

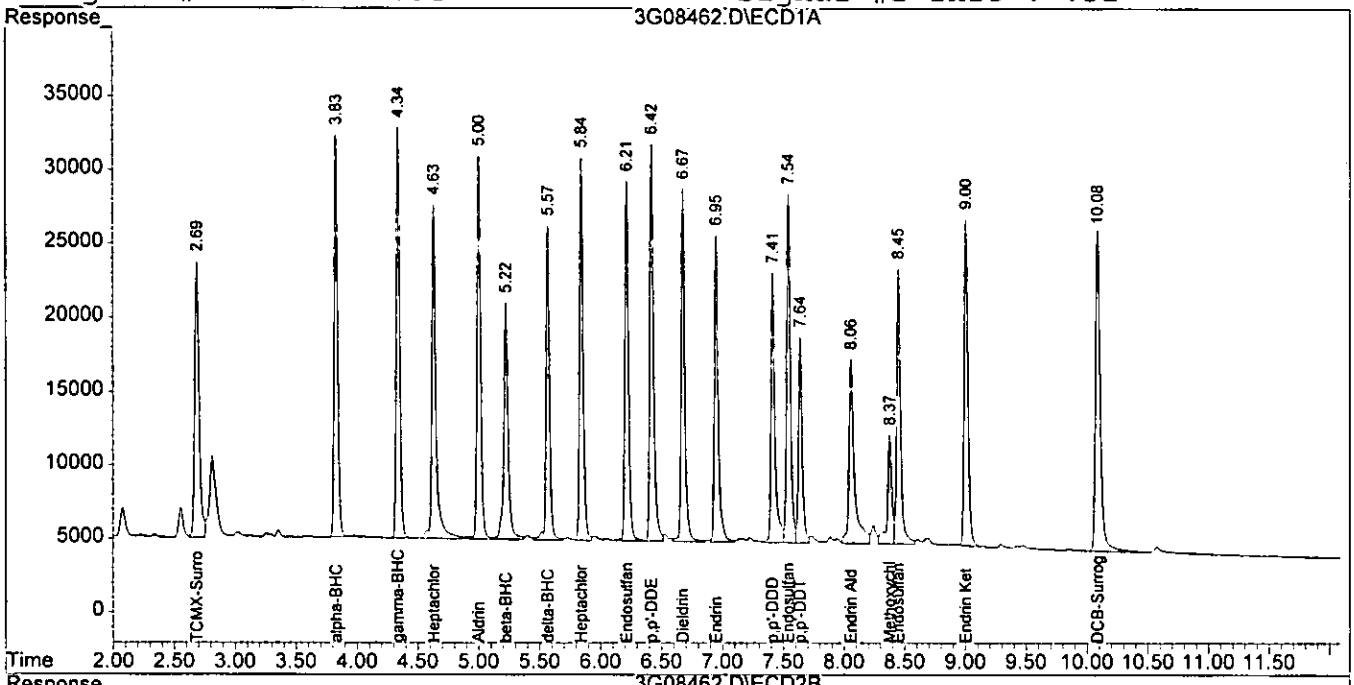
Kasaei 8/10/05

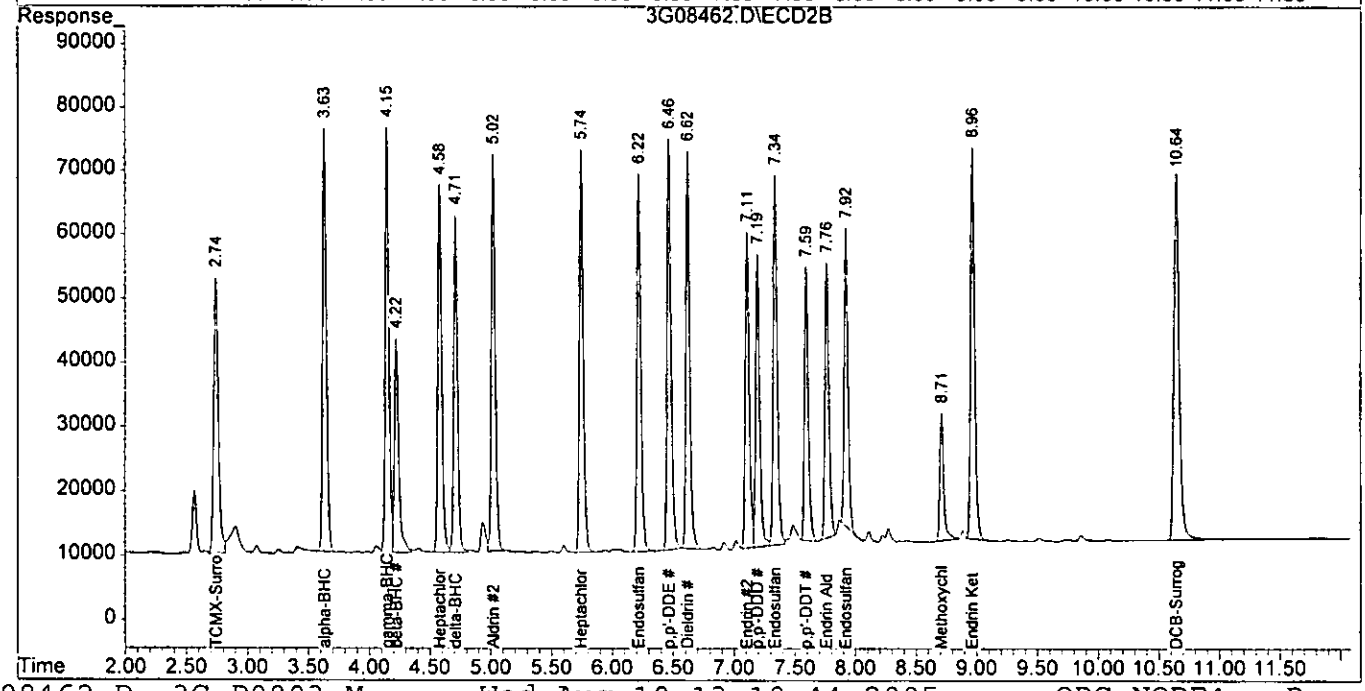
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08462.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-08-05\3G08462.D\ECD2B.CH
Acq On : 8 Aug 2005 7:45 Operator: JK
Sample : SMB729B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 7:54 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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08342.D\ECD1A.CH Vial: 15
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08342.D\ECD2B.CH
Acq On : 3 Aug 2005 14:27 Operator: JK
Sample : WMB2305(MS) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 14:36 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 : 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	526225	1281009	79.532	78.115	
2)	alpha-BHC	3.83	3.62	633569	1722746	87.406	82.047	
3)	gamma-BHC	4.34	4.14	630500	1719306	90.997	85.514	
4)	beta-BHC	5.23	4.22	494822	923920	115.926m	94.461	
5)	Heptachlor	4.63	4.57	597562	1637816	104.161m	83.605	
6)	delta-BHC	5.58	4.71	529209	1659673	74.068	80.983	
7)	Aldrin	5.01	5.02	580041	1702497	88.880	86.687	
8)	Heptachlor Epoxi	5.85	5.74	607186	1660408	97.311	90.787	
11)	Endosulfan I	6.22	6.22	574543	1553135	120.034	79.589	#
12)	p,p'-DDE	6.43	6.46	668482	1744640	97.757	95.826	
13)	Dieldrin	6.68	6.62	590437	1700886	100.340	95.878	
14)	Endrin	6.96	7.11	538480	1486672	99.146	97.244	
15)	p,p'-DDD	7.42	7.19	498205	1392538	94.924	97.253	
16)	Endosulfan II	7.55	7.33	587131	1679323	96.556	98.584	
17)	p,p'-DDT	7.65	7.59	375245	1325261	103.532	103.524	
18)	Endrin Aldehyde	8.07	7.76	491764	1348485	100.247	104.721	
19)	Endosulfan Sulfa	8.46	7.92	517533	1351303	101.418	88.959	
20)	Methoxychlor	8.38	8.71	216027	756331	111.302m	109.405	
21)	Endrin Ketone	9.01	8.96	597702	1808952	101.404	96.449	
22)	DCB-Surrogate	10.10	10.65	831201	2383684	100.402	96.769	

Kaseei 8/10/05

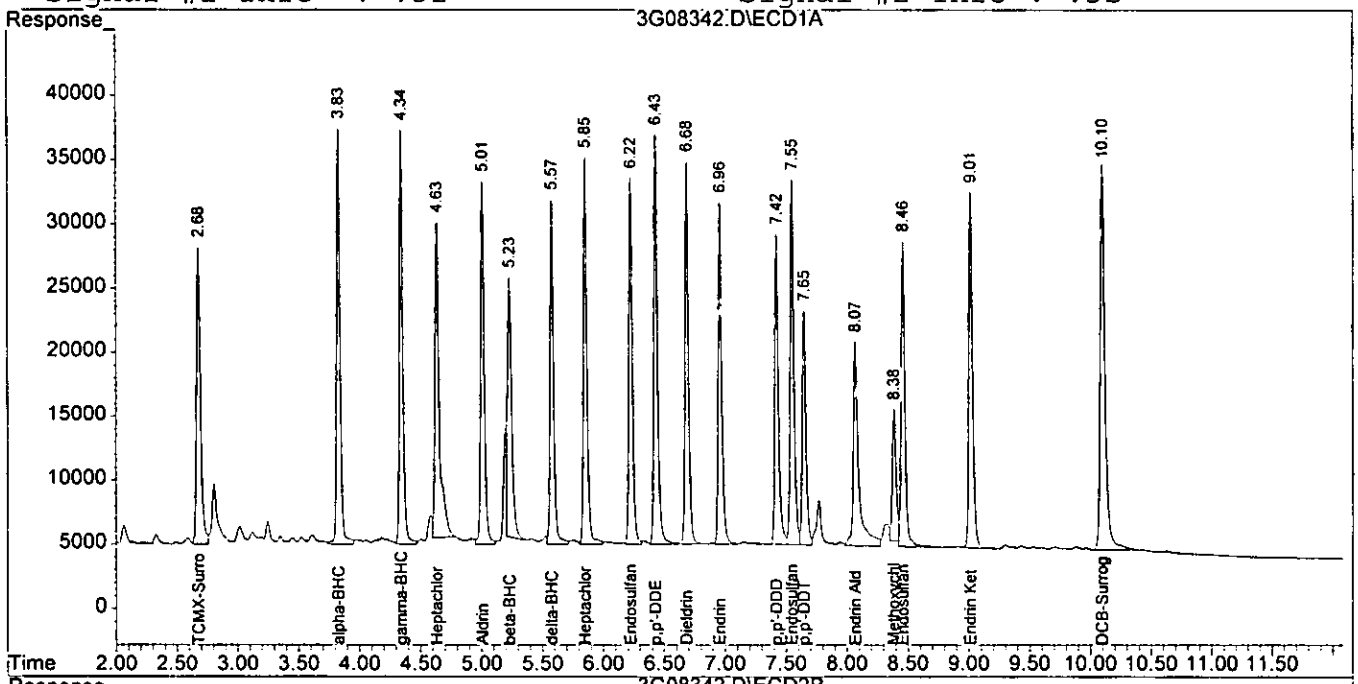
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

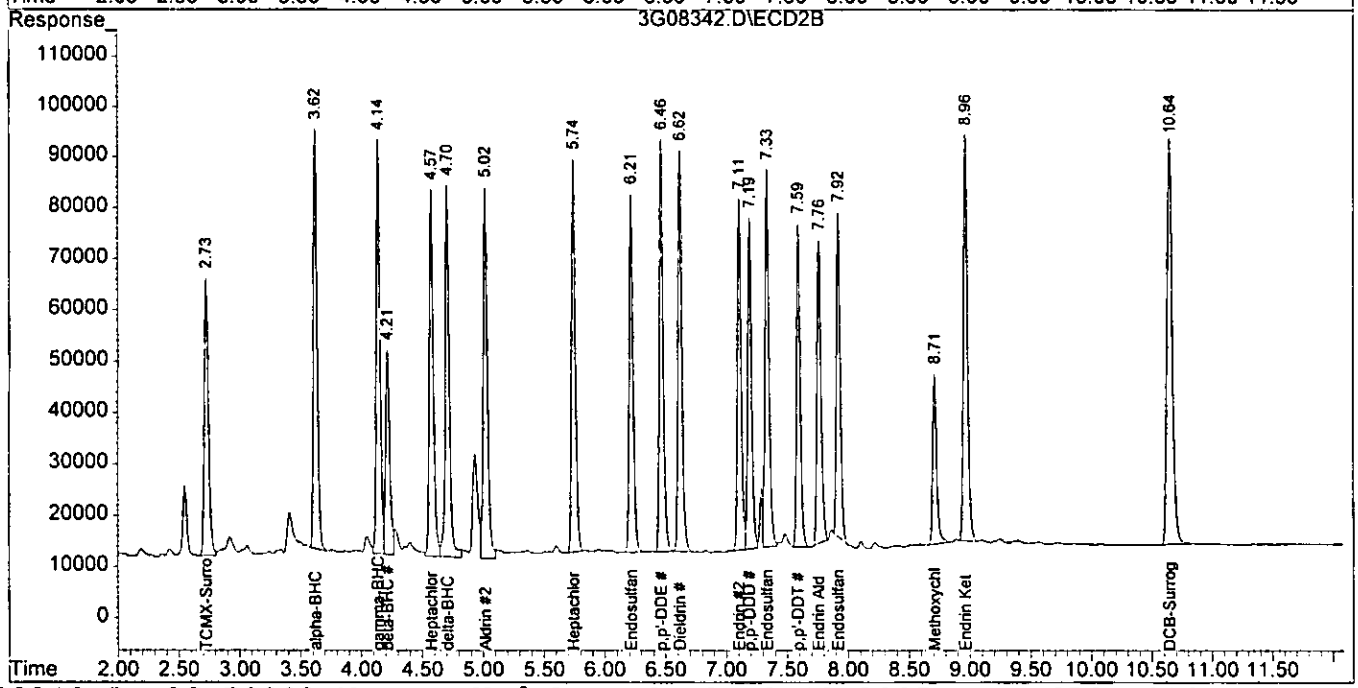
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08342.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-0305\3G08342.D\ECD2B.CH
Acq On : 3 Aug 2005 14:27 Operator: JK
Sample : WMB2305(MS) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 3 14:36 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





FORM 3
Spike Recovery

Batch Number: SMB727B
Mbs Name: SMB727B(MS)
Ns Name: AC18778-011
Ms Name: AC18778-011(MS)
Msd Name: AC18778-011(MSD

Mbs File: 3G08417.D
Non Spk'd File: 3G08420.D
Spike File: 3G08418.D
Spike Dup File: 3G08419.D
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	84.09	0.00	60.40	68.35	84	60	68	12
Heptachlor	1	0	100	35	130	31	95.27	0.00	68.04	77.17	95	68	77	13
Aldrin	1	0	100	34	132	43	84.25	0.00	59.78	67.75	84	60	68	12
Dieldrin	1	0	100	31	134	38	87.70	0.00	65.57	72.99	88	66	73	11
Endrin	1	0	100	42	139	45	86.95	0.00	65.35	73.14	87	65	73	11
p,p'-DDT	1	0	100	23	134	50	88.57	0.00	63.53	71.56	89	64	72	12

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

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

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD1A.CH Vial: 36
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08417.D\ECD2B.CH
Acq On : 5 Aug 2005 9:38 Operator: JK
Sample : SMB727B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 9:56 2005 Quant Results File: 3G_P0803.RES

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

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

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

Kosaei 8/10/05

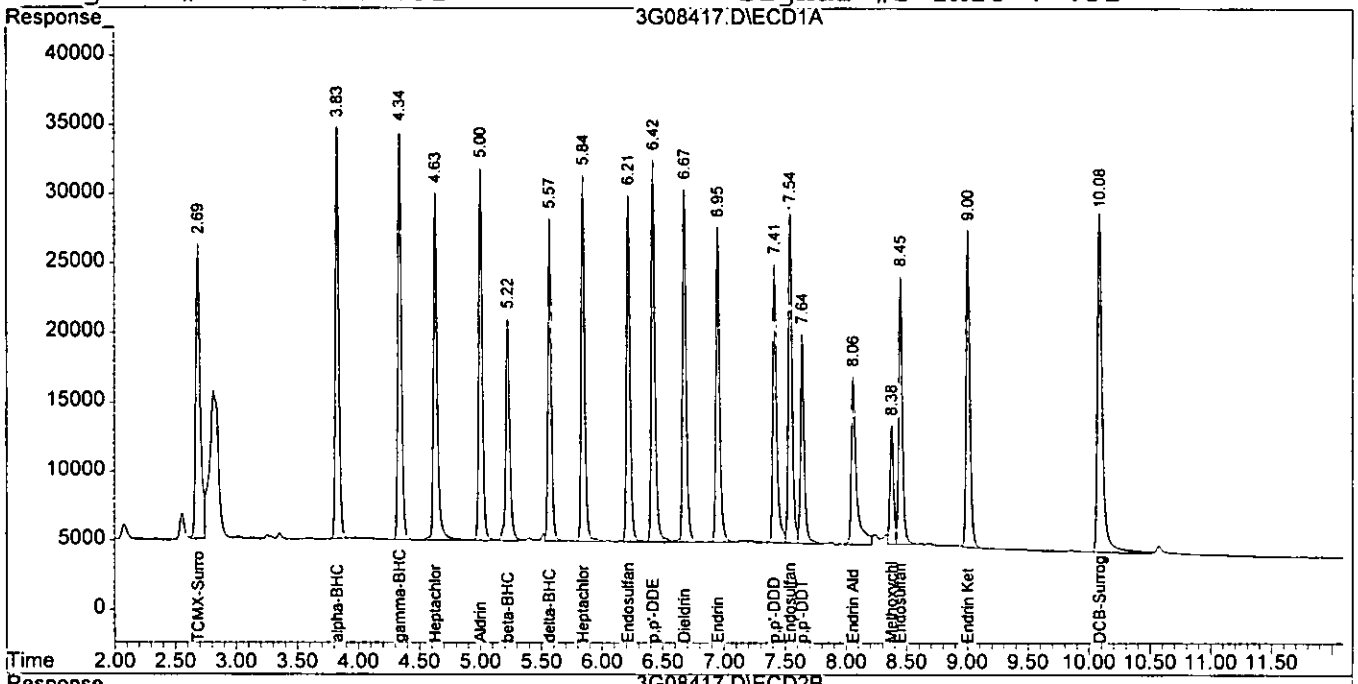
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

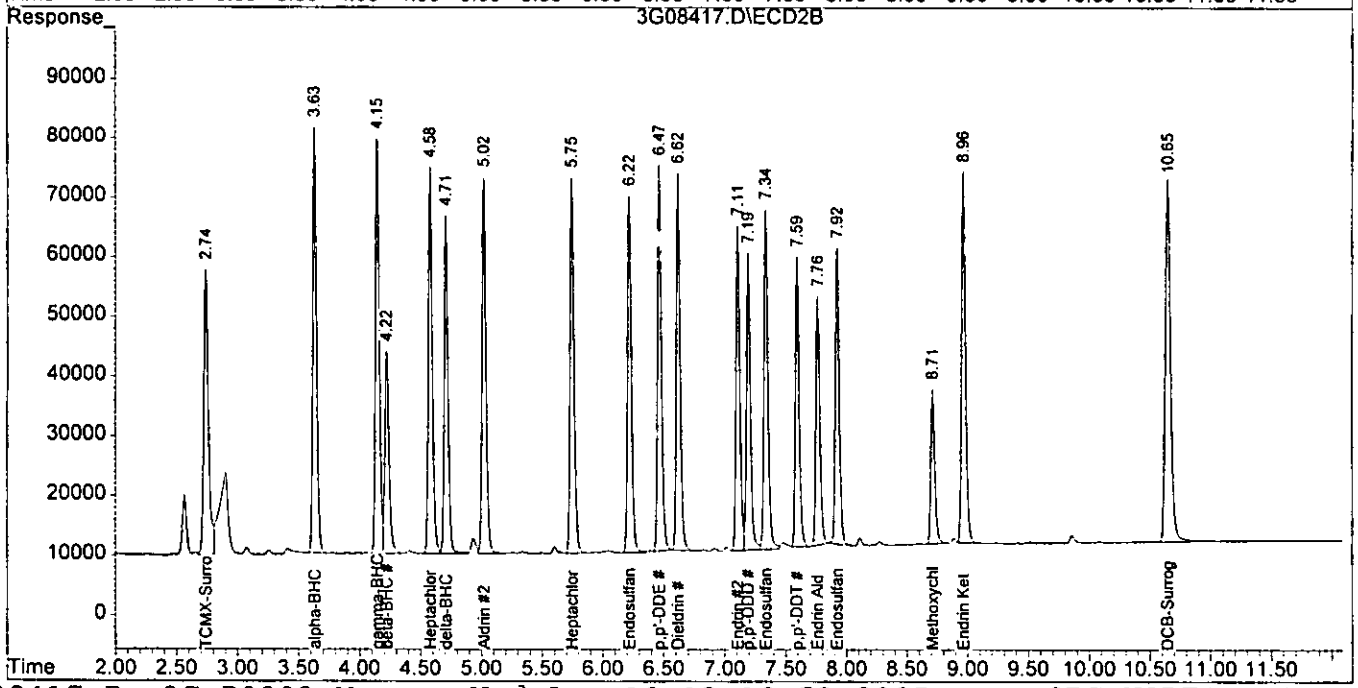
Quantitation Report

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

Quant Method : G:\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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD1A.CH Vial: 37
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD2B.CH
Acq On : 5 Aug 2005 9:55 Operator: JK
Sample : AC18778-011(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 10:28 2005 Quant Results File: 3G_P0803.RES

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

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

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

kosesi 8/10/05

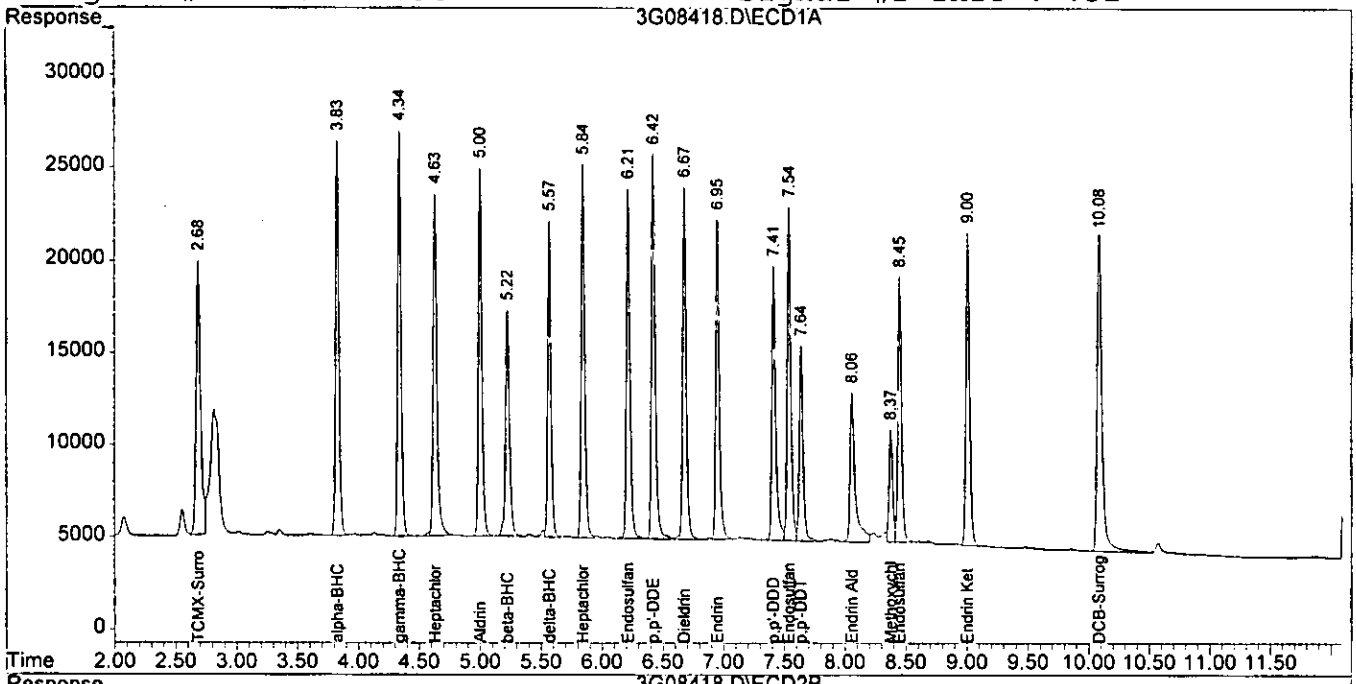
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

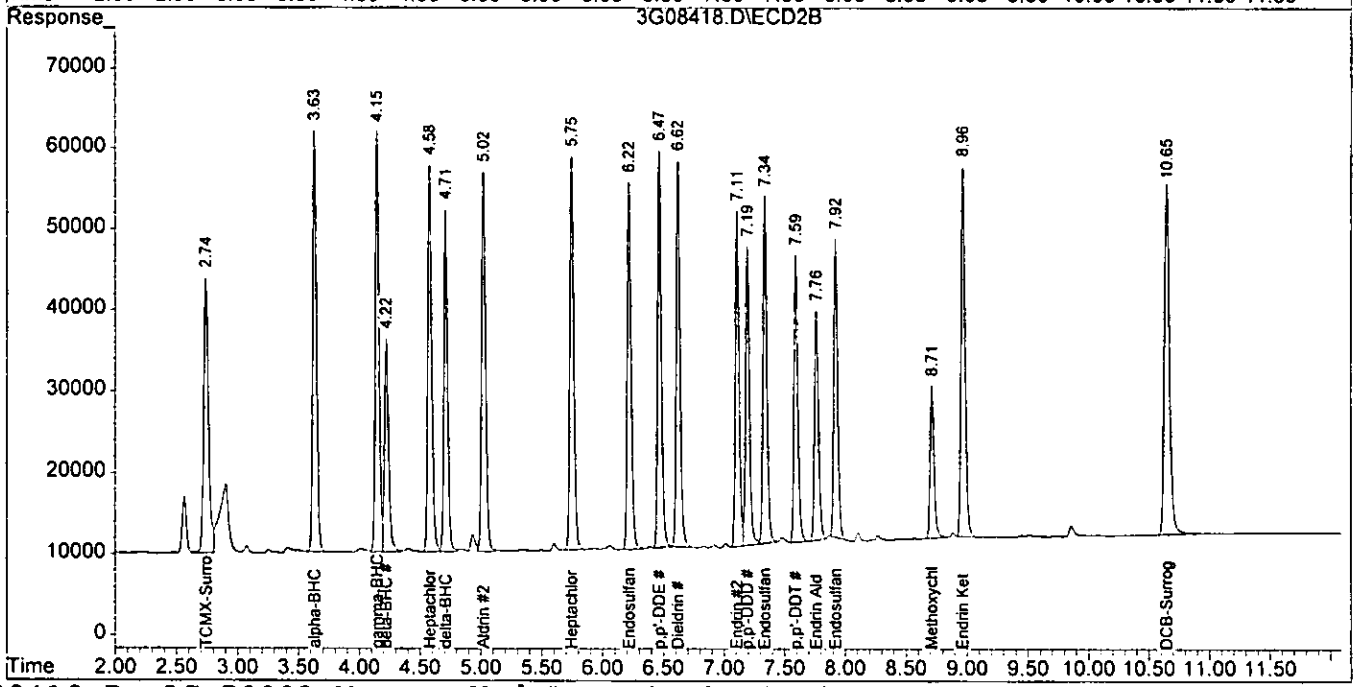
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD1A.CH Vial: 57
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-05-05\3G08418.D\ECD2B.CH
Acq On : 5 Aug 2005 9:55 Operator: JK
Sample : AC18778-011(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 5 10:28 2005 Quant Results File: 3G_P0803.RES

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





Quantitation Report (QT Reviewed)

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

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

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

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

Kgee 8/10/05

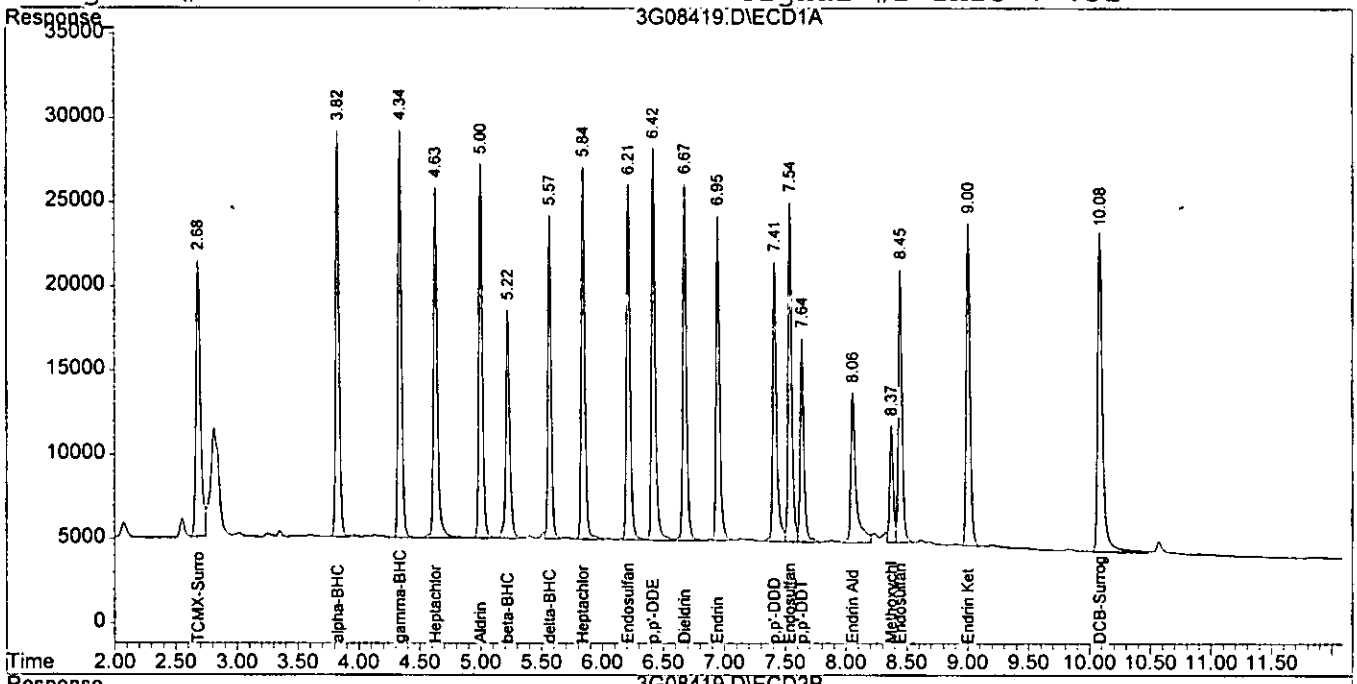
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

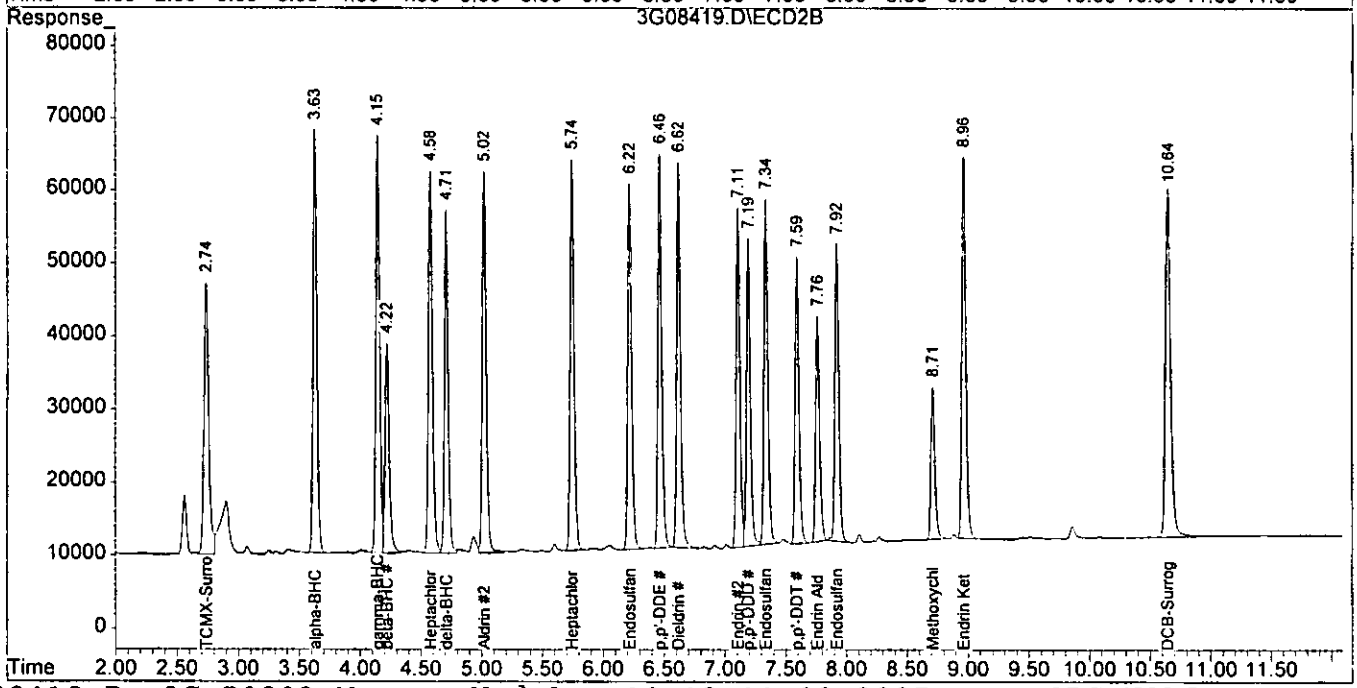
Quantitation Report

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

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





GC Pesticide Data
Extraction/Logbook Data

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5G03375.	CAL EVAL	Is			Soil	1	1	8081	07/29 07:18	5G03376				
03376.	CAL PEST@2PPB				Soil	1	1	608 8081	07/29 07:44	5G03376				
5G03377.	CAL PEST@10PPB				Soil	1	1	608 8081	07/29 08:02	5G03376				
5G03378.	CAL PEST@50PPB				Soil	1	1	608 8081	07/29 08:47	5G03376				
5G03379.	CAL PEST@100PPB				Soil	1	1	608 8081	07/29 09:06	5G03376				
5G03380.	CAL PEST@200PPB				Soil	1	1	608 8081	07/29 09:25	5G03376				
5G03381.	CAL PEST@400PPB				Soil	1	1	608 8081	07/29 09:44	5G03376				
5G03382.	CAL CHLOR@100PPB				Soil	1	1	608 8081	07/29 10:02	5G03376				
5G03383.	CAL TOXAPH@500PP				Soil	1	1	608 8081	07/29 10:21	5G03376				
5G03384.	SMB720B				Soil	1	1	8081	07/29 10:40	5G03376		5G03376	5G03394	
5G03385.	SMB720B(MS)		SMB720B		Soil	1	1	8081	07/29 10:59	5G03376		5G03376	5G03394	
5G03386.	AC18810-002			PE-8081	Soil	1	1	8081	07/29 11:18	5G03376		5G03376	5G03394	
5G03387.	AC18797-001			PE-8081	Soil	1	1	8081	07/29 11:37	5G03376		5G03376	5G03394	
5G03388.	AC18810-001			PE-8081	Soil	1	1	8081	07/29 11:55	5G03376		5G03376	5G03394	
5G03389.	AC18810-003			PE-8081	Aqueou	1	1	8081	07/29 12:14	5G03376		5G03376	5G03394	
5G03390.	WMB2300				Aqueou	1	1	608 8081	07/29 12:46	5G03376	5G03376	5G03376	5G03394	
5G03391.	MB2300				Aqueou	1	1	608 8081	07/29 13:43	5G03376	5G03376	5G03376	5G03394	
5G03392.	100PPB				Aqueou	0.5	1	608 8081	07/29 14:29	5G03376	5G03376	5G03376	5G03394	
5G03393.	WMB2300(MS)		WMB2300		Aqueou	1	1	608 8081	07/29 15:23	5G03376	5G03376	5G03376	5G03394	
5G03394.	CAL PEST@100PPB	C16C26			Aqueou	0.5	1	608 8081	07/29 15:42	5G03376				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/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	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	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)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for int calibration chek rfs	Snc	Surrogate Not Checked
Cme	Endng Cal missing for sample (8000 series)	hw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprund	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wle	Warning -- Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5G03396.	CAL EVAL				Soil	1	1	8081	08/03 05:47	5G03376				
03397.	50PPB	Cn			Soil	1	1	8081	08/03 06:06	5G03376			5G03398	
03398.	CAL PEST@50PPB				Soil	1	1	608 8081	08/03 06:28	5G03376				
5G03399.	WMB2305				Aqueou	1	1	608 8081	08/03 06:49	5G03376	5G03398	5G03398	5G03419	
5G03400.	WMB2305(MS)	M18M26M28	WMB2305		Aqueou	1	1	608 8081	08/03 07:08	5G03376	5G03398	5G03398	5G03419	
5G03401.	AC18808-001(MS)(T)	Mnc	WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 07:26	5G03376	5G03398	5G03398	5G03419	
5G03402.	AC18808-001(MSD)(T)	Mnc	WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 07:45	5G03376	5G03398	5G03398	5G03419	
5G03403.	AC18808-001(T)			PETCLP-808	Aqueou	1	1	8081	08/03 08:04	5G03376		5G03398	5G03419	
5G03404.	AC18819-002(T)			PETCLP-808	Aqueou	1	1	8081	08/03 08:23	5G03376		5G03398	5G03419	
5G03405.	AC18766-001(T)			PETCLP-808	Aqueou	1	1	8081	08/03 08:42	5G03376		5G03398	5G03419	
5G03406.	AC18766-002(T)			PETCLP-808	Aqueou	1	1	8081	08/03 09:00	5G03376		5G03398	5G03419	
5G03407.	EF1 V5263				Aqueou	1	1	8081	08/03 09:19	5G03376		5G03398	5G03419	
5G03408.	AC18807-007			PE-8081	Aqueou	1	1	8081	08/03 09:38	5G03376		5G03398	5G03419	
5G03409.	AC18786-013			PE-8081	Soil	1	1	8081	08/03 09:57	5G03376		5G03398	5G03419	
5G03410.	AC18786-014			PE-8081	Soil	1	1	8081	08/03 10:16	5G03376		5G03398	5G03419	
5G03411.	AC18786-015			PE-8081	Soil	1	1	8081	08/03 10:35	5G03376		5G03398	5G03419	
5G03412.	AC18786-016			PE-8081	Soil	1	1	8081	08/03 10:53	5G03376		5G03398	5G03419	
5G03413.	AC18786-011			PE-8081	Soil	1	1	8081	08/03 11:12	5G03376		5G03398	5G03419	
5G03414.	AC18786-012			PE-8081	Soil	1	1	8081	08/03 11:31	5G03376		5G03398	5G03419	
5G03415.	AC18786-017			PE-8081	Soil	1	1	8081	08/03 11:50	5G03376		5G03398	5G03419	
5G03416.	AC18786-005			PE-8081	Soil	1	1	8081	08/03 12:09	5G03376		5G03398	5G03419	
5G03417.	AC18786-006			PE-8081	Soil	1	1	8081	08/03 12:28	5G03376		5G03398	5G03419	
5G03418.	100PPB				Soil	0.5	1	8081	08/03 13:09	5G03376		5G03398	5G03419	
5G03419.	CAL PEST@100PPB	C16C26C18			Soil	0.5	1	608 8081	08/03 13:29	5G03376				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/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	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
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)
Cbf	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning...Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprund	Mnc	Spike Not Checked for (this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr 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)(T	M16	WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 14:59	3G08334	3G08334	3G08334	3G08345	
3G08345.	CAL PEST@100PPB				Aqueou	0.5	1	608 8081	08/03 15:16	3G08334				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/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	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
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	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calipt.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..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	II 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 modcheckprepruncl	Mnc	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

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

1349

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	8000 End Cal	BlkFile
3G08411.	CAL EVAL				Aqueou	1	1	608 8081	08/05 07:39	3G08334				
3G08412.	CAL PEST@100PPB	C26			Aqueou	0.5	1	608 8081	08/05 07:56	3G08334				
)8413.	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/05 08:32	3G08334				
08414.	WMB2309				Aqueou	1	1	608 8081	08/05 08:49	3G08334	3G08412	3G08412	3G08430	
3G08415.	WMB2309(MS)		WMB2309		Aqueou	1	1	608 8081	08/05 09:05	3G08334	3G08412	3G08412	3G08430	
3G08416.	SMB727B				Soil	1	1	8081	08/05 09:22	3G08334		3G08412	3G08430	
3G08417.	SMB727B(MS)		SMB727B		Soil	1	1	8081	08/05 09:38	3G08334		3G08412	3G08430	
3G08418.	AC18778-011(MS)		SMB727B	PE-8081	Soil	1	1	8081	08/05 09:55	3G08334		3G08412	3G08430	
3G08419.	AC18778-011(MSD)		SMB727B	PE-8081	Soil	1	1	8081	08/05 10:11	3G08334		3G08412	3G08430	
3G08420.	AC18778-011		SMB727B	PE-8081	Soil	1	1	8081	08/05 10:28	3G08334		3G08412	3G08430	
3G08421.	AC18778-019			PE-8081	Soil	1	1	8081	08/05 10:44	3G08334		3G08412	3G08430	
3G08422.	AC18778-024			PE-8081	Soil	1	1	8081	08/05 11:01	3G08334		3G08412	3G08430	
3G08423.	AC18778-016			PE-8081	Soil	1	1	8081	08/05 11:17	3G08334		3G08412	3G08430	
3G08424.	AC18778-020			PE-8081	Soil	1	1	8081	08/05 11:34	3G08334		3G08412	3G08430	
3G08425.	AC18778-022			PE-8081	Soil	1	1	8081	08/05 11:50	3G08334		3G08412	3G08430	
3G08426.	AC18778-018			PE-8081	Soil	1	1	8081	08/05 12:07	3G08334		3G08412	3G08430	
3G08427.	AC18778-021			PE-8081	Soil	1	1	8081	08/05 12:23	3G08334		3G08412	3G08430	
3G08428.	AC18778-023			PE-8081	Soil	1	1	8081	08/05 12:40	3G08334		3G08412	3G08430	
3G08429.	AC18778-003(R)			PE-8081	Soil	1	1	8081	08/05 12:56	3G08334		3G08412	3G08430	
3G08430.	CAL PEST@200PPB				Soil	0.25	1	608 8081	08/05 13:47	3G08334				
3G08431.	CAL EVAL				Soil	1	1	8081	08/05 14:08	3G08334				
3G08432.	AC18778-010			PE-8081	Soil	1	1	8081	08/05 15:16	3G08334		3G08430	3G08448	
3G08433.	AC18778-011			PE-8081	Soil	1	1	8081	08/05 15:32	3G08334		3G08430	3G08448	
3G08434.	AC18778-012			PE-8081	Soil	1	1	8081	08/05 15:49	3G08334		3G08430	3G08448	
3G08435.	AC18778-013			PE-8081	Soil	1	1	8081	08/05 16:05	3G08334		3G08430	3G08448	
3G08436.	AC18778-014			PE-8081	Soil	1	1	8081	08/05 16:22	3G08334		3G08430	3G08448	
3G08437.	AC18778-015			PE-8081	Soil	1	1	8081	08/05 16:38	3G08334		3G08430	3G08448	
3G08438.	AC18778-016			PE-8081	Soil	1	1	8081	08/05 16:55	3G08334		3G08430	3G08448	
3G08439.	AC18778-017			PE-8081	Soil	1	1	8081	08/05 17:11	3G08334		3G08430	3G08448	
3G08440.	AC18778-018			PE-8081	Soil	1	1	8081	08/05 17:28	3G08334		3G08430	3G08448	
3G08441.	AC18778-019			PE-8081	Soil	1	1	8081	08/05 17:44	3G08334		3G08430	3G08448	
3G08442.	AC18778-020			PE-8081	Soil	1	1	8081	08/05 18:00	3G08334		3G08430	3G08448	
3G08443.	AC18778-021			PE-8081	Soil	1	1	8081	08/05 18:17	3G08334		3G08430	3G08448	
3G08444.	AC18778-022			PE-8081	Soil	1	1	8081	08/05 18:33	3G08334		3G08430	3G08448	
3G08445.	AC18778-023			PE-8081	Soil	1	1	8081	08/05 18:50	3G08334		3G08430	3G08448	
3G08446.	AC18778-024			PE-8081	Soil	1	1	8081	08/05 19:06	3G08334		3G08430	3G08448	
)8447.	AC18778-003(R)			PE-8081	Soil	1	1	8081	08/05 19:22	3G08334		3G08430	3G08448	
J8448.	CAL PEST@400PPB	C16C26			Soil	0.125	1	608 8081	08/05 19:39	3G08334				
3G08449.	CAL PEST@400PPB	C16C26			Soil	0.125	1	608 8081	08/05 19:55	3G08334				
3G08450.	CAL PEST@200PPB	C16C26			Soil	0.25	1	608 8081	08/05 20:12	3G08334				
3G08451.	CAL PEST@200PPB	C16C26C18C28			Soil	0.25	1	608 8081	08/05 20:28	3G08334				
3G08452.	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/05 20:44	3G08334				
3G08453.	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/05 21:01	3G08334				
3G08454.	CAL PEST@100PPB	C16C26C28			Soil	0.5	1	608 8081	08/05 21:17	3G08334				
3G08455.	CAL PEST@100PPB	C16C26C18C28			Soil	0.5	1	608 8081	08/05 21:33	3G08334				

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C1B	Calibration Column 1 Out (600 Series)
C1R	Calibration Column 1 Out (8000 Series)
	Calibration Column 2 Out (600 Series)
	Calibration Column 2 Out (8000 Series)
	600 series sample/blank did not have passing cal
	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Co	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Epp	Problem Checking Prep/analdates modcheckprepanda
Eo	Eval Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tdd/Solvent Extraction Date Missing/Not check'd
Eto	Tdo Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I18,I26	Initial cal 600 series failed Column 1 and or 2
I18,I28	Initial cal 8000 series failed Column 1 and or 2
Ic	Initial Cal Not Checked
Iv	Prob with cal'rd.csv for ini calibration check rfs
Iw	Initial cal warning. Ini cal file <> method
Ix	Initial Cal Files Not Updated Properly for a samp
M16,M26	Spike Out Col 1 and or Col 2 600 series
M16a,M16b	Spike Out Col 1 600 series Acid and or BN
M18,M28	Spike Out Col 1 and or Col 2 8000 series
M18a,M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this method
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
R1B,R2B	Rnd Out on MsMsd (col1 and or col2) 600 series
R1R,R2R	Rnd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
TiB	Outside of 600 series Tune time/Cal Time
TiR	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration
Tn	Tune Not Checked
To	Tune Fits Failed
Wia	Warning Instrument Id not in Tdl loc field

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
3G08456.	CAL EVAL				Aqueou	1	1	608 8081	08/08 05:51	3G08334				
[illegible]08457.	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/08 06:08	3G08334				
)8458.	CAL PEST@50PPB	C16C26			Aqueou	1	1	608 8081	08/08 06:26	3G08334				
3G08459.	SMB728B				Soil	1	1	8081	08/08 06:56	3G08334		3G08457	3G08479	
3G08460.	SMB729B				Soil	1	1	8081	08/08 07:12	3G08334		3G08457	3G08479	
3G08461.	SMB728B(MS)		SMB728B		Soil	1	1	8081	08/08 07:29	3G08334		3G08457	3G08479	
3G08462.	SMB729B(MS)		SMB729B		Soil	1	1	8081	08/08 07:45	3G08334		3G08457	3G08479	
3G08463.	AC18830-011		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:02	3G08334		3G08457	3G08479	
3G08464.	AC18830-011(MS)		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:18	3G08334		3G08457	3G08479	
3G08465.	AC18830-011(MSD)		SMB729B	PE-8081	Soil	1	1	8081	08/08 08:34	3G08334		3G08457	3G08479	
3G08466.	AC18920-001			PE-8081	Soil	1	1	8081	08/08 08:51	3G08334		3G08457	3G08479	
3G08467.	AC18778-014(R)			PE-8081	Soil	1	1	8081	08/08 09:07	3G08334		3G08457	3G08479	
3G08468.	AC18778-024(R)			PE-8081	Soil	1	1	8081	08/08 09:24	3G08334		3G08457	3G08479	
3G08469.	AC18807-023			PE-8081	Soil	1	1	8081	08/08 09:40	3G08334		3G08457	3G08479	
3G08470.	AC18807-001			PE-8081	Soil	1	1	8081	08/08 09:56	3G08334		3G08457	3G08479	
3G08471.	AC18807-004			PE-8081	Soil	1	1	8081	08/08 10:12	3G08334		3G08457	3G08479	
3G08472.	AC18807-008			PE-8081	Soil	1	1	8081	08/08 10:29	3G08334		3G08457	3G08479	
3G08473.	AC18807-014			PE-8081	Soil	1	1	8081	08/08 10:45	3G08334		3G08457	3G08479	
3G08474.	AC18807-017			PE-8081	Soil	1	1	8081	08/08 11:01	3G08334		3G08457	3G08479	
3G08475.	AC18807-020			PE-8081	Soil	1	1	8081	08/08 11:18	3G08334		3G08457	3G08479	
3G08476.	AC18830-001			PE-8081	Soil	1	1	8081	08/08 11:33	3G08334		3G08457	3G08479	
3G08477.	AC18830-002			PE-8081	Soil	1	1	8081	08/08 11:50	3G08334		3G08457	3G08479	
3G08478.	AC18830-009			PE-8081	Soil	1	1	8081	08/08 12:06	3G08334		3G08457	3G08479	
3G08479.	CAL PEST@100PPB	C16			Soil	0.5	1	608 8081	08/08 13:20	3G08334				
3G08480.	100PPB	Cme			Soil	0.5	1	8081	08/08 13:36	3G08334		3G08479		

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
B8m	Blank 600 series missing	Etn	Tclp/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	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C1A	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I18,I28	Initial cal 600 series failed Column 1 and or 2	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)
Cor	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for ini calibration chek rls	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
Es	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning -- Instrument Id not in TxtLoc field

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
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
Description: TOXAPHENE- INTERMEDIATE
Prep Date: 3/11/2005
Expiration Date: 9/11/2005
Department: Organics
BatchNumber: B-207
Concentration: 50 ppm
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
Description: TOXAPHENE- WS
Prep Date: 3/11/2005
Expiration Date: 9/11/2005
Department: Organics
BatchNumber: B-207
Concentration: 500 ppb
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
Description: CHLORDANE-INTERMEDIATE
Prep Date: 4/12/2005
Expiration Date: 9/20/2005
Department: Organics
BatchNumber: B-279
Concentration: 10 ppm
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
Description: CHLORDANE-WS
Prep Date: 4/12/2005
Expiration Date: 9/20/2005
Department: Organics
BatchNumber: B-279
Concentration: 100 ppb
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

Veritech Lot Number: V-3815

Prepared By: Korytova, Jaroslava
Description: PEST-INTERM.
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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
Description: EVAL MIX
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 100 ppb
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
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 400 ppb
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
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 200 ppb
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
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9900 ul	neat neat	
V-3815	PEST-INTERM.	100 ul	10 ppm	400 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-3820

Prepared By:	Korytova, Jaroslava	Department:	Organics
Description:	pest WS	BatchNumber:	B-421
Prep Date:	6/3/2005	Concentration:	50 ppb
Expiration Date:	9/30/2005	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	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

Veritech Control/Receipt Number: 480

Description
TCMX

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

Veritech Control/Receipt Number: 481

Description
DCB

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

Veritech Control/Receipt Number: 485

Description
Acetone Neat

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

Veritech Control/Receipt Number: 802

Description
n-Hexane

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

Veritech Control/Receipt Number: 809

Description
Chlordane

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

Veritech Control/Receipt Number: 837

Description
Single-Column Analytes

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

Veritech Control/Receipt Number: 850

Description
DDT/Endrin Mix

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

Veritech Standard Receipt Log

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

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
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
Description: TCMX/DCB SGT
Prep Date: 5/12/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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
Description: Pest Spk
Prep Date: 6/9/2005
Expiration Date: 12/8/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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
Description: PEST/PCB SURR
Prep Date: 7/26/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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

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

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
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
Description: TCMX/DCB SGT
Prep Date: 5/12/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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
Description: Pest Spk
Prep Date: 6/9/2005
Expiration Date: 12/8/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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
Description: PEST/PCB SURR
Prep Date: 7/26/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
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

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

Method Blank No. WMB- 2305
Blank Spike (WMBS): 2287, 2305
Blank Spike (WMBS): 2288 PCB

Date: 8/2/05
Matrix Spike: 18499-008, 18808-001
Matrix Spike: 18550-001

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 2305	X	X			1000ml	5ml		18499-008	V5084
MBS 2305	X	X			↓				
18766-001	19				100ml			15	4
18766-002	20				↓			16	5
~~18807-007~~									
MS 18808-001	X				100ml				
MSD 18808-001	X				↓				
18807-007	1	18			1000ml			18808-001	EFI V5263
18808-001	2				100ml			1	1
18819-002	3				↓			2	2
18820-012		19			530ml			(RACK TC)	
18863-001	~~4~~	20			1000ml				
EFI V5263	X				100ml				
18819-004	4				100ml	5ml	MSL Rack #1	3	3
18819-006	5				↓	↓	↓ ↓	4	4
18819-008	6				↓	↓		5	5
18819-010	7				↓	↓		6	6
18819-012	8				↓	↓		7	7
18819-014	9				↓	↓		8	8
18819-016	10				↓	↓		9	9
18819-018	11				↓	↓		10	10
	~~12~~								
	12								

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

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V4044	(Pest) / PCB / Herb / Other
↓	100	V4707	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	V3166	(Pest / PCB) / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other
			Pest / PCB / Herb / Other

Reagent Lots: MeCL2 057907 Acetone ___ Hexane 44526 Na2SO4 052002 Ether ___

MTBE ___ Other ___

Relinquished By: Alex Stym / MSL
Received By: Kozue

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

Method Blank No. SMB- 7298 Date: 8/7/05

Blank Spike (SMBS): 7278, 7298 PEST Matrix Spike: 18778-011, 18830-011

Blank Spike (SMBS): 7278, 7298 PCB Matrix Spike: 18778-020, 18820-005

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 7298	X	X			20g	10 mL	/ 1,1 / ASE I
MBS 7298	X	X					/ 2,3 /
18807-001	9	14					/ 1 / ASE II
18807-004	10	15					/ 2 /
18807-008	11	16					/ 3 /
18807-014	12	17					/ 4 /
18807-017	13	18					/ 5 /
18807-020	14	19					/ 6 /
18807-023	15	20					/ 7 /
18820-005MS		X					/ 4 / ASE I
18820-005 MSD		X					/ 5 /
18820-005	16	1					/ 6 /
18820-001	17	2					/ 8 / ASE II
18820-002	18	3					/ 9 /
18820-003	19	4					/ 10 /
18820-004	20	5					/ 11 /
18830-001	16						/ 10 / ASE I
18830-002	17						/ 11 /
18830-009	18						/ 12 /
18830-010	19						/ 13 /
18830-012	20						/ 14 /
18830-011MS	X						/ 7 /
18830-011MSD	X						/ 8 /
18830-011	1						/ 9 /
18830-019	2						/ 15 /
18830-020	3						/ 16 /
							/ /
							/ /
							/ /
							/
							/

GJ 8/7/05

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

Spike Standard

Vol (ul's)	Conc. (ppm/~~ppb~~)	Lot No.	
100	100	V-5452	Pest / (PCB) / Herb / Other
100	10	V-4044	PEST

Surrogate Standard

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

Reagent Lots: $MeCL_2$ _____ Acetone 050776 Hexane 044526 Na_2SO_4 _____ Ether ___

MTBE _____ Other _____

Relinquished By: GKN. Date: 8/7/05

Received By: Kosell Date: 8/8/05

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

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

Analysis: Pest / PCB / Herb / Other

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

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

Spike Standard

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

Surrogate Standard

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

Reagent Lots: $MeCl_2$ ___ Acetone DC0776 Hexane D44526 Na_2SO_4 ___ Ether ___
MTBE ___ Other ___

Relinquished By: GN 8/4/05
Received By: ___ Date: 8/4/05
Date: 08/05/05

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18807-001	% Solid:	77	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-39(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.6	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-38-2	Arsenic	2.6	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-39-3	Barium	13	16	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-41-7	Beryllium	0.78	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-43-9	Cadmium	0.78	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-47-3	Chromium	6.5	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-50-8	Copper	6.5	17	100	08/04/05	6229	S6229A	31	P	PEICP1
7439-92-1	Lead	6.5	11	100	08/04/05	6229	S6229A	31	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	08/04/05	6229	H6229S	27	CV	HGCV1
7440-02-0	Nickel	6.5	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7782-49-2	Selenium	2.3	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-22-4	Silver	3.2	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/04/05	6229	S6229A	31	P	PEICP1
7440-66-6	Zinc	13	25	100	08/04/05	6229	S6229A	31	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:	AC18807-002	% Solid:	89	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-39(4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.2	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-38-2	Arsenic	2.2	3.2	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-39-3	Barium	11	29	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-43-9	Cadmium	0.67	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-47-3	Chromium	5.6	13	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-50-8	Copper	5.6	19	100	08/04/05	6229	S6229A	32	P	PEICP1
7439-92-1	Lead	5.6	170	100	08/04/05	6229	S6229A	32	P	PEICP1
7439-97-6	Mercury	0.094	ND	167	08/04/05	6229	H6229S	28	CV	HGCV1
7440-02-0	Nickel	5.6	7.0	100	08/04/05	6229	S6229A	32	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/04/05	6229	S6229A	32	P	PEICP1
7440-66-6	Zinc	11	22	100	08/04/05	6229	S6229A	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:	AC18807-003	% Solid:	63	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-39(11.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	3.2	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-38-2	Arsenic	3.2	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-39-3	Barium	16	150	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-41-7	Beryllium	0.95	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-43-9	Cadmium	0.95	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-47-3	Chromium	7.9	34	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-50-8	Copper	7.9	15	100	08/04/05	6229	S6229A	33	P	PEICP1
7439-92-1	Lead	7.9	10	100	08/04/05	6229	S6229A	33	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/04/05	6229	H6229S	29	CV	HGCV1
7440-02-0	Nickel	7.9	26	100	08/04/05	6229	S6229A	33	P	PEICP1
7782-49-2	Selenium	2.9	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-22-4	Silver	4.0	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-28-0	Thallium	1.9	ND	100	08/04/05	6229	S6229A	33	P	PEICP1
7440-66-6	Zinc	16	68	100	08/04/05	6229	S6229A	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:	AC18807-004	% Solid:	88	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-46(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.3	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-38-2	Arsenic	2.3	7.3	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-39-3	Barium	11	31	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-47-3	Chromium	5.7	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-50-8	Copper	5.7	14	100	08/04/05	6229	S6229A	34	P	PEICP1
7439-92-1	Lead	5.7	6.9	100	08/04/05	6229	S6229A	34	P	PEICP1
7439-97-6	Mercury	0.095	ND	167	08/04/05	6229	H6229S	30	CV	HGCV1
7440-02-0	Nickel	5.7	7.6	100	08/04/05	6229	S6229A	34	P	PEICP1
7782-49-2	Selenium	2.0	2.3	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/04/05	6229	S6229A	34	P	PEICP1
7440-66-6	Zinc	11	15	100	08/04/05	6229	S6229A	34	P	PEICP1

Comments: _____

_____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18807-005	% Solid:	89	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-46(4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.2	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-38-2	Arsenic	2.2	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-39-3	Barium	11	13	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-43-9	Cadmium	0.67	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-47-3	Chromium	5.6	7.2	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-50-8	Copper	5.6	7.5	100	08/04/05	6229	S6229A	35	P	PEICP1
7439-92-1	Lead	5.6	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7439-97-6	Mercury	0.094	ND	167	08/04/05	6229	H6229S	31	CV	HGCV1
7440-02-0	Nickel	5.6	5.7	100	08/04/05	6229	S6229A	35	P	PEICP1
7782-49-2	Selenium	2.0	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/04/05	6229	S6229A	35	P	PEICP1
7440-66-6	Zinc	11	13	100	08/04/05	6229	S6229A	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:	AC18807-006	% Solid:	59	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-46(13.0	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	3.4	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-38-2	Arsenic	3.4	5.1	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-39-3	Barium	17	150	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-47-3	Chromium	8.5	42	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-50-8	Copper	8.5	15	100	08/04/05	6229	S6229A	36	P	PEICP1
7439-92-1	Lead	8.5	13	100	08/04/05	6229	S6229A	36	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/04/05	6229	H6229S	34	CV	HGCV1
7440-02-0	Nickel	8.5	28	100	08/04/05	6229	S6229A	36	P	PEICP1
7782-49-2	Selenium	3.1	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-22-4	Silver	4.2	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/04/05	6229	S6229A	36	P	PEICP1
7440-66-6	Zinc	17	70	100	08/04/05	6229	S6229A	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:	AC18807-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB072805	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/29/2005	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	20	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-38-2	Arsenic	20	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-39-3	Barium	100	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-41-7	Beryllium	6.0	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-43-9	Cadmium	6.0	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-47-3	Chromium	50	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-50-8	Copper	50	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7439-92-1	Lead	50	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7439-97-6	Mercury	0.50	ND	1	08/04/05	6229	H6229S	35	CV	HGCV1
7440-02-0	Nickel	50	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7782-49-2	Selenium	18	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-22-4	Silver	25	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-28-0	Thallium	12	ND	1	08/04/05	6229	S6229A	37	P	PEICP1
7440-66-6	Zinc	100	ND	1	08/04/05	6229	S6229A	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:	AC18807-008	% Solid:	75	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-40(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/05/05	6229	S6229A	40	P	PEICP1
7440-38-2	Arsenic	2.7	3.2	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-39-3	Barium	13	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-41-7	Beryllium	0.80	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-43-9	Cadmium	0.80	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-47-3	Chromium	6.7	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-50-8	Copper	6.7	15	100	08/05/05	6229	S6229A	40	P	PEICP1
7439-92-1	Lead	6.7	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	08/04/05	6229	H6229S	36	CV	HGCV1
7440-02-0	Nickel	6.7	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7782-49-2	Selenium	2.4	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-22-4	Silver	3.3	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/05/05	6229	S6229A	40	P	PEICP1
7440-66-6	Zinc	13	14	100	08/05/05	6229	S6229A	40	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:	AC18807-009	% Solid:	75	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-40(4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/04/05	6229	S6229A	13	P	PEICP1
7440-38-2	Arsenic	2.7	4.5	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-39-3	Barium	13	34	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-41-7	Beryllium	0.80	ND	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-43-9	Cadmium	0.80	ND	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-47-3	Chromium	6.7	ND	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-50-8	Copper	6.7	33	100	08/04/05	6229	S6229A	13	P	PEICP1
7439-92-1	Lead	6.7	73	100	08/04/05	6229	S6229A	13	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	08/04/05	6229	H6229S	13	CV	HGCV1
7440-02-0	Nickel	6.7	8.1	100	08/04/05	6229	S6229A	13	P	PEICP1
7782-49-2	Selenium	2.4	2.9	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-22-4	Silver	3.3	ND	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/04/05	6229	S6229A	13	P	PEICP1
7440-66-6	Zinc	13	42	100	08/04/05	6229	S6229A	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:	AC18807-010	% Solid:	75	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-240(4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/05/05	6229	S6229A	41	P	PEICP1
7440-38-2	Arsenic	2.7	7.3	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-39-3	Barium	13	46	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-41-7	Beryllium	0.80	ND	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-43-9	Cadmium	0.80	ND	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-47-3	Chromium	6.7	9.9	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-50-8	Copper	6.7	73	100	08/05/05	6229	S6229A	41	P	PEICP1
7439-92-1	Lead	6.7	97	100	08/05/05	6229	S6229A	41	P	PEICP1
7439-97-6	Mercury	0.11	0.13	167	08/04/05	6229	H6229S	37	CV	HGCV1
7440-02-0	Nickel	6.7	11	100	08/05/05	6229	S6229A	41	P	PEICP1
7782-49-2	Selenium	2.4	3.2	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-22-4	Silver	3.3	ND	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/05/05	6229	S6229A	41	P	PEICP1
7440-66-6	Zinc	13	56	100	08/05/05	6229	S6229A	41	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:	AC18807-011	% Solid:	79	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-40(4')MS	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.5	37	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-38-2	Arsenic	2.5	68	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-39-3	Barium	13	98	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-41-7	Beryllium	0.76	60	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-43-9	Cadmium	0.76	61	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-47-3	Chromium	6.3	71	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-50-8	Copper	6.3	100	100	08/04/05	6229	S6229A	15	P	PEICP1
7439-92-1	Lead	6.3	140	100	08/04/05	6229	S6229A	15	P	PEICP1
7439-97-6	Mercury	0.11	2.2	167	08/04/05	6229	H6229S	15	CV	HGCV1
7440-02-0	Nickel	6.3	72	100	08/04/05	6229	S6229A	15	P	PEICP1
7782-49-2	Selenium	2.3	63	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-22-4	Silver	3.2	56	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-28-0	Thallium	1.5	50	100	08/04/05	6229	S6229A	15	P	PEICP1
7440-66-6	Zinc	13	130	100	08/04/05	6229	S6229A	15	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:	AC18807-012	% Solid:	78	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-40(4')MSD	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.6	38	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-38-2	Arsenic	2.6	74	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-39-3	Barium	13	120	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-41-7	Beryllium	0.77	63	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-43-9	Cadmium	0.77	64	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-47-3	Chromium	6.4	90	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-50-8	Copper	6.4	130	100	08/04/05	6229	S6229A	16	P	PEICP1
7439-92-1	Lead	6.4	150	100	08/04/05	6229	S6229A	16	P	PEICP1
7439-97-6	Mercury	0.11	2.3	167	08/04/05	6229	H6229S	16	CV	HGCV1
7440-02-0	Nickel	6.4	81	100	08/04/05	6229	S6229A	16	P	PEICP1
7782-49-2	Selenium	2.3	65	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-22-4	Silver	3.2	59	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-28-0	Thallium	1.5	52	100	08/04/05	6229	S6229A	16	P	PEICP1
7440-66-6	Zinc	13	130	100	08/04/05	6229	S6229A	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:	AC18807-013	% Solid:	63	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-40(10.5')	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	3.2	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-38-2	Arsenic	3.2	7.1	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-39-3	Barium	16	89	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-41-7	Beryllium	0.95	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-43-9	Cadmium	0.95	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-47-3	Chromium	7.9	46	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-50-8	Copper	7.9	25	100	08/04/05	6229	S6229A	20	P	PEICP1
7439-92-1	Lead	7.9	30	100	08/04/05	6229	S6229A	20	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/04/05	6229	H6229S	17	CV	HGCV1
7440-02-0	Nickel	7.9	22	100	08/04/05	6229	S6229A	20	P	PEICP1
7782-49-2	Selenium	2.9	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-22-4	Silver	4.0	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-28-0	Thallium	1.9	ND	100	08/04/05	6229	S6229A	20	P	PEICP1
7440-66-6	Zinc	16	90	100	08/04/05	6229	S6229A	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:	AC18807-014	% Solid:	72	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-31(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.8	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-38-2	Arsenic	2.8	3.0	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-39-3	Barium	14	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-41-7	Beryllium	0.83	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-43-9	Cadmium	0.83	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-47-3	Chromium	6.9	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-50-8	Copper	6.9	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7439-92-1	Lead	6.9	7.6	100	08/04/05	6229	S6229A	22	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/04/05	6229	H6229S	18	CV	HGCV1
7440-02-0	Nickel	6.9	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-22-4	Silver	3.5	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/04/05	6229	S6229A	22	P	PEICP1
7440-66-6	Zinc	14	ND	100	08/04/05	6229	S6229A	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:	AC18807-015	% Solid:	74	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-31(3.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	3.5	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-38-2	Arsenic	2.7	50	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-39-3	Barium	14	410	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-41-7	Beryllium	0.81	ND	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-43-9	Cadmium	0.81	ND	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-47-3	Chromium	6.8	14	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-50-8	Copper	6.8	250	100	08/04/05	6229	S6229A	23	P	PEICP1
7439-92-1	Lead	6.8	2700	100	08/04/05	6229	S6229A	23	P	PEICP1
7439-97-6	Mercury	0.11	1.4	167	08/04/05	6229	H6229S	19	CV	HGCV1
7440-02-0	Nickel	6.8	17	100	08/04/05	6229	S6229A	23	P	PEICP1
7782-49-2	Selenium	2.4	7.6	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-22-4	Silver	3.4	ND	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/04/05	6229	S6229A	23	P	PEICP1
7440-66-6	Zinc	14	610	100	08/04/05	6229	S6229A	23	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:	AC18807-016	% Solid:	65	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-31(10.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/04/05	6229	S6229A	24	P	PEICP1
7440-38-2	Arsenic	3.1	7.0	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-39-3	Barium	15	77	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-41-7	Beryllium	0.92	ND	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-43-9	Cadmium	0.92	ND	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-47-3	Chromium	7.7	42	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-50-8	Copper	7.7	17	100	08/04/05	6229	S6229A	24	P	PEICP1
7439-92-1	Lead	7.7	23	100	08/04/05	6229	S6229A	24	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/04/05	6229	H6229S	22	CV	HGCV1
7440-02-0	Nickel	7.7	20	100	08/04/05	6229	S6229A	24	P	PEICP1
7782-49-2	Selenium	2.8	ND	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-22-4	Silver	3.8	ND	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/04/05	6229	S6229A	24	P	PEICP1
7440-66-6	Zinc	15	89	100	08/04/05	6229	S6229A	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:	AC18807-017	% Solid:	75	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-32(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/04/05	6229	S6229A	25	P	PEICP1
7440-38-2	Arsenic	2.7	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-39-3	Barium	13	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-41-7	Beryllium	0.80	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-43-9	Cadmium	0.80	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-47-3	Chromium	6.7	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-50-8	Copper	6.7	9.3	100	08/04/05	6229	S6229A	25	P	PEICP1
7439-92-1	Lead	6.7	7.0	100	08/04/05	6229	S6229A	25	P	PEICP1
7439-97-6	Mercury	0.11	ND	167	08/04/05	6229	H6229S	23	CV	HGCV1
7440-02-0	Nickel	6.7	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7782-49-2	Selenium	2.4	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-22-4	Silver	3.3	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/04/05	6229	S6229A	25	P	PEICP1
7440-66-6	Zinc	13	22	100	08/04/05	6229	S6229A	25	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:	AC18807-018	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-32(3.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.2	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-38-2	Arsenic	2.2	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-39-3	Barium	11	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-47-3	Chromium	5.4	7.4	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-50-8	Copper	5.4	7.6	100	08/04/05	6229	S6229A	26	P	PEICP1
7439-92-1	Lead	5.4	8.1	100	08/04/05	6229	S6229A	26	P	PEICP1
7439-97-6	Mercury	0.090	ND	167	08/04/05	6229	H6229S	24	CV	HGCV1
7440-02-0	Nickel	5.4	6.0	100	08/04/05	6229	S6229A	26	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/04/05	6229	S6229A	26	P	PEICP1
7440-66-6	Zinc	11	28	100	08/04/05	6229	S6229A	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:	AC18807-019	% Solid:	50	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-32(11.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	4.0	ND	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-38-2	Arsenic	4.0	28	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-39-3	Barium	20	240	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-41-7	Beryllium	1.2	ND	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-43-9	Cadmium	1.2	ND	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-47-3	Chromium	10	390	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-50-8	Copper	10	220	100	08/04/05	6229	S6229A	27	P	PEICP1
7439-92-1	Lead	10	290	100	08/04/05	6229	S6229A	27	P	PEICP1
7439-97-6	Mercury	0.17	3.0	167	08/04/05	6229	H6229S	25	CV	HGCV1
7440-02-0	Nickel	10	36	100	08/04/05	6229	S6229A	27	P	PEICP1
7782-49-2	Selenium	3.6	5.5	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-22-4	Silver	5.0	ND	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-28-0	Thallium	2.4	ND	100	08/04/05	6229	S6229A	27	P	PEICP1
7440-66-6	Zinc	20	640	100	08/04/05	6229	S6229A	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:	AC18807-020	% Solid:	80	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-33(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.5	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-39-3	Barium	12	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-41-7	Beryllium	0.75	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-43-9	Cadmium	0.75	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-47-3	Chromium	6.2	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-50-8	Copper	6.2	11	100	08/04/05	6229	S6229A	30	P	PEICP1
7439-92-1	Lead	6.2	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7439-97-6	Mercury	0.10	ND	167	08/04/05	6229	H6229S	26	CV	HGCV1
7440-02-0	Nickel	6.2	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7782-49-2	Selenium	2.2	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-22-4	Silver	3.1	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-28-0	Thallium	1.5	ND	100	08/04/05	6229	S6229A	30	P	PEICP1
7440-66-6	Zinc	12	14	100	08/04/05	6229	S6229A	30	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:	AC18807-021	% Solid:	94	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-33(4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	08/04/05	6230	S6230A	29	P	PEICP1
7440-38-2	Arsenic	2.1	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-39-3	Barium	11	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-41-7	Beryllium	0.64	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-43-9	Cadmium	0.64	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-47-3	Chromium	5.3	7.7	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-50-8	Copper	5.3	8.4	100	08/04/05	6230	S6230A	29	P	PEICP1
7439-92-1	Lead	5.3	11	100	08/04/05	6230	S6230A	29	P	PEICP1
7439-97-6	Mercury	0.089	ND	167	08/04/05	6230	H6230S	23	CV	HGCV1
7440-02-0	Nickel	5.3	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/04/05	6230	S6230A	29	P	PEICP1
7440-66-6	Zinc	11	20	100	08/04/05	6230	S6230A	29	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:	AC18807-022	% Solid:	66	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-33(11.5	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	3.0	ND	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-38-2	Arsenic	3.0	4.8	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-39-3	Barium	15	72	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-41-7	Beryllium	0.91	ND	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-43-9	Cadmium	0.91	ND	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-47-3	Chromium	7.6	37	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-50-8	Copper	7.6	16	100	08/04/05	6230	S6230A	30	P	PEICP1
7439-92-1	Lead	7.6	17	100	08/04/05	6230	S6230A	30	P	PEICP1
7439-97-6	Mercury	0.13	ND	167	08/04/05	6230	H6230S	24	CV	HGCV1
7440-02-0	Nickel	7.6	21	100	08/04/05	6230	S6230A	30	P	PEICP1
7782-49-2	Selenium	2.7	2.8	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-22-4	Silver	3.8	ND	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/04/05	6230	S6230A	30	P	PEICP1
7440-66-6	Zinc	15	67	100	08/04/05	6230	S6230A	30	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:	AC18807-023	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-41(0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.2	14	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-38-2	Arsenic	2.2	13	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-39-3	Barium	11	88	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-41-7	Beryllium	0.65	0.68	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-43-9	Cadmium	0.65	2.5	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-47-3	Chromium	5.4	59	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-50-8	Copper	5.4	120	100	08/04/05	6230	S6230A	31	P	PEICP1
7439-92-1	Lead	5.4	930	100	08/04/05	6230	S6230A	31	P	PEICP1
7439-97-6	Mercury	0.091	1.6	167	08/04/05	6230	H6230S	25	CV	HGCV1
7440-02-0	Nickel	5.4	39	100	08/04/05	6230	S6230A	31	P	PEICP1
7782-49-2	Selenium	2.0	3.3	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/04/05	6230	S6230A	31	P	PEICP1
7440-66-6	Zinc	11	290	100	08/04/05	6230	S6230A	31	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:	AC18807-024	% Solid:	81	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-41(3.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.5	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-38-2	Arsenic	2.5	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-39-3	Barium	12	59	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-41-7	Beryllium	0.74	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-43-9	Cadmium	0.74	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-47-3	Chromium	6.2	13	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-50-8	Copper	6.2	16	100	08/04/05	6230	S6230A	32	P	PEICP1
7439-92-1	Lead	6.2	60	100	08/04/05	6230	S6230A	32	P	PEICP1
7439-97-6	Mercury	0.10	0.11	167	08/04/05	6230	H6230S	26	CV	HGCV1
7440-02-0	Nickel	6.2	12	100	08/04/05	6230	S6230A	32	P	PEICP1
7782-49-2	Selenium	2.2	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-22-4	Silver	3.1	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-28-0	Thallium	1.5	ND	100	08/04/05	6230	S6230A	32	P	PEICP1
7440-66-6	Zinc	12	130	100	08/04/05	6230	S6230A	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:	AC18807-025	% Solid:	68	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-41(9.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/29/2005	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	2.9	ND	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-38-2	Arsenic	2.9	ND	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-39-3	Barium	15	130	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-41-7	Beryllium	0.88	0.90	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-43-9	Cadmium	0.88	ND	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-47-3	Chromium	7.4	34	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-50-8	Copper	7.4	12	100	08/04/05	6230	S6230A	33	P	PEICP1
7439-92-1	Lead	7.4	27	100	08/04/05	6230	S6230A	33	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/04/05	6230	H6230S	27	CV	HGCV1
7440-02-0	Nickel	7.4	26	100	08/04/05	6230	S6230A	33	P	PEICP1
7782-49-2	Selenium	2.6	2.9	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-22-4	Silver	3.7	ND	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/04/05	6230	S6230A	33	P	PEICP1
7440-66-6	Zinc	15	60	100	08/04/05	6230	S6230A	33	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: 08/04/05
Data File: S6229A
Prep Batch: 6229
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	Spk Amt	ICV V-4847 (2)-6	Rec	CCV V-4510-18	Rec	CCV V-4510-28	Rec	CCV V-4510-38	Rec	CCV V-4510-46	Rec		Rec		Rec		Rec
Antimony	.5	1.00917	101	0.50390	101	0.51192	102	0.51873	104	0.51980	104						
Arsenic	.5	1.01995	102	0.51386	103	0.52186	104	0.53355	107	0.53585	107						
Barium	.5	1.02233	102	0.52174	104	0.53367	107	0.55184	110	0.55180	110						
Beryllium	.5	1.00137	100	0.49860	100	0.49585	99	0.49278	99	0.48894	98						
Cadmium	.5	1.00126	100	0.50473	101	0.50305	101	0.50116	100	0.49767	100						
Chromium	.5	1.01991	102	0.50693	101	0.51655	103	0.52913	106	0.53107	106						
Copper	.5	1.01126	101	0.50665	101	0.51774	104	0.52852	106	0.53409	107						
Lead	.5	1.01531	102	0.50814	102	0.51185	102	0.51695	103	0.51493	103						
Nickel	.5	1.01315	101	0.51164	102	0.52272	105	0.53740	107	0.54007	108						
Selenium	.5	1.00580	101	0.50055	100	0.49814	100	0.50269	101	0.49879	100						
Silver	.5	0.99720	100	0.48236	96	0.48320	97	0.48526	97	0.48234	96						
Thallium	.5	1.01235	101	0.49163	98	0.48446	97	0.48480	97	0.47349	95						
Zinc	.5	1.01471	101	0.50292	101	0.50153	100	0.50023	100	0.49653	99						

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: 08/04/05
Data File: S6230A
Prep Batch: 6230
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	Spk Amt	ICV V-4847 (2)-6	Rec	CCV V-4510-18	Rec	CCV V-4510-27	Rec	CCV V-4510-39	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Antimony	.5	0.99096	99	0.50660	101	0.50721	101	0.50566	101							
Arsenic	.5	0.99310	99	0.51052	102	0.51817	104	0.51493	103							
Barium	.5	1.00746	101	0.52174	104	0.53054	106	0.52743	105							
Beryllium	.5	0.98978	99	0.50394	101	0.50477	101	0.50242	100							
Cadmium	.5	0.99063	99	0.50801	102	0.51179	102	0.50913	102							
Chromium	.5	1.00916	101	0.50568	101	0.51879	104	0.51040	102							
Cobalt	.5	1.00789	101	0.50120	100	0.50463	101	0.50313	101							
Copper	.5	0.99506	100	0.50368	101	0.50938	102	0.50680	101							
Lead	.5	0.98991	99	0.50612	101	0.51296	103	0.51097	102							
Manganese	.5	0.98404	98	0.51475	103	0.51607	103	0.51368	103							
Nickel	.5	0.98863	99	0.50340	101	0.51209	102	0.50915	102							
Selenium	.5	0.99505	100	0.50071	100	0.50412	101	0.50385	101							
Silver	.5	0.99374	99	0.48468	97	0.48514	97	0.48335	97							
Thallium	.5	0.99097	99	0.49884	100	0.49592	99	0.49549	99							
Vanadium	.5	0.97830	98	0.50460	101	0.50713	101	0.50542	101							
Zinc	.5	0.99678	100	0.50618	101	0.52227	104	0.51085	102							

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

Qc Limits:
ICV - EPA600 : 95-105
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: 08/04/05
Data File: H6229S
Prep Batch: 6229
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	Spk Amt	ICV 1183 (2)-8	Rec	CCV-20	Rec	CCV-32	Rec	CCV-40	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	10	21.4713	107 b	10.3308	103	10.3446	103	10.2819	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: 08/04/05
Data File: H6230S
Prep Batch: 6230
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	Spk Amt	ICV 1183 (2)-8	Rec	CCV-20	Rec	CCV-31	Rec		Rec		Rec		Rec		Rec		Rec
Mercury	10	21.1752	106 b	10.3174	103	10.3053	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 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/04/05
Data File: S6229A
Prep Batch: 6229
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	ICB V-5157-7	CCB-19	CCB-29	CCB-39	CCB-47	MB 6229 (100)-10	MB FB (1)-42	
Antimony	.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	2 U	.02 U	
Barium	.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	.6 U	.006 U	
Cadmium	.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	5 U	.05 U	
Copper	.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	5 U	.05 U	
Nickel	.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	1.8 U	.018 U	
Silver	.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	1.2 U	.012 U	
Zinc	.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: 08/04/05
Data File: S6230A
Prep Batch: 6230
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	ICB V-5157-7	CCB-19	CCB-28	CCB-40	MB 6230 (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			
Cobalt	.025 U	.025 U	.025 U	.025 U	2.5 U			
Copper	.05 U	.05 U	.05 U	.05 U	5 U			
Lead	.05 U	.05 U	.05 U	.05 U	5 U			
Manganese	.1 U	.1 U	.1 U	.1 U	10 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			
Vanadium	.1 U	.1 U	.1 U	.1 U	10 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: 08/04/05
Data File: H6229S
Prep Batch: 6229
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	ICB-9	CCB-21	CCB-33	CCB-41	MB 6229 (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 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/04/05
Data File: H6230S
Prep Batch: 6230
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

Analyte	ICB-9	CCB-21	CCB-32	MB 6230 (167)-10				
Mercury	.5 U	.5 U	.5 U	84 U				

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

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 08/04/05
Data File: S6229A
Prep Batch: 6229
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: ppm
Project Number: 5072821

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

Analyte	Spk Amt	ICSA V-4505-8	Rec	ICSAB V-4506-9	Rec	ICSA V-4505-44	Rec	ICSAB V-4506-45	Rec	Rec	Rec	Rec	Rec
Aluminum	500	459.6609	92	458.73200	92	465.1533	93	464.85080	93				
Antimony	1	U		0.97975	98	U		1.01687	102				
Arsenic	1	U		1.01163	101	U		1.05909	106				
Barium	.5	U		0.47395	95	U		0.50720	101				
Beryllium	.5	U		0.47973	96	-.0061952b		0.46592	93				
Cadmium	1	U		0.92980	93	U		0.91592	92				
Calcium	500	450.0959	90	449.62590	90	428.5432	86	427.96220	86				
Chromium	.5	U		0.47395	95	U		0.50036	100				
Copper	.5	U		0.50606	101	U		0.54694	109				
Iron	200	179.945	90	179.09430	90	181.0075	91	181.77910	91				
Lead	1	U		0.95690	96	U		0.96647	97				
Magnesiu	500	504.2109	101	504.33000	101	487.689	98	486.95520	97				
Nickel	1	U		0.94323	94	U		1.00516	101				
Selenium	1	U		0.94706	95	U		0.94024	94				
Silver	1	U		1.01849	102	U		1.02315	102				
Thallium	1	U		0.95384	95	U		0.92021	92				
Zinc	1	U		0.87939	88	U		0.86112	86				

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: 08/04/05
Data File: S6230A
Prep Batch: 6230
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: ppm
Project Number: 5072821

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

Analyte	Spk Amt	ICSA V-4505-8	Rec	ICSAB V-4506-9	Rec	ICSA V-4505-25	Rec	ICSAB V-4506-26	Rec	ICSA V-4505-37	Rec	ICSAB V-4506-38	Rec		Rec		Rec
Aluminum	500	456.3756	91	454.78840	91	461.8122	92	459.54610	92	462.2411	92	462.81030	93				
Antimony	1	U		0.97047	97	U		0.98346	98	U		0.98208	98				
Arsenic	1	U		1.00189	100	U		1.01015	101	U		1.01526	102				
Barium	.5	U		0.47398	95	U		0.48554	97	U		0.48760	98				
Beryllium	.5	U		0.47722	95	U		0.47938	96	U		0.48098	96				
Cadmium	1	U		0.91752	92	U		0.93029	93	U		0.93161	93				
Calcium	500	444.7108	89	444.12410	89	448.2468	90	445.18480	89	446.7134	89	447.62270	90				
Chromium	.5	U		0.47510	95	U		0.48020	96	U		0.48233	96				
Cobalt	.5	U		0.46291	93	U		0.46789	94	U		0.46772	94				
Copper	.5	U		0.49817	100	U		0.50689	101	U		0.50775	102				
Iron	200	177.1944	89	177.21340	89	179.7113	90	179.50530	90	178.896	89	179.75720	90				
Lead	1	U		0.94634	95	U		0.95623	96	U		0.96246	96				
Magnesiu	500	501.4133	100	500.29150	100	506.9087	101	503.15460	101	504.8339	101	505.70230	101				
Manganes	.5	U		0.46689	93	U		0.47007	94	U		0.47162	94				
Nickel	1	U		0.93683	94	U		0.94947	95	U		0.94999	95				
Selenium	1	U		0.95014	95	U		0.95513	96	U		0.95790	96				
Silver	1	U		1.00266	100	U		1.01072	101	U		1.01467	101				
Thallium	1	U		0.94513	95	U		0.94614	95	U		0.94351	94				
Vanadium	.5	U		0.45801	92	U		0.46452	93	U		0.46598	93				
Zinc	1	U		0.87692	88	U		0.88803	89	U		0.88542	89				

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

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 08/04/05
Data File: S6229A
Prep Batch: 6229
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821
MATRIX SPIKE SOURCE: VHG LABS

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil Aq	LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18807-009-13	AC18807-011-15-1X	%REC OR Conc	AC18807-012-16-1X	%REC OR Conc	LCS 100-11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	LCSW-43-1X	%REC OR Conc
Antimony	.5000	0.500	75 - 125	0.02 U	0.2920894	58 a	0.2944357	59 a	0.4919184	.492	0.4959189	.496	0.5081290	102
Arsenic	.5000	0.500	75 - 125	0.0336695	0.5399369	101	0.5740304	108	0.4949661	.495	0.4959247	.496	0.5178271	104
Barium	.5000	0.500	75 - 125	0.25424103	0.7722299	104	0.9074794	131 a	0.5046507	.505	0.5069909	.507	0.5398443	108
Beryllium	.5000	0.500	75 - 125	0.006 U	0.4768086	95	0.4913236	98	0.4885244	.489	0.4861209	.486	0.4767409	95
Cadmium	.5000	0.500	75 - 125	0.006 U	0.4838976	97	0.4988047	100	0.4986257	.499	0.4959354	.496	0.4906320	98
Chromium	.5000	0.500	75 - 125	0.05 U	0.5607248	112	0.7040088	141 a	0.5006770	.501	0.5093117	.509	0.5264050	105
Copper	.5000	0.500	75 - 125	0.24561933	0.7966000	110	1.0017130	151 a	0.4989018	.499	0.5004969	.5	0.5308770	106
Lead	.5000	0.500	75 - 125	0.54523083	1.0724276	105	1.1930583	130 a	0.4987061	.499	0.4987334	.499	0.5083479	102
Nickel	.5000	0.500	75 - 125	0.06041023	0.5698662	102	0.6331101	115	0.5013816	.501	0.5052459	.505	0.5342880	107
Selenium	.5000	0.500	75 - 125	0.02172623	0.4963431	95	0.5103319	98	0.4679142	.468	0.4684416	.468	0.4681193	94
Silver	.5000	0.500	75 - 125	0.025 U	0.4454991	89	0.4624781	92	0.4661882	.466	0.4645141	.465	0.4646044	93
Thallium	.5000	0.500	75 - 125	0.012 U	0.3979328	80	0.4023120	80	0.4825060	.483	0.4800037	.48	0.4652585	93
Zinc	.5000	0.500	75 - 125	0.31434008	1.0531774	148 a	0.9964899	136 a	0.5082945	.508	0.5020052	.502	0.494221	99

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: 08/04/05
Data File: S6230A
Prep Batch: 6230
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821
MATRIX SPIKE SOURCE: VHG LABS

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil Aq	LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18853-004-13		AC18853-004-15-1X	%REC OR Conc	AC18853-004-16-1X	%REC OR Conc	LCS 100-11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	%REC OR Conc
Antimony	.5000	.500	.3726 - .6274	0.02	U	0.3312319	66 a	0.3292029	66 a	0.4753809	.475	0.4824619	.482	
Arsenic	.5000	.500	.3726 - .6274	0.04061926		0.5074568	93	0.5121989	94	0.4758782	.476	0.4892851	.489	
Barium	.5000	.500	.3726 - .6274	0.68994089		1.1583751	94	1.2485880	112	0.4933342	.493	0.5018025	.502	
Beryllium	.5000	.500	.3726 - .6274	0.006	U	0.4643927	93	0.4703738	94	0.4748143	.475	0.4826731	.483	
Cadmium	.5000	.500	.3726 - .6274	0.006	U	0.4571129	91	0.4754707	95	0.4828023	.483	0.4912963	.491	
Chromium	.5000	.500	.3726 - .6274	0.30655057		0.6654462	72 a	0.7069549	80	0.4849876	.485	0.4953187	.495	
Cobalt	.5000	.500	.3726 - .6274	0.10783209		0.5355603	86	0.5657467	92	0.4785348	.479	0.4868305	.487	
Copper	.5000	.500	.3726 - .6274	0.30110335		0.7705270	94	0.7889510	98	0.4828629	.483	0.4889045	.489	
Lead	.5000	.500	.3726 - .6274	0.61630786		1.0308004	83	1.1967445	116	0.4800838	.48	0.4881125	.488	
Manganese	.5000	.500	.3726 - .6274	2.50038162		2.7938666	59 b	3.9889050	298 b	0.4898364	.49	0.4991567	.499	
Nickel	.5000	.500	.3726 - .6274	0.88665746		0.9871309	20 a	1.0882884	40 a	0.4825824	.483	0.4928544	.493	
Selenium	.5000	.500	.3726 - .6274	0.02034721		0.4579372	88	0.4642982	89	0.4591295	.459	0.4668404	.467	
Silver	.5000	.500	.3726 - .6274	0.025	U	0.4715254	94	0.4679346	94	0.4588464	.459	0.4676867	.468	
Thallium	.5000	.500	.3726 - .6274	0.012	U	0.4579473	92	0.4658001	93	0.4643403	.464	0.4769904	.477	
Vanadium	.5000	.500	.3726 - .6274	0.19358389		0.6688880	95	0.6649384	94	0.4798285	.48	0.4884934	.488	
Zinc	.5000	.500	.3726 - .6274	0.73731359		1.1394578	80	1.2497048	102	0.4900015	.49	0.4978864	.498	

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: 08/04/05
Data File: H6229S
Prep Batch: 6229
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821
MATRIX SPIKE SOURCE: VHG LABS

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil Aq	LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18807-009-13	AC18807-011-15-1X	%REC OR Conc	AC18807-012-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc	LCSW-39-1X	%REC OR Conc
Mercury	10	10	75 - 125	0.5 U	10.583599	106	10.870862	109	10.192179	10.2	10.232935	10.2	10.222800	102

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: 08/04/05
Data File: H6230S
Prep Batch: 6230
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821
MATRIX SPIKE SOURCE: VHG LABS

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

Analyte	Spike Amts: MS-Tclp MS-Aq MS-soil	Spike Amts: LCS Soil Aq	LCS Soil/Aqueous Rec Limits	Non Spike Conc AC18853-004-13	AC18853-004-15-1X	%REC OR Conc	AC18853-004-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc		%REC OR Conc
Mercury	10	10.00	7.50 - 12.5	0.55220145	10.816761	103	10.954443	104	10.172957	10.2	10.221771	10.2		

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: 08/04/05
Data File: S6229A
Prep Batch: 6229
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC18807-009-13	AC18807-009-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18807-013-20	AC18807-013-21	%Diff
Antimony	<=20	<=10	0.02 U	0.02453747	---				0.00829457	0.01317145	59 Sb
Arsenic	<=20	<=10	0.03366950	0.07590308	77 Nb				0.04446597	0.0345587	22 Sb
Barium	<=20	<=10	0.25424103	0.32792532	25 Nb				0.55934274	0.56511665	1
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00089342	0.0002395 U	---
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.000118 U	0.00059 U	---
Chromium	<=20	<=10	0.05 U	0.10285941	---				0.29020582	0.2974777	2.5
Copper	<=20	<=10	0.24561933	0.62044156	87 Na	0.49890181	0.50049699	.32	0.15980225	0.1629205	2
Lead	<=20	<=10	0.54523083	0.73910753	30 Na	0.49870618	0.49873347	.0055	0.19164952	0.19830375	3.5
Nickel	<=20	<=10	0.06041023	0.10111712	50 Nb				0.13923590	0.14855455	6.7
Selenium	<=20	<=10	0.02172623	0.03385848	44 Nb				0.01729220	0.015476	11 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	0.31434008	1.02868221	106 Na	0.50829450	0.50200528	1.2	0.56516291	0.5572605	1.4

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: 08/04/05
Data File: S6230A
Prep Batch: 6230
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC18853-004-13	AC18853-004-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18855-001-20	AC18855-001-21	%Diff
Antimony	<=20	<=10	0.02 U	0.02 U	---				0.00486775	0.01005 U	---
Arsenic	<=20	<=10	0.04061926	0.04765518	16				0.09976398	0.0736019	26 Sb
Barium	<=20	<=10	0.68994089	0.70649935	2.4				1.37251098	1.3620431	0.76
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00455407	0.0002395 U	---
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.00250003	0.00350605	40 Sb
Chromium	<=20	<=10	0.30655057	0.20590809	39 Nb				0.12659270	0.08494765	33 Sa
Cobalt	<=20	<=10	0.10783209	0.10291976	4.7				0.05858302	0.04427985	24 Sa
Copper	<=20	<=10	0.30110335	0.28982549	3.8				0.52404795	0.50482265	3.7
Lead	<=20	<=10	0.61630786	0.62791410	1.9				3.74723061	3.6558554	2.4
Manganese	<=20	<=10	2.50038162	2.88427588	14				2.05723998	2.05834455	0.054
Nickel	<=20	<=10	0.88665746	0.62582717	34 Na	0.48258242	0.49285449	2.1	0.16341025	0.1679998	2.8
Selenium	<=20	<=10	0.02034721	0.02008457	1.3				0.03041405	0.02563025	16 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	---
Vanadium	<=20	<=10	0.19358389	0.20343149	5				0.15488002	0.12808395	17 Sa
Zinc	<=20	<=10	0.73731359	0.77901790	5.5				2.52001873	2.52732775	0.29

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: 08/04/05
Data File: H6229S
Prep Batch: 6229
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC18807-009-13	AC18807-009-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	.5 U	0.64051858	---						

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: 08/04/05
Data File: H6230S
Prep Batch: 6230
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5072821

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

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC18853-004-13	AC18853-004-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	0.55220145	0.68422008	21 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

Metal Data
Verification of Instrument Parameters

MDL / RL SUMMARY
SOIL
PE ICP 1

ELEMENT	MDL	Reporting Limits (Mg/Kg)
Al	0.0546	200
Sb	0.00237	2
As	0.00454	2
Ba	0.00531	10
Be	0.000557	0.6
Cd	0.000898	0.6
Ca	0.279	1000
Cr	0.00488	5
Co	0.00218	2.5
Cu	0.00369	5
Fe	0.0771	200
Pb	0.00279	5
Mg	0.0563	500
Mn	0.0151	10
Mo	0.00166	2.5
Ni	0.00643	5
Se	0.00496	1.8
Ag	0.00148	2.5
Tl	0.00363	1.2
Sn	0.0101	5.7
Ti	0.0725	35
V	0.00164	10
Zn	0.0139	10

MDL'S Run: 6/13/05
Divide RL by 100 for CCB values

HGCV1
IDL / MDL / RL
SUMMARY

Element: Mercury
Instrument: PE FIMS 100
Technique: CV

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

Bath IDL/MDL 600 Series	METHOD	IDL (ppb)	Date Completed	MDL (ppb)	Date Completed	RL (ppb)
H2O	245.1	0.091	3/14/2005	0.16	3/17/2005	0.20
H2O CLP	245.1	0.091	3/14/2005	0.105	3/18/2005	0.200
SW846						
H2O	7470A	0.079	3/14/2005	0.15	3/17/2005	0.70
SOIL	7471 A	0.079	3/14/2005	0.20	3/17/2005	0.50
SOIL CLP	7471A	0.079	3/14/2005	0.166	3/16/2005	0.20
TCLP	7470A	0.079	3/14/2005	0.14	3/17/2005	0.70
SPLP	7470A	0.079	3/14/2005	0.34	3/17/2005	0.70
TOTAL LAMP	7471A	1.94	3/14/2005	2.09	5/17/2002	10

Block IDL/MDL 600 Series	METHOD	(ppb)	Completed	(ppb)	Completed	(ppb)
H2O	245.1	0.091	3/14/2005	0.12	3/16/2005	0.20
H2O CLP	245.1	0.091	3/14/2005	0.133	3/15/2005	0.200
SW846						
H2O	7470A	0.079	3/14/2005	0.13	3/16/2005	0.70
SOIL	7471 A	0.079	3/14/2005	0.087	3/14/2005	0.50
SOIL CLP	7471A	0.079	3/14/2005	0.117	3/15/2005	0.200
TCLP	7470A	0.079	3/14/2005	0.32	3/15/2005	0.70
SPLP	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

ELEMENT	LINEAR RANGE (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

Cd, Be, Ca, Mg and Pb were run on 1/14/05. All the other elements were run on 1/13/05

Metal Data
Raw Data

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 704

Description
3001 Silica Gel

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
EM	7734-7	TA1228634	06/28/04	06/27/07	dave	1	2500		

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1104050	09/16/04	09/15/05	dave	60	2.5		

Veritech Control/Receipt Number: 1141

Description
Hydrogen Peroxide 30%

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H325-4	043205	05/24/05	05/23/06	Miller,Gael E.	2	4 liter	neat	neat

Veritech Control/Receipt Number: 1142

Description
Hydrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4104120	05/19/05	05/18/06	Miller,Gael E.	18	2.5 lit	neat	neat

Veritech Control/Receipt Number: 1237

Description
ICV1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#5	011000A	06/30/05	06/29/06	Miller,Gael E.	2	500	VARIOU	UG/ML

Veritech Control/Receipt Number: 1238

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#6	011000B	06/30/05	06/29/06	Miller,Gael E.	2	500	VARIOU	UG/ML

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-1613

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 3/14/2005
Expiration Date: 9/10/2005
Department: Metals
BatchNumber:
Concentration: reagent
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
Description: 5% Potassium Permanganate
Prep Date: 4/22/2005
Expiration Date: 1/6/2008
Department: Metals
BatchNumber:
Concentration: reagent
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
Description: 5% Potassium Persulfate
Prep Date: 4/22/2005
Expiration Date: 10/19/2005
Department: Metals
BatchNumber:
Concentration: reagent
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-5280

Prepared By: Soules, John
Description: Hg intermediate standard
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-552
Concentration: 10 ppm
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-5281

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-552
Concentration: 10 ppm
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

Veritech Lot Number: V-5282

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-552
Concentration: reagent
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-5303

Prepared By: Soules, John
Description: SnCl2
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: reagent reagent
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-5304

Prepared By: Soules, John
Description: Hg aqueous ICV 20ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 20 ppb
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-5281	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-5305

Prepared By: Soules, John
Description: Hg aqueous CCV 10ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 10 ppb
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-5281	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

Veritech Lot Number: V-5306

Prepared By: Soules, John
Description: Hg aqueous standard blk
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 0
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	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5307

Prepared By: Soules, John
Description: Hg aqueous standard .5ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: .5 ppb
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-5280	Hg intermediate standard	.05 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-5308

Prepared By: Soules, John
Description: Hg aqueous standard 1ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 1 ppb
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-5280	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-5309

Prepared By: Soules, John
Description: Hg aqueous standard 2 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 2 ppb
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-5280	Hg intermediate standard	.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 Internally Prepared Standard Log

Veritech Lot Number: V-5310

Prepared By: Soules, John
Description: Hg aqueous standard 5ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 5 ppb
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-5280	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-5311

Prepared By: Soules, John
Description: Hg aqueous standard 10 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 10 ppb
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-5280	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-5312

Prepared By: Soules, John
Description: Hg aqueous standard 25 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 25 ppb
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-5280	Hg intermediate standard	2.5 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-5313

Prepared By: Soules, John
Description: Hg soil ICV 20ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 20 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5281	Hg intermediate control	2 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5314

Prepared By: Soules, John
Description: Hg soil CCV 10ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 10 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5281	Hg intermediate control	1 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5315

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: reagent reagent
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-5316

Prepared By: Soules, John
Description: Hg soil standard blk
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 0
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-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5317

Prepared By: Soules, John
Description: Hg soil standard .5 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: .5 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
V-5280	Hg intermediate standard	.05 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5318

Prepared By: Soules, John
Description: Hg soil standard 1 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 1 ppb
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-5280	Hg intermediate standard	.1 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5319

Prepared By: Soules, John
Description: Hg soil standard 2 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 2 ppb
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-5280	Hg intermediate standard	.2 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5320

Prepared By: Soules, John
Description: Hg soil standard 5 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 5 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5282	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-5280	Hg intermediate standard	.5 ml	10 ppm	

Veritech Lot Number: V-5321

Prepared By: Soules, John
Description: Hg soil standard 10 ppb
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-554
Concentration: 10 ppb
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-5280	Hg intermediate standard	1 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5322

Prepared By:	Soules, John	Department:	Metals
Description:	Hg soil standard 25 ppb	BatchNumber:	B-554
Prep Date:	8/2/2005	Concentration:	25 ppb
Expiration Date:	8/2/2005	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-5280	Hg intermediate standard	2.5 ml	10 ppm	
V-5282	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 555

Description
2029 NaCl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	s271-10	037713	04/27/04	04/26/07	dave	2	1000		

Veritech Control/Receipt Number: 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 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

Veritech Lot Number: V-2627

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 4/22/2005
Expiration Date: 1/6/2008
Department: Metals
BatchNumber:
Concentration: reagent
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
Description: 1:1 HNO3
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: Reagent
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
Description: ICSA
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
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	Hydochloric Acid	50 ml	NEAT neat	

Veritech Lot Number: V-4506

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
1114	ICSAB	10 ml	ml	
796	2110 Nitric Acid	50 ml		
1035	ICSA	50 ml	multi	
1103	Hydochloric Acid	50 ml	NEAT neat	

Veritech Lot Number: V-4509

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
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	Hydochloric Acid	50 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4510

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
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	Hydochloric Acid	50 ml	NEAT neat	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-4514

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 7/5/2005
Expiration Date: 9/10/2005
Department: Metals
BatchNumber:
Concentration: reagent
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 Hydrocloride	1000 g		

Veritech Lot Number: V-4847

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 7/14/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
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	Hydochloric 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
Description: ICB/CCB
Prep Date: 7/27/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: 0 mg/l
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-5281

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/2/2005
Expiration Date: 8/2/2005
Department: Metals
BatchNumber: B-552
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
1183	Mercury	.1 ml	1000 mg/l	
796	2110 Nitric Acid	2 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 555

Description
2029 NaCl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	s271-10	037713	04/27/04	04/26/07	dave	2	1000		

Veritech Control/Receipt Number: 784

Description
2108 Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	041927	09/13/04	09/12/07	dave	3	0		

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509SK-212	1104050	09/16/04	09/15/05	dave	60	2.5		

Veritech Control/Receipt Number: 916

Description
2120 Hydroxylamine Hydrocloride

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

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
Hydochloric 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	ZHAMPCLK#5	011000A	06/30/05	06/29/06	Miller,Gael E.	2	500	VARIOU	UG/ML

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1238

Description
ICV2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG	ZHAMPCLK#6	011000B	06/30/05	06/29/06	Miller,Gael E.	2	500	VARIOU	UG/ML

Data File: W:\METALS.FRM\ICPDATA\Pelcp1\S6229A.txt **Instrument:** PEICP1

Analysis Date: 08/04/05

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	22:08	1						
Calib Std 1	1	CAL	22:11	2						
Calib Std 2	1	CAL	22:14	3						
Calib Std 3	1	CAL	22:17	4						
ICS V-4509	1	ICS	22:20	5						
ICV V-4847 (2)	1	ICV	22:23	6						
ICB V-5157	1	ICB	22:26	7						
ICSA V-4505	1	ICSA	22:29	8						
ICSAB V-4506	1	ICSAB	22:32	9						
MB 6229 (100)	1	MB	22:35	10		SOIL	SOIL	SW846	6229	
LCS 100	1	LCS	22:37	11		SOIL	SOIL	SW846	6229	
LCS 100 MR	1	LCS	22:41	12		SOIL	SOIL	SW846	6229	
AC18807-009	1	SMP	22:45	13	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-009	1	MR	22:47	14	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-011	1	MS	22:50	15	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-012	1	MS	22:53	16	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-009	1	PS	22:57	17	PPMETALS-S	SOIL	SOIL	SW846	6229	
CCV V-4510	1	CCV	23:01	18						
CCB	1	CCB	23:04	19						
AC18807-013	1	SMP	23:06	20	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-013	5	SD	23:09	21	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-014	1	SMP	23:12	22	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-015	1	SMP	23:15	23	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-016	1	SMP	23:19	24	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-017	1	SMP	23:22	25	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-018	1	SMP	23:24	26	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-019	1	SMP	23:27	27	PPMETALS-S	SOIL	SOIL	SW846	6229	
CCV V-4510	1	CCV	23:30	28						
CCB	1	CCB	23:33	29						
AC18807-020	1	SMP	23:36	30	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-001	1	SMP	23:38	31	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-002	1	SMP	23:41	32	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-003	1	SMP	23:44	33	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-004	1	SMP	23:47	34	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-005	1	SMP	23:50	35	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-006	1	SMP	23:53	36	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-007	1	SMP	23:55	37	PPMETALS-S	SOIL	AQUEO	SW846	6229	
CCV V-4510	1	CCV	23:58	38						
CCB	1	CCB	00:01	39						
AC18807-008	1	SMP	00:04	40	PPMETALS-S	SOIL	SOIL	SW846	6229	
AC18807-010	1	SMP	00:07	41	PPMETALS-S	SOIL	SOIL	SW846	6229	
MB FB (1)	1	MB	00:09	42		SOIL	AQUEO	SW846	6229	
LCSW	1	LCS	00:12	43		SOIL	AQUEO	SW846	6229	
ICSA V-4505	1	ICSA	00:17	44						
ICSAB V-4506	1	ICSAB	00:19	45						
CCV V-4510	1	CCV	00:22	46						
CCB	1	CCB	00:25	47						

Shivani R 8/5/05

8/5/05

Shivani R 8/5/05

Data File: W:\METALS.FRM\ICPDATA\Peicp1\S6230A.TXT **Instrument:** PEICP1

Analysis Date: 08/04/05

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	08:27	1						
Calib Std 1	1	CAL	08:29	2						
Calib Std 2	1	CAL	08:32	3						
Calib Std 3	1	CAL	08:35	4						
ICS V-4509	1	ICS	08:38	5						
ICV V-4847 (2)	1	ICV	08:41	6						
ICB V-5157	1	ICB	08:44	7						
ICSA V-4505	1	ICSA	08:47	8						
ICSAB V-4506	1	ICSAB	08:50	9						
MB 6230 (100)	1	MB	08:53	10		SOIL	SOIL	SW846	6230	
LCS 100	1	LCS	08:56	11		SOIL	SOIL	SW846	6230	
LCS 100 MR	1	LCS	08:59	12		SOIL	SOIL	SW846	6230	
AC18853-004	1	SMP	09:03	13	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MR	09:06	14	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	09:09	15	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	09:13	16	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	PS	09:17	17	METALS-TAL-S	SOIL	SOIL	SW846	6230	
CCV V-4510	1	CCV	09:21	18						
CCB	1	CCB	09:23	19						
AC18855-001	1	SMP	09:26	20	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-001	5	SD	09:29	21	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-002	1	SMP	09:32	22	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-003	1	SMP	09:36	23	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-004	1	SMP	09:40	24	METALS-TAL-S	SOIL	SOIL	SW846	6230	
ICSA V-4505	1	ICSA	09:44	25						
ICSAB V-4506	1	ICSAB	09:47	26						
CCV V-4510	1	CCV	09:50	27						
CCB	1	CCB	09:52	28						
AC18807-021	1	SMP	09:55	29	PPMETALS-S	SOIL	SOIL	SW846	6230	
AC18807-022	1	SMP	09:58	30	PPMETALS-S	SOIL	SOIL	SW846	6230	
AC18807-023	1	SMP	10:01	31	PPMETALS-S	SOIL	SOIL	SW846	6230	
AC18807-024	1	SMP	10:04	32	PPMETALS-S	SOIL	SOIL	SW846	6230	
AC18807-025	1	SMP	10:07	33	PPMETALS-S	SOIL	SOIL	SW846	6230	
AC18853-001	1	SMP	10:10	34	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-002	1	SMP	10:13	35	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-003	1	SMP	10:16	36	METALS-TAL-S	SOIL	SOIL	SW846	6230	
ICSA V-4505	1	ICSA	10:19	37						
ICSAB V-4506	1	ICSAB	10:22	38						
CCV V-4510	1	CCV	10:25	39						
CCB	1	CCB	10:28	40						
MB 6211 (100)	1	MB	10:33	41		SOIL	SOIL	SW846	6211	
LCS 100	1	LCS	10:36	42		SOIL	SOIL	SW846	6211	
LCS 100 MR	1	LCS	10:40	43		SOIL	SOIL	SW846	6211	
AC18796-021	1	SMP	10:43	44	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18796-021	1	MR	10:46	45	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18796-021	1	MS	10:49	46	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18796-021	1	MS	10:52	47	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18796-021	1	PS	10:56	48	MET-RCRA-S	SOIL	SOIL	SW846	6211	
CCV V-4510	1	CCV	11:00	49						
CCB	1	CCB	11:03	50						
AC18796-022	1	SMP	11:05	51	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18796-022	5	SD	11:08	52	MET-RCRA-S	SOIL	SOIL	SW846	6211	
AC18786-001	1	SMP	11:11	53	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-002	1	SMP	11:14	54	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-003	1	SMP	11:17	55	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-004	1	SMP	11:20	56	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-005	1	SMP	11:23	57	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-006	1	SMP	11:26	58	PPMETALS-S	SOIL	SOIL	SW846	6211	
CCV V-4510	1	CCV	11:29	59						
CCB	1	CCB	11:31	60						
AC18786-007	1	SMP	11:34	61	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-008	1	SMP	11:37	62	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-009	1	SMP	11:40	63	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-010	1	SMP	11:43	64	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-011	1	SMP	11:46	65	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-012	1	SMP	11:49	66	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-013	1	SMP	11:52	67	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-014	1	SMP	11:55	68	PPMETALS-S	SOIL	SOIL	SW846	6211	
CCV V-4510	1	CCV	11:58	69						

CBell 8/5/05

8/4/05

Data File: W:\METALS.FRM\ICPDATA\Peicp1\S6230A.TXT **Instrument:** PEICP1

Analysis Date: 08/04/05

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
CCB	1	CCB	12:00	70						
AC18786-015	1	SMP	12:03	71	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-016	1	SMP	12:07	72	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18786-017	1	SMP	12:09	73	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18852-001	1	SMP	12:13	74	PPMETALS-S	SOIL	SOIL	SW846	6211	
AC18852-001	5	SMP	12:17	75	PPMETALS-S	SOIL	SOIL	SW846	6211	
ICSA V-4505	1	ICSA	12:21	76						
ICSAB V-4506	1	ICSAB	12:24	77						
CCV V-4510	1	CCV	12:27	78						
CCB	1	CCB	12:29	79						

8/9/05

8/5/05

8/9/05

1794

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad1\S6230B.TXT **Instrument:** PEICPRAD1

Analysis Date: 08/04/05

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	12:33	1						
Calib Std 1	1	CAL	12:36	2						
Calib Std 2	1	CAL	12:39	3						
Calib Std 3	1	CAL	12:42	4						
ICS V-4509	1	ICS	12:45	5						
ICV V-4847 (2)	1	ICV	12:48	6						
ICB V-5157	1	ICB	12:51	7						
ICSA V-4505	1	ICSA	12:54	8						
ICSAB V-4506	1	ICSAB	12:57	9						
MB 6230 (100)	1	MB	13:00	10		SOIL	SOIL	SW846	6230	
LCS 100	1	LCS	13:03	11		SOIL	SOIL	SW846	6230	
LCS 100 MR	1	LCS	13:06	12		SOIL	SOIL	SW846	6230	
AC18853-004	1	SMP	13:09	13	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MR	13:12	14	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	13:14	15	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	13:17	16	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-004	1	PS	13:20	17	METALS-TAL-S	SOIL	SOIL	SW846	6230	
CCV V-4510	1	CCV	13:23	18						
CCB	1	CCB	13:26	19						
AC18855-001	1	SMP	13:29	20	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-001	5	SD	13:32	21	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-002	1	SMP	13:35	22	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-003	1	SMP	13:37	23	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18855-004	1	SMP	13:40	24	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-001	1	SMP	13:43	25	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-002	1	SMP	13:45	26	METALS-TAL-S	SOIL	SOIL	SW846	6230	
AC18853-003	1	SMP	13:48	27	METALS-TAL-S	SOIL	SOIL	SW846	6230	
ICSA V-4505	1	ICSA	13:51	28						
ICSAB V-4506	1	ICSAB	13:54	29						
CCV V-4510	1	CCV	13:57	30						
CCB	1	CCB	14:00	31						

Shivani R 8/4/05

8/5/05

Shivani R 8/4/05

Data file: S6229A. Batch 6229 (Soil)

Analyst/Reviewer/Final Date 8/5/05

Sn 189.933	4083.2	0.505275	0.0017390	mg/L	0.34%
Be 234.861	253110.8	0.499577	0.0042440	mg/L	0.85%
As 188.979	1243.3	0.515521	0.0008000	mg/L	0.16%
Sb 206.833	1720.1	0.507797	0.0003390	mg/L	0.07%
Cr 206.158	11078.7	0.511154	0.0000324	mg/L	0.01%
Pb 220.353	2085.3	0.513716	0.0018395	mg/L	0.36%
Ni 231.604	9141.4	0.519692	0.0000918	mg/L	0.02%
Tl 190.800	651.7	0.492957	0.0009209	mg/L	0.19%

2nd Rev: [illegible] 8/5/05

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: 8/4/05 9:55:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-425.5	-0.0032531	0.00028978	mg/L				8.91%
Al 308.215	5059.8	0.0717194	0.00351164	mg/L				4.90%
Ba 233.527	-19.0	-0.0004842	0.00000694	mg/L				1.43%
Ca 315.887	-16521.4	-0.483965	0.0055928	mg/L				1.16%
Cd 226.502	-188.5	-0.0020139	0.00015198	mg/L				7.55%
Co 228.616	-84.1	-0.0031065	0.00010189	mg/L				3.28%
Cu 324.754	7363.0	0.0034255	0.00021741	mg/L				6.35%
Fe 273.955	457.5	0.0074968	0.00263666	mg/L				35.17%
Mg 279.079	276.2	0.0237923	0.00551058	mg/L				23.16%
Mn 257.610	382.2	0.0008248	0.00006411	mg/L				7.77%
Se 196.026	46.4	0.0010905	0.00142733	mg/L				130.89%
V 292.402	-207.0	-0.0014532	0.00031605	mg/L				21.75%
Zn 206.200	169.5	-0.0074931	0.00022079	mg/L				2.95%
Na 330.237	918.0	1.42037	0.004021	mg/L				0.28%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-305.5	-0.0006812	0.00004466	mg/L				6.56%
Mo 202.030	-103.5	-0.0072245	0.00033174	mg/L				4.59%
Sn 189.933	-41.3	0.0019534	0.00006644	mg/L				3.40%
Be 234.861	-385.6	-0.0007611	0.00000480	mg/L				0.63%
As 188.979	-37.1	0.0007616	0.00007865	mg/L				10.33%
Sb 206.833	66.4	0.0015276	0.00083938	mg/L				54.95%
Cr 206.158	156.4	0.0014613	0.00004587	mg/L				3.14%
Pb 220.353	2.7	0.0006621	0.00057522	mg/L				86.88%
Ni 231.604	-0.1	-0.0001257	0.00007735	mg/L				61.55%
Tl 190.800	-62.6	0.0003151	0.00286958	mg/L				910.81%

Method: PE1 Axial IEC: 121704.IEC MSF:
Results: S6238A Spectra Stored: Yes Method Stored: Yes
Sample Info: s6238a User: User1 Date: 8/4/05 10:06:37 PM
Method Description: 200.7/SW846

Mean Data

ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
Data: Original Date: 8/4/05 10:08:01 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-341.5	13.60	3.98%	0	mg/L
Al 308.215	5097.7	41.36	0.81%	0	mg/L
Ba 233.527	-13.1	2.01	15.37%	0	mg/L
Ca 315.887	-15875.8	222.14	1.40%	0	mg/L
Cd 226.502	-190.0	4.66	2.45%	0	mg/L
Co 228.616	-86.1	1.09	1.27%	0	mg/L
Cu 324.754	7195.2	30.10	0.42%	0	mg/L
Fe 273.955	279.7	33.32	11.91%	0	mg/L
Mg 279.079	304.2	2.71	0.89%	0	mg/L
Mn 257.610	352.0	8.09	2.30%	0	mg/L
Se 196.026	44.3	3.52	7.95%	0	mg/L
V 292.402	-209.1	1.64	0.78%	0	mg/L
Zn 206.200	114.6	3.08	2.69%	0	mg/L
Na 330.237	870.0	41.76	4.80%	0	mg/L
Ti 334.941	-278.8	9.60	3.44%	0	mg/L
Mo 202.030	-110.9	2.39	2.15%	0	mg/L
Sn 189.933	-44.0	1.43	3.26%	0	mg/L
Be 234.861	-368.6	5.54	1.50%	0	mg/L

6229

All elements were reported.

As 188.979	-35.1	1.82	5.19%	0 mg/L
Sb 206.833	69.8	5.66	8.12%	0 mg/L
Cr 206.158	155.0	6.47	4.18%	0 mg/L
Pb 220.353	6.1	0.22	3.57%	0 mg/L
Ni 231.604	-13.5	8.88	66.00%	0 mg/L
Tl 190.800	-64.2	4.89	7.62%	0 mg/L

Mean Data
ID: Calib Std 1 Seq. No.: 2 A/S Pos: 160
Data: Original Date: 8/4/05 10:10:47 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	936.9	77.07	8.23%	0.010	mg/L
Al 308.215	6304.4	21.51	0.34%	0.10	mg/L
Ba 233.527	405.4	5.60	1.38%	0.010	mg/L
Ca 315.887	20107.9	79.49	0.40%	1.0	mg/L
Cd 226.502	759.2	0.48	0.06%	0.010	mg/L
Co 228.616	185.9	4.68	2.52%	0.010	mg/L
Cu 324.754	8329.7	16.28	0.20%	0.010	mg/L
Fe 273.955	1597.2	5.25	0.33%	0.10	mg/L
Mg 279.079	11455.5	88.02	0.77%	1.0	mg/L
Mn 257.610	5269.9	40.40	0.77%	0.010	mg/L
Se 196.026	101.6	2.25	2.21%	0.010	mg/L
V 292.402	1254.5	8.86	0.71%	0.010	mg/L
Zn 206.200	1143.9	0.43	0.04%	0.010	mg/L
Na 330.237	1421.2	2.90	0.20%	1.0	mg/L
Ti 334.941	4309.6	76.06	1.76%	0.010	mg/L
Mo 202.030	49.0	0.44	0.89%	0.010	mg/L
Sn 189.933	39.8	1.68	4.22%	0.010	mg/L
Be 234.861	4707.7	12.70	0.27%	0.010	mg/L
As 188.979	-10.2	2.83	27.80%	0.010	mg/L
Sb 206.833	101.8	1.05	1.03%	0.010	mg/L
Cr 206.158	384.0	6.46	1.68%	0.010	mg/L
Pb 220.353	49.0	2.25	4.59%	0.010	mg/L
Ni 231.604	187.5	1.33	0.71%	0.010	mg/L
Tl 190.800	-45.1	0.54	1.19%	0.010	mg/L

Mean Data
ID: Calib Std 2 Seq. No.: 3 A/S Pos: 3
Data: Original Date: 8/4/05 10:13:38 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	65428.0	308.82	0.47%	0.50	mg/L
Al 308.215	71998.7	481.34	0.67%	5.0	mg/L
Ba 233.527	20054.8	109.08	0.54%	0.50	mg/L
Ca 315.887	1703307.5	8426.21	0.49%	50	mg/L
Cd 226.502	47952.1	302.35	0.63%	0.50	mg/L
Co 228.616	13475.4	63.44	0.47%	0.50	mg/L
Cu 324.754	66239.2	620.33	0.94%	0.50	mg/L
Fe 273.955	66680.5	394.34	0.59%	5.0	mg/L
Mg 279.079	572741.5	2553.54	0.45%	50	mg/L
Mn 257.610	233483.7	1699.75	0.73%	0.50	mg/L
Se 196.026	3077.1	2.02	0.07%	0.50	mg/L
V 292.402	72783.3	504.78	0.69%	0.50	mg/L
Zn 206.200	21732.3	79.49	0.37%	0.50	mg/L
Na 330.237	30781.4	92.99	0.30%	50	mg/L
Ti 334.941	225262.6	1364.04	0.61%	0.50	mg/L
Mo 202.030	7313.6	39.16	0.54%	0.50	mg/L
Sn 189.933	4021.2	14.20	0.35%	0.50	mg/L
Be 234.861	254972.5	1388.99	0.54%	0.50	mg/L
As 188.979	1224.6	14.14	1.15%	0.50	mg/L
Sb 206.833	1715.3	15.40	0.90%	0.50	mg/L
Cr 206.158	11024.9	56.58	0.51%	0.50	mg/L
Pb 220.353	2064.4	7.17	0.35%	0.50	mg/L
Ni 231.604	9160.6	49.35	0.54%	0.50	mg/L
Tl 190.800	644.1	6.32	0.98%	0.50	mg/L

Mean Data
ID: Calib Std 3 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 8/4/05 10:16:37 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	131111.3	952.90	0.73%	1.0	mg/L
Al 308.215	143955.9	812.58	0.56%	10	mg/L
Ba 233.527	40476.0	331.81	0.82%	1.0	mg/L
Ca 315.887	3374796.8	11836.60	0.35%	100	mg/L
Cd 226.502	93632.0	301.57	0.32%	1.0	mg/L
Co 228.616	27174.8	115.84	0.43%	1.0	mg/L
Cu 324.754	125639.8	914.30	0.73%	1.0	mg/L
Fe 273.955	131319.0	702.29	0.53%	10	mg/L
Mg 279.079	1161483.0	4738.02	0.41%	100	mg/L
Mn 257.610	458672.7	1756.91	0.38%	1.0	mg/L
Se 196.026	6094.5	14.70	0.24%	1.0	mg/L
V 292.402	142680.4	866.86	0.61%	1.0	mg/L
Zn 206.200	42576.3	135.56	0.32%	1.0	mg/L
Na 330.237	65769.1	553.56	0.84%	100	mg/L
Ti 334.941	441417.8	1843.35	0.42%	1.0	mg/L
Mo 202.030	14461.3	17.33	0.12%	1.0	mg/L
Sn 189.933	8159.3	7.65	0.09%	1.0	mg/L
Be 234.861	503644.3	2008.09	0.40%	1.0	mg/L
As 188.979	2488.5	11.27	0.45%	1.0	mg/L
Sb 206.833	3356.6	5.86	0.17%	1.0	mg/L
Cr 206.158	22081.4	129.25	0.59%	1.0	mg/L
Pb 220.353	4129.6	7.91	0.19%	1.0	mg/L
Ni 231.604	18191.0	99.89	0.55%	1.0	mg/L
Tl 190.800	1360.8	7.95	0.58%	1.0	mg/L

Calibration Summary

Method: PE1 Axial Date: 8/4/05 10:17:21 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	131057.2	0.00000	0.999993
Al 308.215	3	Linear	4555.0	13850.1	0.00000	0.999828
Ba 233.527	3	Linear-thru-Zero	0.0	40402.7	0.00000	0.999988
Ca 315.887	3	Linear-thru-Zero	0.0	33810.5	0.00000	0.999975
Cd 226.502	3	Linear-thru-Zero	0.0	94085.0	0.00000	0.999911
Co 228.616	3	Linear-thru-Zero	0.0	27129.3	0.00000	0.999983
Cu 324.754	3	Linear	7140.1	118439.5	0.00000	0.999999
Fe 273.955	3	Linear	443.3	13119.4	0.00000	0.999976
Mg 279.079	3	Linear-thru-Zero	0.0	11582.8	0.00000	0.999972
Mn 257.610	3	Linear-thru-Zero	0.0	460336.9	0.00000	0.999951
Se 196.026	3	Linear	44.2	6053.3	0.00000	0.999999
V 292.402	3	Linear-thru-Zero	0.0	143256.2	0.00000	0.999939
Zn 206.200	3	Linear	459.5	42204.7	0.00000	0.999907
Na 330.237	3	Linear-thru-Zero	0.0	649.3	0.00000	0.999279
Ti 334.941	3	Linear-thru-Zero	0.0	443238.3	0.00000	0.999938
Mo 202.030	3	Linear-thru-Zero	0.0	14493.7	0.00000	0.999948
Sn 189.933	3	Linear	-49.8	8195.7	0.00000	0.999989
Be 234.861	3	Linear-thru-Zero	0.0	504901.7	0.00000	0.999977
As 188.979	3	Linear	-35.6	2523.4	0.00000	1.000000
Sb 206.833	3	Linear	69.8	3287.7	0.00000	1.000000
Cr 206.158	3	Linear	142.4	21904.4	0.00000	0.999990
Pb 220.353	3	Linear	6.2	4122.0	0.00000	0.999999
Ni 231.604	3	Linear	8.2	18207.2	0.00000	0.999992
Tl 190.800	3	Linear	-62.7	1421.6	0.00000	0.999988

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: 8/4/05 10:19:42 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	131289.1	1.00428	0.008231	mg/L				0.82%
Al 308.215	144279.7	10.0883	0.07454	mg/L				0.74%
Ba 233.527	40563.0	1.00397	0.004575	mg/L				0.46%
Ca 315.887	3375526.2	99.8366	0.43114	mg/L				0.43%
Cd 226.502	93962.8	0.998701	0.0055558	mg/L				0.56%
Co 228.616	27175.9	1.00172	0.004509	mg/L				0.45%

Cu 324.754	125910.1	1.00279	0.006374	mg/L	0.64%
Fe 273.955	131517.3	9.99084	0.074563	mg/L	0.75%
Mg 279.079	1161998.8	100.321	0.4710	mg/L	0.47%
Mn 257.610	459127.6	0.997373	0.0066612	mg/L	0.67%
Se 196.026	6100.0	1.00041	0.000870	mg/L	0.09%
V 292.402	143035.4	0.990410	0.0051232	mg/L	0.52%
Zn 206.200	42691.9	1.00066	0.005133	mg/L	0.51%
Na 330.237	65966.9	104.729	0.6821	mg/L	0.65%
Ti 334.941	442449.8	0.998221	0.0075624	mg/L	0.76%
Mo 202.030	14464.8	0.998005	0.0046041	mg/L	0.46%
Sn 189.933	8163.2	1.00211	0.000111	mg/L	0.01%
Be 234.861	503710.6	0.997641	0.0065440	mg/L	0.66%
As 188.979	2491.4	1.00142	0.002933	mg/L	0.29%
Sb 206.833	3347.2	0.996649	0.0031782	mg/L	0.32%
Cr 206.158	22073.1	1.00776	0.006034	mg/L	0.60%
Pb 220.353	4126.9	0.999680	0.0009317	mg/L	0.09%
Ni 231.604	18174.4	0.997747	0.0053588	mg/L	0.54%
Tl 190.800	1371.0	1.01032	0.006733	mg/L	0.67%

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: 8/4/05 10:22:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	130362.3	0.997208	0.0094886	mg/L				0.95%
Al 308.215	148205.7	10.3718	0.10430	mg/L				1.01%
Ba 233.527	41304.9	1.02233	0.010749	mg/L				1.05%
Ca 315.887	3394833.2	100.408	1.1515	mg/L				1.15%
Cd 226.502	94204.2	1.00127	0.004767	mg/L				0.48%
Co 228.616	27257.1	1.00471	0.007206	mg/L				0.72%
Cu 324.754	126913.6	1.01126	0.011864	mg/L				1.17%
Fe 273.955	132375.1	10.0562	0.08655	mg/L				0.86%
Mg 279.079	1178849.8	101.776	1.2035	mg/L				1.18%
Mn 257.610	464102.9	1.00818	0.008125	mg/L				0.81%
Se 196.026	6132.7	1.00581	0.001757	mg/L				0.17%
V 292.402	144128.7	0.997877	0.0075859	mg/L				0.76%
Zn 206.200	43285.3	1.01472	0.004546	mg/L				0.45%
Na 330.237	67022.3	106.391	0.8419	mg/L				0.79%
Ti 334.941	442649.3	0.998671	0.0072310	mg/L				0.72%
Mo 202.030	14549.0	1.00381	0.000215	mg/L				0.02%
Sn 189.933	8279.1	1.01625	0.000659	mg/L				0.06%
Be 234.861	505597.6	1.00138	0.012659	mg/L				1.26%
As 188.979	2538.1	1.01995	0.002301	mg/L				0.23%
Sb 206.833	3388.5	1.00917	0.001196	mg/L				0.12%
Cr 206.158	22337.3	1.01991	0.014367	mg/L				1.41%
Pb 220.353	4191.4	1.01532	0.000751	mg/L				0.07%
Ni 231.604	18454.9	1.01316	0.003146	mg/L				0.31%
Tl 190.800	1374.0	1.01236	0.009585	mg/L				0.95%

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: 8/4/05 10:25:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-380.7	-0.0029046	0.00011356	mg/L				3.91%
Al 308.215	5156.3	0.0434088	0.00333044	mg/L				7.67%
Ba 233.527	-10.6	-0.0002612	0.00002355	mg/L				9.02%
Ca 315.887	-15803.4	-0.467411	0.0014117	mg/L				0.30%
Cd 226.502	-185.5	-0.0019717	0.00000067	mg/L				0.03%
Co 228.616	-89.1	-0.0032832	0.00009870	mg/L				3.01%
Cu 324.754	7468.4	0.0027720	0.00044124	mg/L				15.92%
Fe 273.955	236.5	-0.0157642	0.00056897	mg/L				3.61%
Mg 279.079	316.3	0.0273106	0.00055373	mg/L				2.03%
Mn 257.610	370.2	0.0008041	0.00000784	mg/L				0.98%
Se 196.026	54.2	0.0016428	0.00061308	mg/L				37.32%
V 292.402	-194.1	-0.0013547	0.00017825	mg/L				13.16%
Zn 206.200	166.7	-0.0069379	0.00009248	mg/L				1.33%
Na 330.237	921.4	1.41893	0.027424	mg/L				1.93%

*QC exceeds upper limit for Na 330.237 Action = Continue

Ti 334.941	-280.4	-0.0006325	0.00002455	mg/L	3.88%
Mo 202.030	-92.9	-0.0064082	0.00024629	mg/L	3.84%
Sn 189.933	-15.9	0.0041324	0.00021684	mg/L	5.25%
Be 234.861	-322.5	-0.0006387	0.00000037	mg/L	0.06%
As 188.979	-37.3	-0.0006715	0.00058654	mg/L	87.35%
Sb 206.833	69.8	0.0000035	0.00002974	mg/L	858.53%
Cr 206.158	158.5	0.0007335	0.00021237	mg/L	28.95%
Pb 220.353	0.9	-0.0013013	0.00114611	mg/L	88.08%
Ni 231.604	-6.3	-0.0007961	0.00008088	mg/L	10.16%
Tl 190.800	-57.1	0.0039726	0.00181543	mg/L	45.70%

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: 8/4/05 10:28:45 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-318.1	-0.0024271	0.00027453	mg/L				11.31%
Al 308.215	6372429.3	459.661	3.3246	mg/L				0.72%
Ba 233.527	-94.1	-0.0023281	0.00008002	mg/L				3.44%
Ca 315.887	15217969.6	450.096	2.5318	mg/L				0.56%
Cd 226.502	1219.4	0.0003620	0.00000594	mg/L				1.64%
Co 228.616	48.6	0.0017905	0.00002227	mg/L				1.24%
Cu 324.754	6751.1	0.0039365	0.00034462	mg/L				8.75%
Fe 273.955	2361215.5	179.945	0.5525	mg/L				0.31%
Mg 279.079	5840183.5	504.211	2.9276	mg/L				0.58%
Mn 257.610	-2210.1	-0.0048010	0.00004689	mg/L				0.98%
Se 196.026	-221.6	0.0029413	0.00051686	mg/L				17.57%
V 292.402	7555.4	0.0024875	0.00054857	mg/L				22.05%
Zn 206.200	111.2	-0.0082522	0.00003954	mg/L				0.48%
Na 330.237	803.6	-4.87782	0.058474	mg/L				1.20%

*QC exceeds lower limit for Na 330.237 Action = Continue

Ti 334.941	-1721.0	-0.0038829	0.00005327	mg/L	1.37%
Mo 202.030	-186.4	-0.0056585	0.00006930	mg/L	1.22%
Sn 189.933	7.9	0.0070367	0.00059380	mg/L	8.44%
Be 234.861	-5719.5	-0.0023264	0.00011819	mg/L	5.08%
As 188.979	-59.2	0.0014461	0.00027409	mg/L	18.95%
Sb 206.833	109.7	-0.0011638	0.00153736	mg/L	132.10%
Cr 206.158	772.8	0.0057739	0.00016139	mg/L	2.80%
Pb 220.353	-173.1	-0.0018699	0.00196294	mg/L	104.97%
Ni 231.604	903.8	0.0055134	0.00010417	mg/L	1.89%
Tl 190.800	-66.9	-0.0029543	0.00029859	mg/L	10.11%

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: 8/4/05 10:31:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	133480.0	1.01849	0.004996	mg/L				0.49%
Al 308.215	6359563.4	458.732	3.1319	mg/L				0.68%
Ba 233.527	19149.0	0.473954	0.0000098	mg/L				0.00%
Ca 315.887	15202081.9	449.626	1.8805	mg/L				0.42%
Cd 226.502	88660.4	0.929805	0.0029535	mg/L				0.32%
Co 228.616	12542.0	0.462304	0.0004947	mg/L				0.11%
Cu 324.754	66226.0	0.506057	0.0037474	mg/L				0.74%
Fe 273.955	2350055.9	179.094	0.8906	mg/L				0.50%
Mg 279.079	5841563.0	504.330	2.2551	mg/L				0.45%
Mn 257.610	217456.3	0.472385	0.0027416	mg/L				0.58%
Se 196.026	5494.9	0.947064	0.0035663	mg/L				0.38%
V 292.402	73539.8	0.462990	0.0033096	mg/L				0.71%
Zn 206.200	37574.1	0.879394	0.0008385	mg/L				0.10%
Na 330.237	2264.0	-0.332923	0.0351544	mg/L				10.56%
Ti 334.941	-1563.2	-0.0035268	0.00004361	mg/L				1.24%
Mo 202.030	-183.9	-0.0055228	0.00124035	mg/L				22.46%
Sn 189.933	9.6	0.0072454	0.00215363	mg/L				29.72%
Be 234.861	237694.2	0.479732	0.0022891	mg/L				0.48%
As 188.979	2490.0	1.01163	0.007600	mg/L				0.75%
Sb 206.833	3334.5	0.979748	0.0029858	mg/L				0.30%

Cr 206.158	10900.6	0.473948	0.0011013	mg/L	0.23%
Pb 220.353	3779.2	0.956895	0.0016658	mg/L	0.17%
Ni 231.604	17973.8	0.943232	0.0012971	mg/L	0.14%
Tl 190.800	1293.2	0.953839	0.0152368	mg/L	1.60%

Mean Data

ID: MB 6229 (100) Seq. No.: 10 Sample No.: 54 A/S Pos: 73
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:34:41 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-378.0	-0.0028844	0.00016364	mg/L	-0.0028844	0.00016364	mg/L	5.67%
Al 308.215	8664.8	0.296732	0.0135796	mg/L	0.296732	0.0135796	mg/L	4.58%
Ba 233.527	8.8	0.0002180	0.00009618	mg/L	0.0002180	0.00009618	mg/L	44.13%
Ca 315.887	-6607.3	-0.195422	0.0041673	mg/L	-0.195422	0.0041673	mg/L	2.13%
Cd 226.502	-177.0	-0.0018811	0.00001376	mg/L	-0.0018811	0.00001376	mg/L	0.73%
Co 228.616	-93.6	-0.0034494	0.00016060	mg/L	-0.0034494	0.00016060	mg/L	4.66%
Cu 324.754	8834.4	0.0143052	0.00136472	mg/L	0.0143052	0.00136472	mg/L	9.54%
Fe 273.955	2382.5	0.147806	0.0021157	mg/L	0.147806	0.0021157	mg/L	1.43%
Mg 279.079	1093.4	0.0944021	0.01084236	mg/L	0.0944021	0.01084236	mg/L	11.49%
Mn 257.610	1202.5	0.0026122	0.00001708	mg/L	0.0026122	0.00001708	mg/L	0.65%
Se 196.026	68.0	0.0039309	0.00329673	mg/L	0.0039309	0.00329673	mg/L	83.87%
V 292.402	-187.3	-0.0013076	0.00006630	mg/L	-0.0013076	0.00006630	mg/L	5.07%
Zn 206.200	441.6	-0.0004241	0.00041069	mg/L	-0.0004241	0.00041069	mg/L	96.84%
Na 330.237	1162.6	1.79038	0.016401	mg/L	1.79038	0.016401	mg/L	0.92%
Ti 334.941	-144.8	-0.0003267	0.00000822	mg/L	-0.0003267	0.00000822	mg/L	2.52%
Mo 202.030	-110.2	-0.0076061	0.00001106	mg/L	-0.0076061	0.00001106	mg/L	0.15%
Sn 189.933	68.9	0.0144785	0.00062378	mg/L	0.0144785	0.00062378	mg/L	4.31%
Be 234.861	-401.8	-0.0007958	0.00001029	mg/L	-0.0007958	0.00001029	mg/L	1.29%
As 188.979	-37.3	-0.0006574	0.00097310	mg/L	-0.0006574	0.00097310	mg/L	148.02%
Sb 206.833	79.6	0.0029917	0.00079148	mg/L	0.0029917	0.00079148	mg/L	26.46%
Cr 206.158	278.8	0.0062264	0.00004400	mg/L	0.0062264	0.00004400	mg/L	0.71%
Pb 220.353	3.3	-0.0007014	0.00016957	mg/L	-0.0007014	0.00016957	mg/L	24.18%
Ni 231.604	120.1	0.0061459	0.00055619	mg/L	0.0061459	0.00055619	mg/L	9.05%
Tl 190.800	-66.3	-0.0024799	0.00041133	mg/L	-0.0024799	0.00041133	mg/L	16.59%

Mean Data

ID: LCS 100 Seq. No.: 11 Sample No.: 55 A/S Pos: 74
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:37:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	61097.3	0.466188	0.0002966	mg/L	0.466188	0.0002966	mg/L	0.06%
Al 308.215	73057.1	4.94596	0.007723	mg/L	4.94596	0.007723	mg/L	0.16%
Ba 233.527	20389.3	0.504651	0.0046850	mg/L	0.504651	0.0046850	mg/L	0.93%
Ca 315.887	1681379.8	49.7295	0.27098	mg/L	49.7295	0.27098	mg/L	0.54%
Cd 226.502	46913.2	0.498626	0.0015727	mg/L	0.498626	0.0015727	mg/L	0.32%
Co 228.616	13240.4	0.488049	0.0042807	mg/L	0.488049	0.0042807	mg/L	0.88%
Cu 324.754	66229.7	0.498902	0.0000079	mg/L	0.498902	0.0000079	mg/L	0.00%
Fe 273.955	66939.0	5.06850	0.023847	mg/L	5.06850	0.023847	mg/L	0.47%
Mg 279.079	571279.3	49.3213	0.29288	mg/L	49.3213	0.29288	mg/L	0.59%
Mn 257.610	233946.6	0.508207	0.0020536	mg/L	0.508207	0.0020536	mg/L	0.40%
Se 196.026	2876.7	0.467914	0.0011680	mg/L	0.467914	0.0011680	mg/L	0.25%
V 292.402	72055.4	0.496301	0.0024207	mg/L	0.496301	0.0024207	mg/L	0.49%
Zn 206.200	21911.9	0.508295	0.0043909	mg/L	0.508295	0.0043909	mg/L	0.86%
Na 330.237	30651.0	48.5239	0.14871	mg/L	48.5239	0.14871	mg/L	0.31%
Ti 334.941	221345.2	0.499382	0.0014118	mg/L	0.499382	0.0014118	mg/L	0.28%
Mo 202.030	7176.6	0.495155	0.0045302	mg/L	0.495155	0.0045302	mg/L	0.91%
Sn 189.933	4092.5	0.505423	0.0044381	mg/L	0.505423	0.0044381	mg/L	0.88%
Be 234.861	246656.8	0.488524	0.0021489	mg/L	0.488524	0.0021489	mg/L	0.44%
As 188.979	1213.4	0.494966	0.0023084	mg/L	0.494966	0.0023084	mg/L	0.47%
Sb 206.833	1687.0	0.491918	0.0029257	mg/L	0.491918	0.0029257	mg/L	0.59%
Cr 206.158	11109.5	0.500677	0.0043823	mg/L	0.500677	0.0043823	mg/L	0.88%
Pb 220.353	2061.9	0.498706	0.0041458	mg/L	0.498706	0.0041458	mg/L	0.83%
Ni 231.604	9136.9	0.501382	0.0034188	mg/L	0.501382	0.0034188	mg/L	0.68%
Tl 190.800	623.2	0.482506	0.0068715	mg/L	0.482506	0.0068715	mg/L	1.42%

Mean Data

ID: LCS 100 MR Seq. No.: 12 Sample No.: 56 A/S Pos: 75
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 8/4/05 10:41:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	60877.9	0.464514	0.0051378	mg/L	0.464514	0.0051378	mg/L	1.11%
Al 308.215	71674.9	4.84617	0.046350	mg/L	4.84617	0.046350	mg/L	0.96%
Ba 233.527	20483.8	0.506991	0.0004135	mg/L	0.506991	0.0004135	mg/L	0.08%
Ca 315.887	1664614.6	49.2336	0.55552	mg/L	49.2336	0.55552	mg/L	1.13%
Cd 226.502	46660.1	0.495935	0.0048926	mg/L	0.495935	0.0048926	mg/L	0.99%
Co 228.616	13250.5	0.488421	0.0005212	mg/L	0.488421	0.0005212	mg/L	0.11%
Cu 324.754	66418.7	0.500497	0.0052462	mg/L	0.500497	0.0052462	mg/L	1.05%
Fe 273.955	66667.6	5.04781	0.059513	mg/L	5.04781	0.059513	mg/L	1.18%
Mg 279.079	566786.0	48.9333	0.58047	mg/L	48.9333	0.58047	mg/L	1.19%
Mn 257.610	232253.7	0.504530	0.0055649	mg/L	0.504530	0.0055649	mg/L	1.10%
Se 196.026	2879.9	0.468442	0.0013506	mg/L	0.468442	0.0013506	mg/L	0.29%
V 292.402	71723.1	0.494034	0.0059336	mg/L	0.494034	0.0059336	mg/L	1.20%
Zn 206.200	21646.5	0.502005	0.0000474	mg/L	0.502005	0.0000474	mg/L	0.01%
Na 330.237	30558.3	48.3649	0.49102	mg/L	48.3649	0.49102	mg/L	1.02%
Ti 334.941	218617.5	0.493228	0.0052331	mg/L	0.493228	0.0052331	mg/L	1.06%
Mo 202.030	7153.0	0.493526	0.0005873	mg/L	0.493526	0.0005873	mg/L	0.12%
Sn 189.933	4066.6	0.502260	0.0019327	mg/L	0.502260	0.0019327	mg/L	0.38%
Be 234.861	245443.3	0.486121	0.0053463	mg/L	0.486121	0.0053463	mg/L	1.10%
As 188.979	1215.8	0.495925	0.0004738	mg/L	0.495925	0.0004738	mg/L	0.10%
Sb 206.833	1700.2	0.495919	0.0005098	mg/L	0.495919	0.0005098	mg/L	0.10%
Cr 206.158	11298.6	0.509312	0.0008293	mg/L	0.509312	0.0008293	mg/L	0.16%
Pb 220.353	2062.0	0.498733	0.0005519	mg/L	0.498733	0.0005519	mg/L	0.11%
Ni 231.604	9207.3	0.505246	0.0006566	mg/L	0.505246	0.0006566	mg/L	0.13%
Tl 190.800	619.6	0.480004	0.0035860	mg/L	0.480004	0.0035860	mg/L	0.75%

Mean Data

ID: 18807-009 Seq. No.: 13 Sample No.: 57 A/S Pos: 76
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:44:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-727.7	-0.0055525	0.00053481	mg/L	-0.0055525	0.00053481	mg/L	9.63%
Al 308.215	67489.9	4.54400	0.043422	mg/L	4.54400	0.043422	mg/L	0.96%
Ba 233.527	10272.0	0.254241	0.0027329	mg/L	0.254241	0.0027329	mg/L	1.07%
Ca 315.887	97626.6	2.88746	0.010960	mg/L	2.88746	0.010960	mg/L	0.38%
Cd 226.502	282.3	-0.0012492	0.00002494	mg/L	-0.0012492	0.00002494	mg/L	2.00%
Co 228.616	252.0	0.0092878	0.00021669	mg/L	0.0092878	0.00021669	mg/L	2.33%
Cu 324.754	36231.1	0.245619	0.0017461	mg/L	0.245619	0.0017461	mg/L	0.71%
Fe 273.955	796806.3	60.7011	0.39696	mg/L	60.7011	0.39696	mg/L	0.65%
Mg 279.079	15528.8	1.34068	0.000706	mg/L	1.34068	0.000706	mg/L	0.05%
Mn 257.610	128797.2	0.279789	0.0012133	mg/L	0.279789	0.0012133	mg/L	0.43%
Se 196.026	65.5	0.0217262	0.00072093	mg/L	0.0217262	0.00072093	mg/L	3.32%
V 292.402	5994.5	0.0479359	0.00032528	mg/L	0.0479359	0.00032528	mg/L	0.68%
Zn 206.200	13726.1	0.314340	0.0014947	mg/L	0.314340	0.0014947	mg/L	0.48%
Na 330.237	2056.1	3.98315	0.096058	mg/L	3.98315	0.096058	mg/L	2.41%
Ti 334.941	180932.1	0.408205	0.0000472	mg/L	0.408205	0.0000472	mg/L	0.01%
Mo 202.030	-20.2	-0.0013966	0.00019822	mg/L	-0.0013966	0.00019822	mg/L	14.19%
Sn 189.933	197.6	0.0301885	0.00008500	mg/L	0.0301885	0.00008500	mg/L	0.28%
Be 234.861	-1024.7	0.0010070	0.00007677	mg/L	0.0010070	0.00007677	mg/L	7.62%
As 188.979	49.3	0.0336695	0.00025189	mg/L	0.0336695	0.00025189	mg/L	0.75%
Sb 206.833	119.6	0.0151429	0.00140190	mg/L	0.0151429	0.00140190	mg/L	9.26%
Cr 206.158	1199.0	0.0482358	0.00060380	mg/L	0.0482358	0.00060380	mg/L	1.25%
Pb 220.353	2253.7	0.545231	0.0032477	mg/L	0.545231	0.0032477	mg/L	0.60%
Ni 231.604	1304.2	0.0604102	0.00044086	mg/L	0.0604102	0.00044086	mg/L	0.73%
Tl 190.800	-74.8	-0.0085004	0.00063923	mg/L	-0.0085004	0.00063923	mg/L	7.52%

Mean Data

ID: 18807-009 MR Seq. No.: 14 Sample No.: 58 A/S Pos: 77
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:47:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-841.2	-0.0064189	0.00011525	mg/L	-0.0064189	0.00011525	mg/L	1.80%
Al 308.215	89560.2	6.13751	0.083286	mg/L	6.13751	0.083286	mg/L	1.36%
Ba 233.527	13249.1	0.327925	0.0004965	mg/L	0.327925	0.0004965	mg/L	0.15%
Ca 315.887	136248.9	4.02978	0.021873	mg/L	4.02978	0.021873	mg/L	0.54%

Cd 226.502	920.5	0.0023058	0.00005350	mg/L	0.0023058	0.00005350	mg/L	2.32%
Co 228.616	449.7	0.0165774	0.00016319	mg/L	0.0165774	0.00016319	mg/L	0.98%
Cu 324.754	80624.8	0.620442	0.0006152	mg/L	0.620442	0.0006152	mg/L	0.10%
Fe 273.955	1401694.5	106.807	0.3342	mg/L	106.807	0.3342	mg/L	0.31%
Mg 279.079	12539.4	1.08258	0.005415	mg/L	1.08258	0.005415	mg/L	0.50%
Mn 257.610	204290.0	0.443784	0.0011923	mg/L	0.443784	0.0011923	mg/L	0.27%
Se 196.026	55.2	0.0338585	0.00001597	mg/L	0.0338585	0.00001597	mg/L	0.05%
V 292.402	6043.0	0.0529009	0.00025156	mg/L	0.0529009	0.00025156	mg/L	0.48%
Zn 206.200	43874.7	1.02868	0.006735	mg/L	1.02868	0.006735	mg/L	0.65%
Na 330.237	2591.3	5.85132	0.033638	mg/L	5.85132	0.033638	mg/L	0.57%
Ti 334.941	230503.0	0.520043	0.0031252	mg/L	0.520043	0.0031252	mg/L	0.60%
Mo 202.030	78.7	0.0054306	0.00007116	mg/L	0.0054306	0.00007116	mg/L	1.31%
Sn 189.933	386.5	0.0532328	0.00079921	mg/L	0.0532328	0.00079921	mg/L	1.50%
Be 234.861	-1524.8	0.0023230	0.00003778	mg/L	0.0023230	0.00003778	mg/L	1.63%
As 188.979	139.7	0.0759031	0.00029690	mg/L	0.0759031	0.00029690	mg/L	0.39%
Sb 206.833	150.4	0.0245375	0.00108747	mg/L	0.0245375	0.00108747	mg/L	4.43%
Cr 206.158	2247.8	0.102859	0.0000762	mg/L	0.102859	0.0000762	mg/L	0.07%
Pb 220.353	3052.8	0.739108	0.0014235	mg/L	0.739108	0.0014235	mg/L	0.19%
Ni 231.604	2194.3	0.101117	0.0008583	mg/L	0.101117	0.0008583	mg/L	0.85%
Tl 190.800	-75.1	-0.0087306	0.00044056	mg/L	-0.0087306	0.00044056	mg/L	5.05%

Mean Data

ID: 18807-011 MS 1 Seq. No.: 15 Sample No.: 59 A/S Pos: 78
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:50:23 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	58385.9	0.445499	0.0011257	mg/L	0.445499	0.0011257	mg/L	0.25%
Al 308.215	214500.4	15.1584	0.13175	mg/L	15.1584	0.13175	mg/L	0.87%
Ba 233.527	31200.2	0.772230	0.0024629	mg/L	0.772230	0.0024629	mg/L	0.32%
Ca 315.887	1736027.6	51.3458	0.05158	mg/L	51.3458	0.05158	mg/L	0.10%
Cd 226.502	46027.0	0.483898	0.0007863	mg/L	0.483898	0.0007863	mg/L	0.16%
Co 228.616	13454.3	0.495932	0.0005740	mg/L	0.495932	0.0005740	mg/L	0.12%
Cu 324.754	101488.9	0.796600	0.0039136	mg/L	0.796600	0.0039136	mg/L	0.49%
Fe 273.955	995353.1	75.8349	0.05649	mg/L	75.8349	0.05649	mg/L	0.07%
Mg 279.079	571390.4	49.3309	0.03895	mg/L	49.3309	0.03895	mg/L	0.08%
Mn 257.610	408678.2	0.887781	0.0011744	mg/L	0.887781	0.0011744	mg/L	0.13%
Se 196.026	2911.0	0.496343	0.0001958	mg/L	0.496343	0.0001958	mg/L	0.04%
V 292.402	74887.8	0.523681	0.0009140	mg/L	0.523681	0.0009140	mg/L	0.17%
Zn 206.200	44908.5	1.05318	0.001680	mg/L	1.05318	0.001680	mg/L	0.16%
Na 330.237	31324.7	50.9190	0.16437	mg/L	50.9190	0.16437	mg/L	0.32%
Ti 334.941	425964.9	0.961029	0.0059151	mg/L	0.961029	0.0059151	mg/L	0.62%
Mo 202.030	6712.0	0.463099	0.0013393	mg/L	0.463099	0.0013393	mg/L	0.29%
Sn 189.933	4462.6	0.550575	0.0003265	mg/L	0.550575	0.0003265	mg/L	0.06%
Be 234.861	238826.1	0.476809	0.0008401	mg/L	0.476809	0.0008401	mg/L	0.18%
As 188.979	1326.9	0.539937	0.0019748	mg/L	0.539937	0.0019748	mg/L	0.37%
Sb 206.833	1030.1	0.292089	0.0034492	mg/L	0.292089	0.0034492	mg/L	1.18%
Cr 206.158	12273.5	0.560725	0.0036093	mg/L	0.560725	0.0036093	mg/L	0.64%
Pb 220.353	4426.8	1.07243	0.000520	mg/L	1.07243	0.000520	mg/L	0.05%
Ni 231.604	10628.9	0.569866	0.0011436	mg/L	0.569866	0.0011436	mg/L	0.20%
Tl 190.800	492.4	0.397933	0.0017065	mg/L	0.397933	0.0017065	mg/L	0.43%

Mean Data

ID: 18807-012 MS 2 Seq. No.: 16 Sample No.: 60 A/S Pos: 79
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:53:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	59832.3	0.462478	0.0014729	mg/L	0.462478	0.0014729	mg/L	0.32%
Al 308.215	258943.9	18.3673	0.13587	mg/L	18.3673	0.13587	mg/L	0.74%
Ba 233.527	36664.7	0.907479	0.0060324	mg/L	0.907479	0.0060324	mg/L	0.66%
Ca 315.887	1804416.3	53.3685	0.29762	mg/L	53.3685	0.29762	mg/L	0.56%
Cd 226.502	47791.8	0.498805	0.0020206	mg/L	0.498805	0.0020206	mg/L	0.41%
Co 228.616	14025.4	0.516984	0.0010372	mg/L	0.516984	0.0010372	mg/L	0.20%
Cu 324.754	125160.7	1.00171	0.009523	mg/L	1.00171	0.009523	mg/L	0.95%
Fe 273.955	1716730.0	130.820	0.8942	mg/L	130.820	0.8942	mg/L	0.68%
Mg 279.079	598767.9	51.6945	0.30591	mg/L	51.6945	0.30591	mg/L	0.59%
Mn 257.610	531324.2	1.15421	0.006847	mg/L	1.15421	0.006847	mg/L	0.59%
Se 196.026	2895.8	0.510332	0.0013627	mg/L	0.510332	0.0013627	mg/L	0.27%
V 292.402	77305.2	0.545753	0.0033396	mg/L	0.545753	0.0033396	mg/L	0.61%

Zn 206.200	42516.1	0.996490	0.0071955	mg/L	0.996490	0.0071955 mg/L	0.72%
Na 330.237	32375.5	52.0944	0.29694	mg/L	52.0944	0.29694 mg/L	0.57%
Ti 334.941	526667.0	1.18823	0.011871	mg/L	1.18823	0.011871 mg/L	1.00%
Mo 202.030	6910.4	0.482020	0.0022067	mg/L	0.482020	0.0022067 mg/L	0.46%
Sn 189.933	4658.5	0.574477	0.0003643	mg/L	0.574477	0.0003643 mg/L	0.06%
Be 234.861	244766.0	0.491324	0.0040597	mg/L	0.491324	0.0040597 mg/L	0.83%
As 188.979	1393.1	0.574030	0.0011328	mg/L	0.574030	0.0011328 mg/L	0.20%
Sb 206.833	1055.4	0.294436	0.0003307	mg/L	0.294436	0.0003307 mg/L	0.11%
Cr 206.158	15420.2	0.704009	0.0063061	mg/L	0.704009	0.0063061 mg/L	0.90%
Pb 220.353	4924.0	1.19306	0.005082	mg/L	1.19306	0.005082 mg/L	0.43%
Ni 231.604	11958.0	0.633110	0.0020323	mg/L	0.633110	0.0020323 mg/L	0.32%
Tl 190.800	496.1	0.402312	0.0015386	mg/L	0.402312	0.0015386 mg/L	0.38%

Mean Data

ID: 18807-009 PS Seq. No.: 17 Sample No.: 61 A/S Pos: 80
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:57:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	66207.5	0.505180	0.0018090	mg/L	0.505180	0.0018090	mg/L	0.36%
Al 308.215	142963.0	9.99328	0.039172	mg/L	9.99328	0.039172	mg/L	0.39%
Ba 233.527	32800.3	0.811834	0.0019208	mg/L	0.811834	0.0019208	mg/L	0.24%
Ca 315.887	1897850.9	56.1320	0.02402	mg/L	56.1320	0.02402	mg/L	0.04%
Cd 226.502	51670.4	0.544673	0.0018718	mg/L	0.544673	0.0018718	mg/L	0.34%
Co 228.616	14835.5	0.546845	0.0003014	mg/L	0.546845	0.0003014	mg/L	0.06%
Cu 324.754	101904.9	0.800112	0.0056961	mg/L	0.800112	0.0056961	mg/L	0.71%
Fe 273.955	846669.3	64.5018	0.18278	mg/L	64.5018	0.18278	mg/L	0.28%
Mg 279.079	639003.7	55.1682	0.03170	mg/L	55.1682	0.03170	mg/L	0.06%
Mn 257.610	370329.6	0.804475	0.0012092	mg/L	0.804475	0.0012092	mg/L	0.15%
Se 196.026	3267.3	0.551808	0.0040863	mg/L	0.551808	0.0040863	mg/L	0.74%
V 292.402	83869.9	0.584453	0.0014851	mg/L	0.584453	0.0014851	mg/L	0.25%
Zn 206.200	35976.3	0.841537	0.0022759	mg/L	0.841537	0.0022759	mg/L	0.27%
Na 330.237	35128.8	56.7896	0.05035	mg/L	56.7896	0.05035	mg/L	0.09%
Ti 334.941	414055.1	0.934159	0.0031109	mg/L	0.934159	0.0031109	mg/L	0.33%
Mo 202.030	7925.0	0.546787	0.0011190	mg/L	0.546787	0.0011190	mg/L	0.20%
Sn 189.933	4866.7	0.599881	0.0008157	mg/L	0.599881	0.0008157	mg/L	0.14%
Be 234.861	268581.5	0.535175	0.0009970	mg/L	0.535175	0.0009970	mg/L	0.19%
As 188.979	1472.5	0.597639	0.0019964	mg/L	0.597639	0.0019964	mg/L	0.33%
Sb 206.833	1887.4	0.552859	0.0013142	mg/L	0.552859	0.0013142	mg/L	0.24%
Cr 206.158	13261.4	0.604434	0.0023284	mg/L	0.604434	0.0023284	mg/L	0.39%
Pb 220.353	4446.7	1.07726	0.001239	mg/L	1.07726	0.001239	mg/L	0.11%
Ni 231.604	11362.2	0.612153	0.0029830	mg/L	0.612153	0.0029830	mg/L	0.49%
Tl 190.800	679.5	0.529390	0.0028291	mg/L	0.529390	0.0028291	mg/L	0.53%

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: 8/4/05 11:00:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	63218.1	0.482370	0.0026988	mg/L				0.56%
Al 308.215	75903.9	5.15150	0.042960	mg/L				0.83%
Ba 233.527	21079.9	0.521745	0.0006058	mg/L				0.12%
Ca 315.887	1680707.7	49.7096	0.49710	mg/L				1.00%
Cd 226.502	47487.6	0.504731	0.0037682	mg/L				0.75%
Co 228.616	13405.1	0.494118	0.0012232	mg/L				0.25%
Cu 324.754	67147.6	0.506652	0.0034802	mg/L				0.69%
Fe 273.955	67575.9	5.11704	0.047172	mg/L				0.92%
Mg 279.079	577675.7	49.8735	0.49006	mg/L				0.98%
Mn 257.610	234313.3	0.509004	0.0050450	mg/L				0.99%
Se 196.026	3074.2	0.500551	0.0001816	mg/L				0.04%
V 292.402	73161.4	0.503947	0.0036895	mg/L				0.73%
Zn 206.200	21685.4	0.502927	0.0013031	mg/L				0.26%
Na 330.237	31648.6	50.0464	0.44460	mg/L				0.89%
Ti 334.941	222451.1	0.501877	0.0050624	mg/L				1.01%
Mo 202.030	7254.8	0.500551	0.0012450	mg/L				0.25%
Sn 189.933	4139.7	0.511179	0.0008915	mg/L				0.17%
Be 234.861	251745.3	0.498603	0.0047302	mg/L				0.95%
As 188.979	1261.1	0.513866	0.0030588	mg/L				0.60%
Sb 206.833	1726.4	0.503902	0.0029180	mg/L				0.58%

Cr 206.158	11246.6	0.506940	0.0021723	mg/L	0.43%
Pb 220.353	2100.8	0.508144	0.0003142	mg/L	0.06%
Ni 231.604	9323.7	0.511641	0.0008604	mg/L	0.17%
Tl 190.800	636.2	0.491632	0.0001833	mg/L	0.04%

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: 8/4/05 11:03:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-378.4	-0.0028876	0.00012394	mg/L				4.29%
Al 308.215	5349.1	0.0573295	0.00392491	mg/L				6.85%
Ba 233.527	-16.5	-0.0004092	0.00002475	mg/L				6.05%
Ca 315.887	-16015.0	-0.473669	0.0132945	mg/L				2.81%
Cd 226.502	-190.8	-0.0020281	0.00003015	mg/L				1.49%
Co 228.616	-92.5	-0.0034095	0.00013854	mg/L				4.06%
Cu 324.754	7365.9	0.0019072	0.00007048	mg/L				3.70%
Fe 273.955	293.2	-0.0114420	0.00180503	mg/L				15.78%
Mg 279.079	266.7	0.0230263	0.01090633	mg/L				47.36%
Mn 257.610	346.9	0.0007536	0.00004266	mg/L				5.66%
Se 196.026	47.2	0.0004916	0.00036812	mg/L				74.89%
V 292.402	-178.8	-0.0012482	0.00013650	mg/L				10.94%
Zn 206.200	168.6	-0.0068923	0.00004236	mg/L				0.61%
Na 330.237	933.3	1.43727	0.021543	mg/L				1.50%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-281.0	-0.0006339	0.00005737	mg/L				9.05%
Mo 202.030	-106.6	-0.0073528	0.00018757	mg/L				2.55%
Sn 189.933	-27.4	0.0027357	0.00075184	mg/L				27.48%
Be 234.861	-371.6	-0.0007359	0.00002575	mg/L				3.50%
As 188.979	-33.6	0.0008066	0.00037159	mg/L				46.07%
Sb 206.833	70.9	0.0003304	0.00056291	mg/L				170.36%
Cr 206.158	152.4	0.0004523	0.00034303	mg/L				75.84%
Pb 220.353	7.5	0.0002986	0.00251490	mg/L				842.21%
Ni 231.604	-15.7	-0.0013120	0.00010142	mg/L				7.73%
Tl 190.800	-62.7	0.0000507	0.00035104	mg/L				693.04%

Mean Data ----------

ID: 18807-013 Seq. No.: 20 Sample No.: 62 A/S Pos: 81
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:06:30 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-2059.4	-0.0059965	0.00028940	mg/L	-0.0059965	0.00028940	mg/L	4.83%
Al 308.215	726681.4	52.1387	0.32942	mg/L	52.1387	0.32942	mg/L	0.63%
Ba 233.527	22599.0	0.559343	0.0014212	mg/L	0.559343	0.0014212	mg/L	0.25%
Ca 315.887	412147.1	12.1899	0.11824	mg/L	12.1899	0.11824	mg/L	0.97%
Cd 226.502	877.3	-0.0000883	0.00012591	mg/L	-0.0000883	0.00012591	mg/L	142.58%
Co 228.616	1662.4	0.0612754	0.00040682	mg/L	0.0612754	0.00040682	mg/L	0.66%
Cu 324.754	25428.0	0.159802	0.0005416	mg/L	0.159802	0.0005416	mg/L	0.34%
Fe 273.955	1764298.8	134.446	0.7242	mg/L	134.446	0.7242	mg/L	0.54%
Mg 279.079	243701.5	21.0399	0.18299	mg/L	21.0399	0.18299	mg/L	0.87%
Mn 257.610	1827343.6	3.96958	0.027325	mg/L	3.96958	0.027325	mg/L	0.69%
Se 196.026	-95.3	0.0172922	0.00001397	mg/L	0.0172922	0.00001397	mg/L	0.08%
V 292.402	16716.3	0.130179	0.0001962	mg/L	0.130179	0.0001962	mg/L	0.15%
Zn 206.200	24312.0	0.565163	0.0037178	mg/L	0.565163	0.0037178	mg/L	0.66%
Na 330.237	1511.8	3.82233	0.005010	mg/L	3.82233	0.005010	mg/L	0.13%
Ti 334.941	861223.1	1.94302	0.017417	mg/L	1.94302	0.017417	mg/L	0.90%
Mo 202.030	-116.8	-0.0026777	0.00011006	mg/L	-0.0026777	0.00011006	mg/L	4.11%
Sn 189.933	282.0	0.0460286	0.00009113	mg/L	0.0460286	0.00009113	mg/L	0.20%
Be 234.861	-2944.6	0.0008934	0.00021048	mg/L	0.0008934	0.00021048	mg/L	23.56%
As 188.979	56.2	0.0444660	0.00025502	mg/L	0.0444660	0.00025502	mg/L	0.57%
Sb 206.833	97.0	0.0082946	0.00180583	mg/L	0.0082946	0.00180583	mg/L	21.77%
Cr 206.158	6499.2	0.290206	0.0023129	mg/L	0.290206	0.0023129	mg/L	0.80%
Pb 220.353	796.2	0.191650	0.0003862	mg/L	0.191650	0.0003862	mg/L	0.20%
Ni 231.604	2977.6	0.139236	0.0001312	mg/L	0.139236	0.0001312	mg/L	0.09%
Tl 190.800	-97.3	-0.0092057	0.00211372	mg/L	-0.0092057	0.00211372	mg/L	22.96%

Mean Data ----------

ID: 18807-013 SD Seq. No.: 21 Sample No.: 63 A/S Pos: 82

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:09:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-724.9	-0.0055311	0.00036962	mg/L	-0.0055311	0.00036962	mg/L	6.68%
Al 308.215	149237.1	10.4463	0.05989	mg/L	10.4463	0.05989	mg/L	0.57%
Ba 233.527	4566.5	0.113023	0.0008147	mg/L	0.113023	0.0008147	mg/L	0.72%
Ca 315.887	71312.0	2.10917	0.018428	mg/L	2.10917	0.018428	mg/L	0.87%
Cd 226.502	8.1	0.0000857	0.00008008	mg/L	0.0000857	0.00008008	mg/L	93.42%
Co 228.616	262.4	0.0096708	0.00001377	mg/L	0.0096708	0.00001377	mg/L	0.14%
Cu 324.754	10999.3	0.0325841	0.00024123	mg/L	0.0325841	0.00024123	mg/L	0.74%
Fe 273.955	370093.8	28.1758	0.21506	mg/L	28.1758	0.21506	mg/L	0.76%
Mg 279.079	49491.7	4.27286	0.026509	mg/L	4.27286	0.026509	mg/L	0.62%
Mn 257.610	379931.0	0.825332	0.0056602	mg/L	0.825332	0.0056602	mg/L	0.69%
Se 196.026	11.8	0.0030952	0.00057609	mg/L	0.0030952	0.00057609	mg/L	18.61%
V 292.402	3372.6	0.0235425	0.00023694	mg/L	0.0235425	0.00023694	mg/L	1.01%
Zn 206.200	5163.3	0.111452	0.0008914	mg/L	0.111452	0.0008914	mg/L	0.80%
Na 330.237	1109.0	1.70783	0.073292	mg/L	1.70783	0.073292	mg/L	4.29%
Ti 334.941	176217.9	0.397569	0.0019659	mg/L	0.397569	0.0019659	mg/L	0.49%
Mo 202.030	-113.8	-0.0078488	0.00022067	mg/L	-0.0078488	0.00022067	mg/L	2.81%
Sn 189.933	29.3	0.0096552	0.00049630	mg/L	0.0096552	0.00049630	mg/L	5.14%
Be 234.861	-947.7	-0.0018771	0.00000765	mg/L	-0.0018771	0.00000765	mg/L	0.41%
As 188.979	-18.2	0.0069117	0.00108956	mg/L	0.0069117	0.00108956	mg/L	15.76%
Sb 206.833	78.4	0.0026343	0.00186633	mg/L	0.0026343	0.00186633	mg/L	70.85%
Cr 206.158	1445.7	0.0594955	0.00046472	mg/L	0.0594955	0.00046472	mg/L	0.78%
Pb 220.353	169.7	0.0396608	0.00119239	mg/L	0.0396608	0.00119239	mg/L	3.01%
Ni 231.604	594.9	0.0297109	0.00317764	mg/L	0.0297109	0.00317764	mg/L	10.70%
Tl 190.800	-69.2	-0.0045435	0.00483795	mg/L	-0.0045435	0.00483795	mg/L	106.48%

Mean Data

ID: 18807-014 Seq. No.: 22 Sample No.: 64 A/S Pos: 83
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:12:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-557.1	-0.0042510	0.00001770	mg/L	-0.0042510	0.00001770	mg/L	0.42%
Al 308.215	84882.2	5.79975	0.050292	mg/L	5.79975	0.050292	mg/L	0.87%
Ba 233.527	3756.5	0.0929756	0.00048616	mg/L	0.0929756	0.00048616	mg/L	0.52%
Ca 315.887	12094.5	0.357714	0.0066388	mg/L	0.357714	0.0066388	mg/L	1.86%
Cd 226.502	243.0	-0.0019749	0.00006457	mg/L	-0.0019749	0.00006457	mg/L	3.27%
Co 228.616	-6.9	-0.0002560	0.00016382	mg/L	-0.0002560	0.00016382	mg/L	63.99%
Cu 324.754	12861.3	0.0483052	0.00046252	mg/L	0.0483052	0.00046252	mg/L	0.96%
Fe 273.955	854463.1	65.0959	0.66802	mg/L	65.0959	0.66802	mg/L	1.03%
Mg 279.079	21709.1	1.87425	0.015447	mg/L	1.87425	0.015447	mg/L	0.82%
Mn 257.610	24216.5	0.0526060	0.00032329	mg/L	0.0526060	0.00032329	mg/L	0.61%
Se 196.026	-11.6	0.0103201	0.00103277	mg/L	0.0103201	0.00103277	mg/L	10.01%
V 292.402	24.2	0.0067011	0.00006582	mg/L	0.0067011	0.00006582	mg/L	0.98%
Zn 206.200	2715.3	0.0534496	0.00014001	mg/L	0.0534496	0.00014001	mg/L	0.26%
Na 330.237	3088.2	4.75586	0.101045	mg/L	4.75586	0.101045	mg/L	2.12%
Ti 334.941	63513.2	0.143294	0.0012181	mg/L	0.143294	0.0012181	mg/L	0.85%
Mo 202.030	-93.7	-0.0064629	0.00009774	mg/L	-0.0064629	0.00009774	mg/L	1.51%
Sn 189.933	79.5	0.0157811	0.00029878	mg/L	0.0157811	0.00029878	mg/L	1.89%
Be 234.861	-2502.7	-0.0017005	0.00005662	mg/L	-0.0017005	0.00005662	mg/L	3.33%
As 188.979	18.6	0.0214782	0.00106643	mg/L	0.0214782	0.00106643	mg/L	4.97%
Sb 206.833	84.4	0.0044542	0.00159714	mg/L	0.0044542	0.00159714	mg/L	35.86%
Cr 206.158	643.6	0.0228809	0.00019800	mg/L	0.0228809	0.00019800	mg/L	0.87%
Pb 220.353	232.9	0.0549797	0.00055640	mg/L	0.0549797	0.00055640	mg/L	1.01%
Ni 231.604	674.8	0.0250600	0.00050531	mg/L	0.0250600	0.00050531	mg/L	2.02%
Tl 190.800	-66.9	-0.0029508	0.00064497	mg/L	-0.0029508	0.00064497	mg/L	21.86%

Mean Data

ID: 18807-015 Seq. No.: 23 Sample No.: 65 A/S Pos: 84
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:15:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-550.5	-0.0042004	0.00027011	mg/L	-0.0042004	0.00027011	mg/L	6.43%
Al 308.215	606985.8	43.4965	0.08908	mg/L	43.4965	0.08908	mg/L	0.20%
Ba 233.527	121246.6	3.00095	0.022210	mg/L	3.00095	0.022210	mg/L	0.74%

Ca 315.887	288840.4	8.54292	0.072016	mg/L	8.54292	0.072016	mg/L	0.84%
Cd 226.502	1353.4	0.0036959	0.00010131	mg/L	0.0036959	0.00010131	mg/L	2.74%
Co 228.616	523.9	0.0193114	0.00008660	mg/L	0.0193114	0.00008660	mg/L	0.45%
Cu 324.754	229682.6	1.88508	0.014182	mg/L	1.88508	0.014182	mg/L	0.75%
Fe 273.955	2003458.1	152.676	1.1483	mg/L	152.676	1.1483	mg/L	0.75%
Mg 279.079	35477.9	3.06298	0.010570	mg/L	3.06298	0.010570	mg/L	0.35%
Mn 257.610	147607.8	0.320652	0.0021542	mg/L	0.320652	0.0021542	mg/L	0.67%
Se 196.026	106.9	0.0561797	0.00108878	mg/L	0.0561797	0.00108878	mg/L	1.94%
V 292.402	11026.6	0.0922915	0.00022951	mg/L	0.0922915	0.00022951	mg/L	0.25%
Zn 206.200	191066.9	4.51626	0.029776	mg/L	4.51626	0.029776	mg/L	0.66%
Na 330.237	7291.9	21.8032	0.05247	mg/L	21.8032	0.05247	mg/L	0.24%
Ti 334.941	376130.4	0.848596	0.0247486	mg/L	0.848596	0.0247486	mg/L	2.92%
Mo 202.030	119.7	0.0143702	0.00015015	mg/L	0.0143702	0.00015015	mg/L	1.04%
Sn 189.933	647.0	0.0850209	0.00084719	mg/L	0.0850209	0.00084719	mg/L	1.00%
Be 234.861	-2915.8	0.0018625	0.00027604	mg/L	0.0018625	0.00027604	mg/L	14.82%
As 188.979	867.2	0.366938	0.0035340	mg/L	0.366938	0.0035340	mg/L	0.96%
Sb 206.833	155.5	0.0260683	0.00115568	mg/L	0.0260683	0.00115568	mg/L	4.43%
Cr 206.158	1838.3	0.107024	0.0001632	mg/L	0.107024	0.0001632	mg/L	0.15%
Pb 220.353	83305.7	20.2086	0.10514	mg/L	20.2086	0.10514	mg/L	0.52%
Ni 231.604	2807.0	0.126629	0.0001005	mg/L	0.126629	0.0001005	mg/L	0.08%
Tl 190.800	-76.8	-0.0032999	0.00034315	mg/L	-0.0032999	0.00034315	mg/L	10.40%

Mean Data

ID: 18807-016 Seq. No.: 24 Sample No.: 66 A/S Pos: 85
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:18:49 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2031.3	-0.0058061	0.00007000	mg/L	-0.0058061	0.00007000	mg/L	1.21%
Al 308.215	675731.5	48.4600	0.38836	mg/L	48.4600	0.38836	mg/L	0.80%
Ba 233.527	20130.4	0.498243	0.0014111	mg/L	0.498243	0.0014111	mg/L	0.28%
Ca 315.887	460101.8	13.6082	0.10811	mg/L	13.6082	0.10811	mg/L	0.79%
Cd 226.502	783.8	-0.0003312	0.00003844	mg/L	-0.0003312	0.00003844	mg/L	11.60%
Co 228.616	1627.1	0.0599743	0.00021708	mg/L	0.0599743	0.00021708	mg/L	0.36%
Cu 324.754	20518.0	0.112951	0.0001406	mg/L	0.112951	0.0001406	mg/L	0.12%
Fe 273.955	1623684.0	123.728	0.9957	mg/L	123.728	0.9957	mg/L	0.80%
Mg 279.079	236597.3	20.4266	0.16993	mg/L	20.4266	0.16993	mg/L	0.83%
Mn 257.610	1286766.1	2.79527	0.019899	mg/L	2.79527	0.019899	mg/L	0.71%
Se 196.026	-85.3	0.0157396	0.00047890	mg/L	0.0157396	0.00047890	mg/L	3.04%
V 292.402	16637.5	0.128553	0.0002085	mg/L	0.128553	0.0002085	mg/L	0.16%
Zn 206.200	24856.1	0.578053	0.0034938	mg/L	0.578053	0.0034938	mg/L	0.60%
Na 330.237	1588.9	4.05355	0.027320	mg/L	4.05355	0.027320	mg/L	0.67%
Ti 334.941	859054.7	1.93813	0.015915	mg/L	1.93813	0.015915	mg/L	0.82%
Mo 202.030	-116.0	-0.0080003	0.00043802	mg/L	-0.0080003	0.00043802	mg/L	5.48%
Sn 189.933	198.5	0.0358311	0.00047905	mg/L	0.0358311	0.00047905	mg/L	1.34%
Be 234.861	-2891.5	0.0004625	0.00007030	mg/L	0.0004625	0.00007030	mg/L	15.20%
As 188.979	59.8	0.0452527	0.00007887	mg/L	0.0452527	0.00007887	mg/L	0.17%
Sb 206.833	92.1	0.0067954	0.00109913	mg/L	0.0067954	0.00109913	mg/L	16.17%
Cr 206.158	6093.0	0.271660	0.0027025	mg/L	0.271660	0.0027025	mg/L	0.99%
Pb 220.353	632.2	0.151857	0.0024882	mg/L	0.151857	0.0024882	mg/L	1.64%
Ni 231.604	2772.5	0.129869	0.0010610	mg/L	0.129869	0.0010610	mg/L	0.82%
Tl 190.800	-93.0	-0.0062437	0.00362648	mg/L	-0.0062437	0.00362648	mg/L	58.08%

Mean Data

ID: 18807-017 Seq. No.: 25 Sample No.: 67 A/S Pos: 86
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:21:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-471.3	-0.0035964	0.00015657	mg/L	-0.0035964	0.00015657	mg/L	4.35%
Al 308.215	98181.9	6.76001	0.048860	mg/L	6.76001	0.048860	mg/L	0.72%
Ba 233.527	1578.3	0.0390635	0.00011800	mg/L	0.0390635	0.00011800	mg/L	0.30%
Ca 315.887	55959.5	1.65509	0.022399	mg/L	1.65509	0.022399	mg/L	1.35%
Cd 226.502	-110.2	-0.0011711	0.00012958	mg/L	-0.0011711	0.00012958	mg/L	11.07%
Co 228.616	14.3	0.0005287	0.00011654	mg/L	0.0005287	0.00011654	mg/L	22.04%
Cu 324.754	15425.5	0.0699549	0.00001591	mg/L	0.0699549	0.00001591	mg/L	0.02%
Fe 273.955	128772.4	9.78162	0.055009	mg/L	9.78162	0.055009	mg/L	0.56%
Mg 279.079	20661.0	1.78376	0.018885	mg/L	1.78376	0.018885	mg/L	1.06%
Mn 257.610	42676.3	0.0927066	0.00055800	mg/L	0.0927066	0.00055800	mg/L	0.60%
Se 196.026	48.2	0.0006536	0.00054645	mg/L	0.0006536	0.00054645	mg/L	83.60%

V 292.402	1541.3	0.0107589	0.00063840	mg/L	0.0107589	0.00063840	mg/L 5.93%
Zn 206.200	7303.0	0.162151	0.0003457	mg/L	0.162151	0.0003457	mg/L 0.21%
Na 330.237	1828.7	2.81617	0.044227	mg/L	2.81617	0.044227	mg/L 1.57%
Ti 334.941	55997.1	0.126336	0.0008936	mg/L	0.126336	0.0008936	mg/L 0.71%
Mo 202.030	-69.1	-0.0047687	0.00003275	mg/L	-0.0047687	0.00003275	mg/L 0.69%
Sn 189.933	86.3	0.0166082	0.00032021	mg/L	0.0166082	0.00032021	mg/L 1.93%
Be 234.861	-442.3	-0.0008760	0.00001578	mg/L	-0.0008760	0.00001578	mg/L 1.80%
As 188.979	-23.1	0.0049567	0.00104364	mg/L	0.0049567	0.00104364	mg/L 21.06%
Sb 206.833	80.9	0.0033754	0.00005983	mg/L	0.0033754	0.00005983	mg/L 1.77%
Cr 206.158	475.6	0.0152102	0.00005813	mg/L	0.0152102	0.00005813	mg/L 0.38%
Pb 220.353	223.9	0.0528180	0.00093457	mg/L	0.0528180	0.00093457	mg/L 1.77%
Ni 231.604	444.1	0.0239451	0.00144777	mg/L	0.0239451	0.00144777	mg/L 6.05%
Tl 190.800	-71.3	-0.0060088	0.00142230	mg/L	-0.0060088	0.00142230	mg/L 23.67%

Mean Data

ID: 18807-018 Seq. No.: 26 Sample No.: 68 A/S Pos: 87
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:24:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-728.6	-0.0055592	0.00020614	mg/L	-0.0055592	0.00020614	mg/L	3.71%
Al 308.215	276112.5	19.6069	0.27332	mg/L	19.6069	0.27332	mg/L	1.39%
Ba 233.527	3617.5	0.0895349	0.00009486	mg/L	0.0895349	0.00009486	mg/L	0.11%
Ca 315.887	28185.1	0.833619	0.0024745	mg/L	0.833619	0.0024745	mg/L	0.30%
Cd 226.502	132.8	-0.0021554	0.00003508	mg/L	-0.0021554	0.00003508	mg/L	1.63%
Co 228.616	635.3	0.0234156	0.00008753	mg/L	0.0234156	0.00008753	mg/L	0.37%
Cu 324.754	15546.5	0.0709765	0.00113361	mg/L	0.0709765	0.00113361	mg/L	1.60%
Fe 273.955	668748.3	50.9402	0.63336	mg/L	50.9402	0.63336	mg/L	1.24%
Mg 279.079	98139.0	8.47280	0.104559	mg/L	8.47280	0.104559	mg/L	1.23%
Mn 257.610	263535.4	0.572484	0.0070903	mg/L	0.572484	0.0070903	mg/L	1.24%
Se 196.026	-16.2	0.0052999	0.00046247	mg/L	0.0052999	0.00046247	mg/L	8.73%
V 292.402	7076.2	0.0545069	0.00058547	mg/L	0.0545069	0.00058547	mg/L	1.07%
Zn 206.200	11255.8	0.255809	0.0021104	mg/L	0.255809	0.0021104	mg/L	0.82%
Na 330.237	1298.9	2.66496	0.021056	mg/L	2.66496	0.021056	mg/L	0.79%
Ti 334.941	172085.4	0.388246	0.0044055	mg/L	0.388246	0.0044055	mg/L	1.13%
Mo 202.030	-70.8	-0.0048864	0.00045833	mg/L	-0.0048864	0.00045833	mg/L	9.38%
Sn 189.933	68.3	0.0144081	0.00008919	mg/L	0.0144081	0.00008919	mg/L	0.62%
Be 234.861	-1609.3	-0.0031874	0.00004016	mg/L	-0.0031874	0.00004016	mg/L	1.26%
As 188.979	-26.5	0.0036288	0.00100930	mg/L	0.0036288	0.00100930	mg/L	27.81%
Sb 206.833	82.7	0.0039364	0.00089660	mg/L	0.0039364	0.00089660	mg/L	22.78%
Cr 206.158	1647.8	0.0687243	0.00195056	mg/L	0.0687243	0.00195056	mg/L	2.84%
Pb 220.353	317.6	0.0755346	0.00024024	mg/L	0.0755346	0.00024024	mg/L	0.32%
Ni 231.604	1181.1	0.0553848	0.00014716	mg/L	0.0553848	0.00014716	mg/L	0.27%
Tl 190.800	-71.0	-0.0058378	0.00261474	mg/L	-0.0058378	0.00261474	mg/L	44.79%

Mean Data

ID: 18807-019 Seq. No.: 27 Sample No.: 69 A/S Pos: 88
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:27:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1068.5	-0.0004739	0.00018869	mg/L	-0.0004739	0.00018869	mg/L	39.81%
Al 308.215	1017018.6	73.1015	0.55267	mg/L	73.1015	0.55267	mg/L	0.76%
Ba 233.527	48548.8	1.20162	0.010910	mg/L	1.20162	0.010910	mg/L	0.91%
Ca 315.887	485858.6	14.3700	0.08973	mg/L	14.3700	0.08973	mg/L	0.62%
Cd 226.502	1524.0	0.0051756	0.00008641	mg/L	0.0051756	0.00008641	mg/L	1.67%
Co 228.616	2209.1	0.0814286	0.00015631	mg/L	0.0814286	0.00015631	mg/L	0.19%
Cu 324.754	135354.1	1.08885	0.011815	mg/L	1.08885	0.011815	mg/L	1.09%
Fe 273.955	2065842.2	157.431	1.3530	mg/L	157.431	1.3530	mg/L	0.86%
Mg 279.079	244534.3	21.1118	0.12755	mg/L	21.1118	0.12755	mg/L	0.60%
Mn 257.610	982283.9	2.13384	0.015248	mg/L	2.13384	0.015248	mg/L	0.71%
Se 196.026	-74.6	0.0276192	0.00206580	mg/L	0.0276192	0.00206580	mg/L	7.48%
V 292.402	21146.9	0.163414	0.0010666	mg/L	0.163414	0.0010666	mg/L	0.65%
Zn 206.200	134784.7	3.18271	0.022202	mg/L	3.18271	0.022202	mg/L	0.70%
Na 330.237	5155.7	15.8405	0.11182	mg/L	15.8405	0.11182	mg/L	0.71%
Ti 334.941	680575.8	1.53546	0.007939	mg/L	1.53546	0.007939	mg/L	0.52%
Mo 202.030	-70.5	0.0014381	0.00057458	mg/L	0.0014381	0.00057458	mg/L	39.95%
Sn 189.933	2382.7	0.296801	0.0010735	mg/L	0.296801	0.0010735	mg/L	0.36%
Be 234.861	-2669.1	0.0025889	0.00005361	mg/L	0.0025889	0.00005361	mg/L	2.07%
As 188.979	271.2	0.137825	0.0011706	mg/L	0.137825	0.0011706	mg/L	0.85%

Sb 206.833	182.3	0.0195925	0.00032786	mg/L	0.0195925	0.00032786	mg/L	1.67%
Cr 206.158	42011.6	1.93232	0.027448	mg/L	1.93232	0.027448	mg/L	1.42%
Pb 220.353	5918.7	1.43965	0.007118	mg/L	1.43965	0.007118	mg/L	0.49%
Ni 231.604	3838.7	0.182453	0.0007764	mg/L	0.182453	0.0007764	mg/L	0.43%
Tl 190.800	-87.7	-0.0056764	0.00187047	mg/L	-0.0056764	0.00187047	mg/L	32.95%

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
Data: Original Date: 8/4/05 11:30:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	63328.1	0.483209	0.0009178	mg/L				0.19%
Al 308.215	76662.2	5.20626	0.015408	mg/L				0.30%
Ba 233.527	21561.7	0.533670	0.0006505	mg/L				0.12%
Ca 315.887	1660820.9	49.1214	0.16963	mg/L				0.35%
Cd 226.502	47329.6	0.503052	0.0012649	mg/L				0.25%
Co 228.616	13369.8	0.492819	0.0008863	mg/L				0.18%
Cu 324.754	68461.1	0.517741	0.0003388	mg/L				0.07%
Fe 273.955	67912.4	5.14269	0.013527	mg/L				0.26%
Mg 279.079	572888.0	49.4602	0.15459	mg/L				0.31%
Mn 257.610	233188.6	0.506561	0.0015199	mg/L				0.30%
Se 196.026	3059.7	0.498146	0.0009117	mg/L				0.18%
V 292.402	73370.0	0.505459	0.0019918	mg/L				0.39%
Zn 206.200	21626.8	0.501540	0.0000109	mg/L				0.00%
Na 330.237	31952.6	50.5109	0.03162	mg/L				0.06%
Ti 334.941	220897.9	0.498373	0.0014340	mg/L				0.29%
Mo 202.030	7296.2	0.503405	0.0013119	mg/L				0.26%
Sn 189.933	4147.7	0.512152	0.0000592	mg/L				0.01%
Be 234.861	250358.4	0.495856	0.0013607	mg/L				0.27%
As 188.979	1281.2	0.521861	0.0012773	mg/L				0.24%
Sb 206.833	1752.8	0.511929	0.0021282	mg/L				0.42%
Cr 206.158	11457.3	0.516559	0.0002516	mg/L				0.05%
Pb 220.353	2116.1	0.511858	0.0011815	mg/L				0.23%
Ni 231.604	9525.5	0.522724	0.0004497	mg/L				0.09%
Tl 190.800	626.0	0.484466	0.0033505	mg/L				0.69%

Mean Data ----------

ID: CCB Seq. No.: 29 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: 8/4/05 11:32:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-336.2	-0.0025656	0.00013647	mg/L				5.32%
Al 308.215	5506.0	0.0686593	0.00191813	mg/L				2.79%
Ba 233.527	-18.3	-0.0004525	0.00002568	mg/L				5.67%
Ca 315.887	-15974.7	-0.472478	0.0109220	mg/L				2.31%
Cd 226.502	-196.7	-0.0020910	0.00004003	mg/L				1.91%
Co 228.616	-91.1	-0.0033569	0.00018938	mg/L				5.64%
Cu 324.754	7291.5	0.0012789	0.00015346	mg/L				12.00%
Fe 273.955	352.7	-0.0069108	0.00363959	mg/L				52.67%
Mg 279.079	268.1	0.0231466	0.00322206	mg/L				13.92%
Mn 257.610	398.9	0.0008665	0.00007304	mg/L				8.43%
Se 196.026	48.7	0.0007299	0.00012270	mg/L				16.81%
V 292.402	-184.9	-0.0012904	0.00009596	mg/L				7.44%
Zn 206.200	206.8	-0.0059885	0.00025814	mg/L				4.31%
Na 330.237	1038.3	1.59907	0.011518	mg/L				0.72%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-319.5	-0.0007208	0.00006012	mg/L				8.34%
Mo 202.030	-109.6	-0.0075615	0.00017376	mg/L				2.30%
Sn 189.933	-31.1	0.0022788	0.00101446	mg/L				44.52%
Be 234.861	-371.3	-0.0007354	0.00000298	mg/L				0.41%
As 188.979	-38.7	-0.0011992	0.00073429	mg/L				61.23%
Sb 206.833	75.1	0.0016291	0.00120063	mg/L				73.70%
Cr 206.158	156.9	0.0006603	0.00019475	mg/L				29.49%
Pb 220.353	10.2	0.0009642	0.00028747	mg/L				29.81%
Ni 231.604	-15.4	-0.0012919	0.00001017	mg/L				0.79%
Tl 190.800	-58.5	0.0029477	0.00240986	mg/L				81.75%

Mean Data ----------

ID: 18807-020 Seq. No.: 30 Sample No.: 70 A/S Pos: 89
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:35:41 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-568.2	-0.0043355	0.00002792	mg/L	-0.0043355	0.00002792	mg/L	0.64%
Al 308.215	124983.0	8.69509	0.079325	mg/L	8.69509	0.079325	mg/L	0.91%
Ba 233.527	1972.2	0.0488127	0.00020822	mg/L	0.0488127	0.00020822	mg/L	0.43%
Ca 315.887	42250.8	1.24963	0.017233	mg/L	1.24963	0.017233	mg/L	1.38%
Cd 226.502	68.8	0.0007308	0.00003526	mg/L	0.0007308	0.00003526	mg/L	4.82%
Co 228.616	19.4	0.0007135	0.00022922	mg/L	0.0007135	0.00022922	mg/L	32.13%
Cu 324.754	17909.8	0.0909308	0.00055713	mg/L	0.0909308	0.00055713	mg/L	0.61%
Fe 273.955	528051.6	40.2158	0.37509	mg/L	40.2158	0.37509	mg/L	0.93%
Mg 279.079	36696.7	3.16820	0.043148	mg/L	3.16820	0.043148	mg/L	1.36%
Mn 257.610	39043.4	0.0848148	0.00090095	mg/L	0.0848148	0.00090095	mg/L	1.06%
Se 196.026	5.2	0.0056222	0.00045270	mg/L	0.0056222	0.00045270	mg/L	8.05%
V 292.402	2257.9	0.0157615	0.00034299	mg/L	0.0157615	0.00034299	mg/L	2.18%
Zn 206.200	5050.7	0.108784	0.0004040	mg/L	0.108784	0.0004040	mg/L	0.37%
Na 330.237	2131.4	3.28242	0.046595	mg/L	3.28242	0.046595	mg/L	1.42%
Ti 334.941	91452.0	0.206327	0.0032191	mg/L	0.206327	0.0032191	mg/L	1.56%
Mo 202.030	-93.3	-0.0064345	0.00001245	mg/L	-0.0064345	0.00001245	mg/L	0.19%
Sn 189.933	87.2	0.0167183	0.00063778	mg/L	0.0167183	0.00063778	mg/L	3.81%
Be 234.861	-1571.5	-0.0031125	0.00003235	mg/L	-0.0031125	0.00003235	mg/L	1.04%
As 188.979	5.1	0.0161275	0.00163856	mg/L	0.0161275	0.00163856	mg/L	10.16%
Sb 206.833	84.6	0.0045070	0.00025366	mg/L	0.0045070	0.00025366	mg/L	5.63%
Cr 206.158	651.6	0.0232437	0.00026845	mg/L	0.0232437	0.00026845	mg/L	1.15%
Pb 220.353	204.4	0.0480642	0.00089396	mg/L	0.0480642	0.00089396	mg/L	1.86%
Ni 231.604	568.4	0.0236355	0.00026724	mg/L	0.0236355	0.00026724	mg/L	1.13%
Tl 190.800	-73.4	-0.0075322	0.00150493	mg/L	-0.0075322	0.00150493	mg/L	19.98%

Mean Data

ID: 18807-001 Seq. No.: 31 Sample No.: 71 A/S Pos: 90
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:38:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-649.2	-0.0049537	0.00031819	mg/L	-0.0049537	0.00031819	mg/L	6.42%
Al 308.215	98444.9	6.77900	0.000935	mg/L	6.77900	0.000935	mg/L	0.01%
Ba 233.527	5020.3	0.124256	0.0006533	mg/L	0.124256	0.0006533	mg/L	0.53%
Ca 315.887	86022.2	2.54424	0.035616	mg/L	2.54424	0.035616	mg/L	1.40%
Cd 226.502	79.4	0.0008441	0.00011824	mg/L	0.0008441	0.00011824	mg/L	14.01%
Co 228.616	134.7	0.0049647	0.00001727	mg/L	0.0049647	0.00001727	mg/L	0.35%
Cu 324.754	22209.5	0.127233	0.0002298	mg/L	0.127233	0.0002298	mg/L	0.18%
Fe 273.955	427626.3	32.5611	0.24593	mg/L	32.5611	0.24593	mg/L	0.76%
Mg 279.079	30667.6	2.64768	0.021762	mg/L	2.64768	0.021762	mg/L	0.82%
Mn 257.610	51532.5	0.111945	0.0007447	mg/L	0.111945	0.0007447	mg/L	0.67%
Se 196.026	45.7	0.0100087	0.00024698	mg/L	0.0100087	0.00024698	mg/L	2.47%
V 292.402	2375.0	0.0165786	0.00004714	mg/L	0.0165786	0.00004714	mg/L	0.28%
Zn 206.200	8694.6	0.195123	0.0018367	mg/L	0.195123	0.0018367	mg/L	0.94%
Na 330.237	2271.6	4.00533	0.011545	mg/L	4.00533	0.011545	mg/L	0.29%
Ti 334.941	132136.7	0.298117	0.0021896	mg/L	0.298117	0.0021896	mg/L	0.73%
Mo 202.030	-51.6	-0.0035600	0.00026077	mg/L	-0.0035600	0.00026077	mg/L	7.32%
Sn 189.933	104.9	0.0188802	0.00082392	mg/L	0.0188802	0.00082392	mg/L	4.36%
Be 234.861	-899.1	-0.0017807	0.00004671	mg/L	-0.0017807	0.00004671	mg/L	2.62%
As 188.979	13.7	0.0195545	0.00019526	mg/L	0.0195545	0.00019526	mg/L	1.00%
Sb 206.833	78.6	0.0026928	0.00193567	mg/L	0.0026928	0.00193567	mg/L	71.88%
Cr 206.158	799.8	0.0300118	0.00030203	mg/L	0.0300118	0.00030203	mg/L	1.01%
Pb 220.353	358.0	0.0853345	0.00171466	mg/L	0.0853345	0.00171466	mg/L	2.01%
Ni 231.604	847.2	0.0403038	0.00010343	mg/L	0.0403038	0.00010343	mg/L	0.26%
Tl 190.800	-74.4	-0.0082300	0.00033348	mg/L	-0.0082300	0.00033348	mg/L	4.05%

Mean Data

ID: 18807-002 Seq. No.: 32 Sample No.: 72 A/S Pos: 91
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:41:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-893.1	-0.0068148	0.00033004	mg/L	-0.0068148	0.00033004	mg/L	4.84%
Al 308.215	258216.4	18.3148	0.13914	mg/L	18.3148	0.13914	mg/L	0.76%

Ba 233.527	10586.6	0.262026	0.0024546	mg/L	0.262026	0.0024546	mg/L	0.94%
Ca 315.887	29598.1	0.875413	0.0090600	mg/L	0.875413	0.0090600	mg/L	1.03%
Cd 226.502	114.5	-0.0022351	0.00000180	mg/L	-0.0022351	0.00000180	mg/L	0.08%
Co 228.616	314.9	0.0116063	0.00002254	mg/L	0.0116063	0.00002254	mg/L	0.19%
Cu 324.754	26838.4	0.166316	0.0008321	mg/L	0.166316	0.0008321	mg/L	0.50%
Fe 273.955	647283.9	49.3041	0.33610	mg/L	49.3041	0.33610	mg/L	0.68%
Mg 279.079	71595.0	6.18113	0.070651	mg/L	6.18113	0.070651	mg/L	1.14%
Mn 257.610	108231.5	0.235114	0.0019565	mg/L	0.235114	0.0019565	mg/L	0.83%
Se 196.026	-8.1	0.0061484	0.00070678	mg/L	0.0061484	0.00070678	mg/L	11.50%
V 292.402	8277.2	0.0577791	0.00024698	mg/L	0.0577791	0.00024698	mg/L	0.43%
Zn 206.200	8607.6	0.193061	0.0010000	mg/L	0.193061	0.0010000	mg/L	0.52%
Na 330.237	1133.2	1.99681	0.389068	mg/L	1.99681	0.389068	mg/L	19.48%
Ti 334.941	257408.6	0.580745	0.0067600	mg/L	0.580745	0.0067600	mg/L	1.16%
Mo 202.030	149.9	0.0103451	0.00002760	mg/L	0.0103451	0.00002760	mg/L	0.27%
Sn 189.933	329.9	0.0463329	0.00072604	mg/L	0.0463329	0.00072604	mg/L	1.57%
Be 234.861	-1638.1	-0.0032444	0.00003289	mg/L	-0.0032444	0.00003289	mg/L	1.01%
As 188.979	35.6	0.0282197	0.00219476	mg/L	0.0282197	0.00219476	mg/L	7.78%
Sb 206.833	87.6	0.0054271	0.00055389	mg/L	0.0054271	0.00055389	mg/L	10.21%
Cr 206.158	2691.3	0.116361	0.0006588	mg/L	0.116361	0.0006588	mg/L	0.57%
Pb 220.353	6160.1	1.49294	0.000686	mg/L	1.49294	0.000686	mg/L	0.05%
Ni 231.604	1293.8	0.0618649	0.00004321	mg/L	0.0618649	0.00004321	mg/L	0.07%
Tl 190.800	-77.2	-0.0101663	0.00125593	mg/L	-0.0101663	0.00125593	mg/L	12.35%

Mean Data ----------

ID: 18807-003 Seq. No.: 33 Sample No.: 73 A/S Pos: 92
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:44:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2070.9	-0.0064220	0.00057245	mg/L	-0.0064220	0.00057245	mg/L	8.91%
Al 308.215	923830.4	66.3732	1.09598	mg/L	66.3732	1.09598	mg/L	1.65%
Ba 233.527	37620.9	0.931148	0.0134273	mg/L	0.931148	0.0134273	mg/L	1.44%
Ca 315.887	490149.6	14.4970	0.18082	mg/L	14.4970	0.18082	mg/L	1.25%
Cd 226.502	775.2	-0.0003455	0.00027242	mg/L	-0.0003455	0.00027242	mg/L	78.84%
Co 228.616	1560.1	0.0575065	0.00039281	mg/L	0.0575065	0.00039281	mg/L	0.68%
Cu 324.754	18133.6	0.0928203	0.00181163	mg/L	0.0928203	0.00181163	mg/L	1.95%
Fe 273.955	1609038.4	122.612	1.6936	mg/L	122.612	1.6936	mg/L	1.38%
Mg 279.079	261114.3	22.5432	0.29163	mg/L	22.5432	0.29163	mg/L	1.29%
Mn 257.610	896301.5	1.94706	0.025431	mg/L	1.94706	0.025431	mg/L	1.31%
Se 196.026	-80.4	0.0162133	0.00026419	mg/L	0.0162133	0.00026419	mg/L	1.63%
V 292.402	23551.9	0.176707	0.0022287	mg/L	0.176707	0.0022287	mg/L	1.26%
Zn 206.200	18478.6	0.426944	0.0003494	mg/L	0.426944	0.0003494	mg/L	0.08%
Na 330.237	1008.6	2.74188	0.007975	mg/L	2.74188	0.007975	mg/L	0.29%
Ti 334.941	831260.2	1.87542	0.026421	mg/L	1.87542	0.026421	mg/L	1.41%
Mo 202.030	-115.7	-0.0079834	0.00029498	mg/L	-0.0079834	0.00029498	mg/L	3.69%
Sn 189.933	88.9	0.0222799	0.00090524	mg/L	0.0222799	0.00090524	mg/L	4.06%
Be 234.861	-2111.4	0.0019517	0.00008898	mg/L	0.0019517	0.00008898	mg/L	4.56%
As 188.979	-5.6	0.0192572	0.00089579	mg/L	0.0192572	0.00089579	mg/L	4.65%
Sb 206.833	83.3	0.0041010	0.00258253	mg/L	0.0041010	0.00258253	mg/L	62.97%
Cr 206.158	4857.5	0.215255	0.0004655	mg/L	0.215255	0.0004655	mg/L	0.22%
Pb 220.353	265.5	0.0628956	0.00148160	mg/L	0.0628956	0.00148160	mg/L	2.36%
Ni 231.604	3369.7	0.162870	0.0007835	mg/L	0.162870	0.0007835	mg/L	0.48%
Tl 190.800	-98.7	-0.0107428	0.00057137	mg/L	-0.0107428	0.00057137	mg/L	5.32%

Mean Data ----------

ID: 18807-004 Seq. No.: 34 Sample No.: 74 A/S Pos: 93
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:46:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-640.9	-0.0048905	0.00032064	mg/L	-0.0048905	0.00032064	mg/L	6.56%
Al 308.215	60829.4	4.06310	0.479883	mg/L	4.06310	0.479883	mg/L	11.81%
Ba 233.527	11034.9	0.273124	0.0007566	mg/L	0.273124	0.0007566	mg/L	0.28%
Ca 315.887	91781.3	2.71458	0.003542	mg/L	2.71458	0.003542	mg/L	0.13%
Cd 226.502	1.3	0.0000139	0.00000966	mg/L	0.0000139	0.00000966	mg/L	69.56%
Co 228.616	813.1	0.0299711	0.00040794	mg/L	0.0299711	0.00040794	mg/L	1.36%
Cu 324.754	21484.7	0.121114	0.0008192	mg/L	0.121114	0.0008192	mg/L	0.68%
Fe 273.955	351717.6	26.7752	0.07289	mg/L	26.7752	0.07289	mg/L	0.27%
Mg 279.079	9334.3	0.805872	0.0204973	mg/L	0.805872	0.0204973	mg/L	2.54%
Mn 257.610	15905.8	0.0345526	0.00143955	mg/L	0.0345526	0.00143955	mg/L	4.17%

Se 196.026	116.4	0.0199572	0.00118248	mg/L	0.0199572	0.00118248	mg/L	5.93%
V 292.402	6870.9	0.0479621	0.00061356	mg/L	0.0479621	0.00061356	mg/L	1.28%
Zn 206.200	6054.5	0.132569	0.0002696	mg/L	0.132569	0.0002696	mg/L	0.20%
Na 330.237	1533.0	2.36083	0.147808	mg/L	2.36083	0.147808	mg/L	6.26%
Ti 334.941	128943.0	0.290911	0.0216753	mg/L	0.290911	0.0216753	mg/L	7.45%
Mo 202.030	-26.5	-0.0018270	0.00020981	mg/L	-0.0018270	0.00020981	mg/L	11.48%
Sn 189.933	80.2	0.0158639	0.00103283	mg/L	0.0158639	0.00103283	mg/L	6.51%
Be 234.861	903.3	0.0017891	0.00005701	mg/L	0.0017891	0.00005701	mg/L	3.19%
As 188.979	126.2	0.0641346	0.00222409	mg/L	0.0641346	0.00222409	mg/L	3.47%
Sb 206.833	70.2	0.0001244	0.00045071	mg/L	0.0001244	0.00045071	mg/L	362.18%
Cr 206.158	920.9	0.0355382	0.00023492	mg/L	0.0355382	0.00023492	mg/L	0.66%
Pb 220.353	257.7	0.0610089	0.00043262	mg/L	0.0610089	0.00043262	mg/L	0.71%
Ni 231.604	1232.4	0.0672369	0.00066632	mg/L	0.0672369	0.00066632	mg/L	0.99%
Tl 190.800	-70.6	-0.0055651	0.00448579	mg/L	-0.0055651	0.00448579	mg/L	80.61%

Mean Data ----------

ID: 18807-005 Seq. No.: 35 Sample No.: 75 A/S Pos: 94
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:49:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1027.3	-0.0078388	0.00063401	mg/L	-0.0078388	0.00063401	mg/L	8.09%
Al 308.215	211572.6	14.9470	0.02386	mg/L	14.9470	0.02386	mg/L	0.16%
Ba 233.527	4554.0	0.112715	0.0004059	mg/L	0.112715	0.0004059	mg/L	0.36%
Ca 315.887	37337.3	1.10431	0.002180	mg/L	1.10431	0.002180	mg/L	0.20%
Cd 226.502	90.7	-0.0022742	0.00000430	mg/L	-0.0022742	0.00000430	mg/L	0.19%
Co 228.616	291.6	0.0107472	0.00034515	mg/L	0.0107472	0.00034515	mg/L	3.21%
Cu 324.754	15009.0	0.0664387	0.00021913	mg/L	0.0664387	0.00021913	mg/L	0.33%
Fe 273.955	607303.0	46.2566	0.19105	mg/L	46.2566	0.19105	mg/L	0.41%
Mg 279.079	71922.9	6.20945	0.017031	mg/L	6.20945	0.017031	mg/L	0.27%
Mn 257.610	91392.0	0.198533	0.0004735	mg/L	0.198533	0.0004735	mg/L	0.24%
Se 196.026	-15.0	0.0040994	0.00077617	mg/L	0.0040994	0.00077617	mg/L	18.93%
V 292.402	8801.4	0.0614381	0.00061146	mg/L	0.0614381	0.00061146	mg/L	1.00%
Zn 206.200	5461.1	0.118508	0.0001720	mg/L	0.118508	0.0001720	mg/L	0.15%
Na 330.237	872.3	1.34339	0.053805	mg/L	1.34339	0.053805	mg/L	4.01%
Ti 334.941	355190.5	0.801353	0.0021027	mg/L	0.801353	0.0021027	mg/L	0.26%
Mo 202.030	-107.3	-0.0074011	0.00037690	mg/L	-0.0074011	0.00037690	mg/L	5.09%
Sn 189.933	52.0	0.0124173	0.00079124	mg/L	0.0124173	0.00079124	mg/L	6.37%
Be 234.861	-1900.9	-0.0037648	0.00008545	mg/L	-0.0037648	0.00008545	mg/L	2.27%
As 188.979	-9.4	0.0104031	0.00122455	mg/L	0.0104031	0.00122455	mg/L	11.77%
Sb 206.833	79.0	0.0028008	0.00053008	mg/L	0.0028008	0.00053008	mg/L	18.93%
Cr 206.158	1540.0	0.0638047	0.00034787	mg/L	0.0638047	0.00034787	mg/L	0.55%
Pb 220.353	137.2	0.0317819	0.00144895	mg/L	0.0317819	0.00144895	mg/L	4.56%
Ni 231.604	1086.3	0.0510091	0.00027974	mg/L	0.0510091	0.00027974	mg/L	0.55%
Tl 190.800	-78.0	-0.0045475	0.00161176	mg/L	-0.0045475	0.00161176	mg/L	35.44%

Mean Data ----------

ID: 18807-006 Seq. No.: 36 Sample No.: 76 A/S Pos: 95
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:52:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2582.9	-0.0070608	0.00067384	mg/L	-0.0070608	0.00067384	mg/L	9.54%
Al 308.215	1171473.5	84.2534	0.64108	mg/L	84.2534	0.64108	mg/L	0.76%
Ba 233.527	35113.3	0.869083	0.0059136	mg/L	0.869083	0.0059136	mg/L	0.68%
Ca 315.887	471617.3	13.9488	0.05652	mg/L	13.9488	0.05652	mg/L	0.41%
Cd 226.502	615.2	-0.0016621	0.00000903	mg/L	-0.0016621	0.00000903	mg/L	0.54%
Co 228.616	1632.9	0.0601903	0.00012934	mg/L	0.0601903	0.00012934	mg/L	0.21%
Cu 324.754	17586.9	0.0882045	0.00074901	mg/L	0.0882045	0.00074901	mg/L	0.85%
Fe 273.955	1537282.8	117.142	0.9167	mg/L	117.142	0.9167	mg/L	0.78%
Mg 279.079	337145.9	29.1074	0.15012	mg/L	29.1074	0.15012	mg/L	0.52%
Mn 257.610	755379.4	1.64093	0.010392	mg/L	1.64093	0.010392	mg/L	0.63%
Se 196.026	-75.4	0.0153983	0.00147802	mg/L	0.0153983	0.00147802	mg/L	9.60%
V 292.402	28752.7	0.212463	0.0009594	mg/L	0.212463	0.0009594	mg/L	0.45%
Zn 206.200	17965.3	0.414782	0.0012520	mg/L	0.414782	0.0012520	mg/L	0.30%
Na 330.237	833.1	2.83406	0.030584	mg/L	2.83406	0.030584	mg/L	1.08%
Ti 334.941	1120884.7	2.52885	0.011306	mg/L	2.52885	0.011306	mg/L	0.45%
Mo 202.030	-113.9	-0.0078553	0.00021585	mg/L	-0.0078553	0.00021585	mg/L	2.75%
Sn 189.933	90.5	0.0243333	0.00080169	mg/L	0.0243333	0.00080169	mg/L	3.29%
Be 234.861	-2159.1	0.0015836	0.00002657	mg/L	0.0015836	0.00002657	mg/L	1.68%

As 188.979	10.4	0.0303226	0.00085506	mg/L	0.0303226	0.00085506	mg/L	2.82%
Sb 206.833	84.4	0.0044503	0.00126467	mg/L	0.0044503	0.00126467	mg/L	28.42%
Cr 206.158	5528.5	0.245890	0.0002840	mg/L	0.245890	0.0002840	mg/L	0.12%
Pb 220.353	304.3	0.0783992	0.00149427	mg/L	0.0783992	0.00149427	mg/L	1.91%
Ni 231.604	3415.4	0.166350	0.0002141	mg/L	0.166350	0.0002141	mg/L	0.13%
Tl 190.800	-106.5	-0.0111311	0.00082252	mg/L	-0.0111311	0.00082252	mg/L	7.39%

Mean Data ----------

ID: 18807-007 Seq. No.: 37 Sample No.: 77 A/S Pos: 96
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:55:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-343.8	-0.0026230	0.00040390	mg/L	-0.0026230	0.00040390	mg/L	15.40%
Al 308.215	8021.2	0.250261	0.0007822	mg/L	0.250261	0.0007822	mg/L	0.31%
Ba 233.527	40.8	0.0010108	0.00012676	mg/L	0.0010108	0.00012676	mg/L	12.54%
Ca 315.887	-66.4	-0.0019636	0.02256400	mg/L	-0.0019636	0.02256400	mg/L	>999.9%
Cd 226.502	-236.2	-0.0025106	0.00000601	mg/L	-0.0025106	0.00000601	mg/L	0.24%
Co 228.616	-103.0	-0.0037962	0.00005711	mg/L	-0.0037962	0.00005711	mg/L	1.50%
Cu 324.754	10869.9	0.0314913	0.00038663	mg/L	0.0314913	0.00038663	mg/L	1.23%
Fe 273.955	4929.1	0.341918	0.0210877	mg/L	0.341918	0.0210877	mg/L	6.17%
Mg 279.079	621.1	0.0536231	0.00205423	mg/L	0.0536231	0.00205423	mg/L	3.83%
Mn 257.610	2003.3	0.0043519	0.00018408	mg/L	0.0043519	0.00018408	mg/L	4.23%
Se 196.026	71.2	0.0044589	0.00047341	mg/L	0.0044589	0.00047341	mg/L	10.62%
V 292.402	-134.2	-0.0009367	0.00002381	mg/L	-0.0009367	0.00002381	mg/L	2.54%
Zn 206.200	861.2	0.0095186	0.00014411	mg/L	0.0095186	0.00014411	mg/L	1.51%
Na 330.237	1557.4	2.39848	0.043701	mg/L	2.39848	0.043701	mg/L	1.82%
Ti 334.941	316.7	0.0007146	0.00005272	mg/L	0.0007146	0.00005272	mg/L	7.38%
Mo 202.030	-119.5	-0.0082453	0.00004553	mg/L	-0.0082453	0.00004553	mg/L	0.55%
Sn 189.933	84.7	0.0164075	0.00057523	mg/L	0.0164075	0.00057523	mg/L	3.51%
Be 234.861	-464.8	-0.0009205	0.00003116	mg/L	-0.0009205	0.00003116	mg/L	3.39%
As 188.979	-38.5	-0.0011494	0.00007477	mg/L	-0.0011494	0.00007477	mg/L	6.51%
Sb 206.833	84.0	0.0043241	0.00024803	mg/L	0.0043241	0.00024803	mg/L	5.74%
Cr 206.158	242.2	0.0045560	0.00022043	mg/L	0.0045560	0.00022043	mg/L	4.84%
Pb 220.353	10.6	0.0010652	0.00011515	mg/L	0.0010652	0.00011515	mg/L	10.81%
Ni 231.604	205.4	0.0108338	0.00070918	mg/L	0.0108338	0.00070918	mg/L	6.55%
Tl 190.800	-74.9	-0.0085322	0.00440894	mg/L	-0.0085322	0.00440894	mg/L	51.67%

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: 8/4/05 11:58:13 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	63597.3	0.485264	0.0000319	mg/L				0.01%
Al 308.215	77200.0	5.24508	0.004503	mg/L				0.09%
Ba 233.527	22296.0	0.551844	0.0001672	mg/L				0.03%
Ca 315.887	1642174.5	48.5699	0.18332	mg/L				0.38%
Cd 226.502	47152.4	0.501168	0.0022932	mg/L				0.46%
Co 228.616	13430.4	0.495050	0.0008952	mg/L				0.18%
Cu 324.754	69738.6	0.528527	0.0002988	mg/L				0.06%
Fe 273.955	68320.4	5.17379	0.004398	mg/L				0.08%
Mg 279.079	569566.9	49.1734	0.18110	mg/L				0.37%
Mn 257.610	232224.0	0.504465	0.0017040	mg/L				0.34%
Se 196.026	3087.2	0.502690	0.0033985	mg/L				0.68%
V 292.402	73656.9	0.507500	0.0012127	mg/L				0.24%
Zn 206.200	21572.0	0.500240	0.0009294	mg/L				0.19%
Na 330.237	32337.4	51.1001	0.02280	mg/L				0.04%
Ti 334.941	218618.6	0.493230	0.0020344	mg/L				0.41%
Mo 202.030	7376.1	0.508918	0.0024160	mg/L				0.47%
Sn 189.933	4156.9	0.513277	0.0002048	mg/L				0.04%
Be 234.861	248808.4	0.492786	0.0018274	mg/L				0.37%
As 188.979	1310.8	0.533558	0.0027581	mg/L				0.52%
Sb 206.833	1775.2	0.518737	0.0037168	mg/L				0.72%
Cr 206.158	11732.8	0.529135	0.0036271	mg/L				0.69%
Pb 220.353	2137.1	0.516955	0.0014625	mg/L				0.28%
Ni 231.604	9792.8	0.537405	0.0029028	mg/L				0.54%
Tl 190.800	626.5	0.484804	0.0014585	mg/L				0.30%

Mean Data ----------

ID: CCB Seq. No.: 39 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: 8/5/05 12:01:04 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-346.0	-0.0026400	0.00012349	mg/L				4.68%
Al 308.215	5778.1	0.0883072	0.00017961	mg/L				0.20%
Ba 233.527	-12.1	-0.0002998	0.00001419	mg/L				4.73%
Ca 315.887	-14996.0	-0.443530	0.0024853	mg/L				0.56%
Cd 226.502	-204.6	-0.0021743	0.00002122	mg/L				0.98%
Co 228.616	-94.5	-0.0034849	0.00001985	mg/L				0.57%
Cu 324.754	7219.1	0.0006670	0.00003598	mg/L				5.39%
Fe 273.955	348.7	-0.0072099	0.00061928	mg/L				8.59%
Mg 279.079	410.7	0.0354593	0.00433391	mg/L				12.22%
Mn 257.610	428.6	0.0009310	0.00002697	mg/L				2.90%
Se 196.026	45.7	0.0002457	0.00093852	mg/L				381.94%
V 292.402	-169.5	-0.0011831	0.00018385	mg/L				15.54%
Zn 206.200	164.6	-0.0069866	0.00004160	mg/L				0.60%
Na 330.237	1063.8	1.63827	0.044554	mg/L				2.72%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-297.9	-0.0006721	0.00005153	mg/L				7.67%
Mo 202.030	-110.7	-0.0076377	0.00007703	mg/L				1.01%
Sn 189.933	-38.3	0.0013979	0.00156583	mg/L				112.01%
Be 234.861	-334.8	-0.0006630	0.00000936	mg/L				1.41%
As 188.979	-35.1	0.0002318	0.00038443	mg/L				165.85%
Sb 206.833	76.6	0.0020882	0.00099584	mg/L				47.69%
Cr 206.158	155.5	0.0005960	0.00015373	mg/L				25.79%
Pb 220.353	6.0	-0.0000596	0.00045117	mg/L				756.89%
Ni 231.604	-18.2	-0.0014477	0.00034372	mg/L				23.74%
Tl 190.800	-64.4	-0.0011713	0.00214081	mg/L				182.77%

Mean Data

ID: 18807-008 Seq. No.: 40 Sample No.: 78 A/S Pos: 97
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/5/05 12:03:53 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-598.6	-0.0045675	0.00018672	mg/L	-0.0045675	0.00018672	mg/L	4.09%
Al 308.215	164227.1	11.5286	0.12016	mg/L	11.5286	0.12016	mg/L	1.04%
Ba 233.527	1684.6	0.0416956	0.00016738	mg/L	0.0416956	0.00016738	mg/L	0.40%
Ca 315.887	110955.5	3.28169	0.031220	mg/L	3.28169	0.031220	mg/L	0.95%
Cd 226.502	-33.9	-0.0003603	0.00000929	mg/L	-0.0003603	0.00000929	mg/L	2.58%
Co 228.616	22.8	0.0008409	0.00015207	mg/L	0.0008409	0.00015207	mg/L	18.09%
Cu 324.754	20403.8	0.111987	0.0011325	mg/L	0.111987	0.0011325	mg/L	1.01%
Fe 273.955	353689.8	26.9255	0.25646	mg/L	26.9255	0.25646	mg/L	0.95%
Mg 279.079	53287.6	4.60057	0.045511	mg/L	4.60057	0.045511	mg/L	0.99%
Mn 257.610	64179.0	0.139417	0.0010421	mg/L	0.139417	0.0010421	mg/L	0.75%
Se 196.026	20.4	0.0041422	0.00053413	mg/L	0.0041422	0.00053413	mg/L	12.89%
V 292.402	2910.8	0.0203190	0.00019410	mg/L	0.0203190	0.00019410	mg/L	0.96%
Zn 206.200	4998.2	0.107541	0.0003307	mg/L	0.107541	0.0003307	mg/L	0.31%
Na 330.237	2357.6	3.63072	0.076715	mg/L	3.63072	0.076715	mg/L	2.11%
Ti 334.941	100893.5	0.227628	0.0025023	mg/L	0.227628	0.0025023	mg/L	1.10%
Mo 202.030	-85.8	-0.0059210	0.00021748	mg/L	-0.0059210	0.00021748	mg/L	3.67%
Sn 189.933	73.0	0.0149798	0.00010962	mg/L	0.0149798	0.00010962	mg/L	0.73%
Be 234.861	-1031.1	-0.0020421	0.00004584	mg/L	-0.0020421	0.00004584	mg/L	2.24%
As 188.979	25.0	0.0240170	0.00019117	mg/L	0.0240170	0.00019117	mg/L	0.80%
Sb 206.833	86.8	0.0051913	0.00081744	mg/L	0.0051913	0.00081744	mg/L	15.75%
Cr 206.158	731.2	0.0268783	0.00005404	mg/L	0.0268783	0.00005404	mg/L	0.20%
Pb 220.353	178.7	0.0418528	0.00214562	mg/L	0.0418528	0.00214562	mg/L	5.13%
Ni 231.604	638.0	0.0345936	0.00021944	mg/L	0.0345936	0.00021944	mg/L	0.63%
Tl 190.800	-70.2	-0.0052420	0.00206817	mg/L	-0.0052420	0.00206817	mg/L	39.45%

Mean Data

ID: 18807-010 Seq. No.: 41 Sample No.: 79 A/S Pos: 98
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/5/05 12:06:42 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-679.0	-0.0051810	0.00026751	mg/L	-0.0051810	0.00026751	mg/L	5.16%

Al 308.215	107907.3	7.46220	0.329837	mg/L	7.46220	0.329837 mg/L	4.42%
Ba 233.527	14000.7	0.346527	0.0031575	mg/L	0.346527	0.0031575 mg/L	0.91%
Ca 315.887	94013.6	2.78060	0.012148	mg/L	2.78060	0.012148 mg/L	0.44%
Cd 226.502	383.9	-0.0010403	0.00021649	mg/L	-0.0010403	0.00021649 mg/L	20.81%
Co 228.616	304.4	0.0112201	0.00023509	mg/L	0.0112201	0.00023509 mg/L	2.10%
Cu 324.754	72293.6	0.550100	0.0078947	mg/L	0.550100	0.0078947 mg/L	1.44%
Fe 273.955	960012.2	73.1412	0.83567	mg/L	73.1412	0.83567 mg/L	1.14%
Mg 279.079	19448.3	1.67906	0.003086	mg/L	1.67906	0.003086 mg/L	0.18%
Mn 257.610	155125.8	0.336983	0.0013728	mg/L	0.336983	0.0013728 mg/L	0.41%
Se 196.026	56.1	0.0239055	0.00063451	mg/L	0.0239055	0.00063451 mg/L	2.65%
V 292.402	7426.9	0.0591830	0.00047648	mg/L	0.0591830	0.00047648 mg/L	0.81%
Zn 206.200	18243.0	0.421364	0.0021600	mg/L	0.421364	0.0021600 mg/L	0.51%
Na 330.237	2516.8	4.41455	0.091499	mg/L	4.41455	0.091499 mg/L	2.07%
Ti 334.941	187031.3	0.421966	0.0218707	mg/L	0.421966	0.0218707 mg/L	5.18%
Mo 202.030	7.4	0.0005076	0.00020139	mg/L	0.0005076	0.00020139 mg/L	39.68%
Sn 189.933	394.7	0.0542325	0.00101560	mg/L	0.0542325	0.00101560 mg/L	1.87%
Be 234.861	-2199.2	-0.0006969	0.00000577	mg/L	-0.0006969	0.00000577 mg/L	0.83%
As 188.979	101.8	0.0544595	0.00187163	mg/L	0.0544595	0.00187163 mg/L	3.44%
Sb 206.833	116.2	0.0141204	0.00182521	mg/L	0.0141204	0.00182521 mg/L	12.93%
Cr 206.158	1772.7	0.0744276	0.00157096	mg/L	0.0744276	0.00157096 mg/L	2.11%
Pb 220.353	2996.0	0.725317	0.0016399	mg/L	0.725317	0.0016399 mg/L	0.23%
Ni 231.604	1796.8	0.0852614	0.00056483	mg/L	0.0852614	0.00056483 mg/L	0.66%
Tl 190.800	-75.5	-0.0090055	0.00240751	mg/L	-0.0090055	0.00240751 mg/L	26.73%

Mean Data ----------

ID: MB FB (1) Seq. No.: 42 Sample No.: 80 A/S Pos: 99
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/5/05 12:09:30 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-342.4	-0.0026125	0.00016387	mg/L	-0.0026125	0.00016387	mg/L	6.27%
Al 308.215	6625.7	0.149502	0.0019498	mg/L	0.149502	0.0019498	mg/L	1.30%
Ba 233.527	-3.8	-0.0000947	0.00005401	mg/L	-0.0000947	0.00005401	mg/L	57.01%
Ca 315.887	-9942.4	-0.294063	0.0039052	mg/L	-0.294063	0.0039052	mg/L	1.33%
Cd 226.502	-230.9	-0.0024543	0.00010458	mg/L	-0.0024543	0.00010458	mg/L	4.26%
Co 228.616	-93.4	-0.0034437	0.00002365	mg/L	-0.0034437	0.00002365	mg/L	0.69%
Cu 324.754	8249.7	0.0093687	0.00003848	mg/L	0.0093687	0.00003848	mg/L	0.41%
Fe 273.955	1876.6	0.109245	0.0011682	mg/L	0.109245	0.0011682	mg/L	1.07%
Mg 279.079	402.9	0.0347839	0.00318796	mg/L	0.0347839	0.00318796	mg/L	9.17%
Mn 257.610	1047.3	0.0022752	0.00000095	mg/L	0.0022752	0.00000095	mg/L	0.04%
Se 196.026	47.8	0.0005937	0.00023467	mg/L	0.0005937	0.00023467	mg/L	39.52%
V 292.402	-172.1	-0.0012013	0.00005395	mg/L	-0.0012013	0.00005395	mg/L	4.49%
Zn 206.200	626.9	0.0039659	0.00015350	mg/L	0.0039659	0.00015350	mg/L	3.87%
Na 330.237	1214.7	1.87070	0.084460	mg/L	1.87070	0.084460	mg/L	4.51%
Ti 334.941	-109.3	-0.0002466	0.00023631	mg/L	-0.0002466	0.00023631	mg/L	95.82%
Mo 202.030	-112.5	-0.0077593	0.00000683	mg/L	-0.0077593	0.00000683	mg/L	0.09%
Sn 189.933	39.5	0.0108985	0.00067894	mg/L	0.0108985	0.00067894	mg/L	6.23%
Be 234.861	-438.5	-0.0008685	0.00000249	mg/L	-0.0008685	0.00000249	mg/L	0.29%
As 188.979	-38.2	-0.0010045	0.00021516	mg/L	-0.0010045	0.00021516	mg/L	21.42%
Sb 206.833	82.2	0.0037718	0.00066982	mg/L	0.0037718	0.00066982	mg/L	17.76%
Cr 206.158	202.0	0.0027175	0.00009306	mg/L	0.0027175	0.00009306	mg/L	3.42%
Pb 220.353	3.6	-0.0006422	0.00030841	mg/L	-0.0006422	0.00030841	mg/L	48.03%
Ni 231.604	113.8	0.0058031	0.00083928	mg/L	0.0058031	0.00083928	mg/L	14.46%
Tl 190.800	-70.2	-0.0052702	0.00162905	mg/L	-0.0052702	0.00162905	mg/L	30.91%

Mean Data ----------

ID: LCSW Seq. No.: 43 Sample No.: 81 A/S Pos: 100
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/5/05 12:12:22 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	60889.8	0.464604	0.0052814	mg/L	0.464604	0.0052814	mg/L	1.14%
Al 308.215	72936.7	4.93727	0.078335	mg/L	4.93727	0.078335	mg/L	1.59%
Ba 233.527	21811.2	0.539844	0.0004198	mg/L	0.539844	0.0004198	mg/L	0.08%
Ca 315.887	1597148.5	47.2382	0.73758	mg/L	47.2382	0.73758	mg/L	1.56%
Cd 226.502	46161.1	0.490632	0.0067178	mg/L	0.490632	0.0067178	mg/L	1.37%
Co 228.616	13230.0	0.487666	0.0013429	mg/L	0.487666	0.0013429	mg/L	0.28%
Cu 324.754	70016.9	0.530877	0.0083813	mg/L	0.530877	0.0083813	mg/L	1.58%
Fe 273.955	66931.9	5.06795	0.091174	mg/L	5.06795	0.091174	mg/L	1.80%
Mg 279.079	553080.5	47.7501	0.71675	mg/L	47.7501	0.71675	mg/L	1.50%

Mn 257.610	228173.0	0.495665	0.0087190	mg/L	0.495665	0.0087190 mg/L	1.76%
Se 196.026	2877.9	0.468119	0.0013654	mg/L	0.468119	0.0013654 mg/L	0.29%
V 292.402	72107.0	0.496874	0.0075766	mg/L	0.496874	0.0075766 mg/L	1.52%
Zn 206.200	21318.0	0.494221	0.0016506	mg/L	0.494221	0.0016506 mg/L	0.33%
Na 330.237	31412.0	49.6594	0.84299	mg/L	49.6594	0.84299 mg/L	1.70%
Ti 334.941	212116.0	0.478560	0.0068826	mg/L	0.478560	0.0068826 mg/L	1.44%
Mo 202.030	7273.7	0.501856	0.0011604	mg/L	0.501856	0.0011604 mg/L	0.23%
Sn 189.933	4117.4	0.508462	0.0017412	mg/L	0.508462	0.0017412 mg/L	0.34%
Be 234.861	240707.3	0.476741	0.0073918	mg/L	0.476741	0.0073918 mg/L	1.55%
As 188.979	1271.1	0.517827	0.0035977	mg/L	0.517827	0.0035977 mg/L	0.69%
Sb 206.833	1740.3	0.508129	0.0002017	mg/L	0.508129	0.0002017 mg/L	0.04%
Cr 206.158	11673.0	0.526405	0.0006189	mg/L	0.526405	0.0006189 mg/L	0.12%
Pb 220.353	2101.6	0.508348	0.0026627	mg/L	0.508348	0.0026627 mg/L	0.52%
Ni 231.604	9736.1	0.534288	0.0016906	mg/L	0.534288	0.0016906 mg/L	0.32%
Tl 190.800	598.7	0.465259	0.0017448	mg/L	0.465259	0.0017448 mg/L	0.38%

Mean Data ----------

ID: ICSA V-4505 Seq. No.: 44 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: 8/5/05 12:16:18 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-302.4	-0.0023077	0.00010568	mg/L				4.58%
Al 308.215	6447760.8	465.153	3.7677	mg/L				0.81%
Ba 233.527	-112.3	-0.0027796	0.00020440	mg/L				7.35%
Ca 315.887	14489264.5	428.543	1.7136	mg/L				0.40%
Cd 226.502	1057.4	-0.0014344	0.00002322	mg/L				1.62%
Co 228.616	38.6	0.0014238	0.00014084	mg/L				9.89%
Cu 324.754	6503.5	0.0018884	0.00022300	mg/L				11.81%
Fe 273.955	2375155.5	181.008	0.3850	mg/L				0.21%
Mg 279.079	5648814.2	487.689	2.2777	mg/L				0.47%
Mn 257.610	-2451.2	-0.0053248	0.00019347	mg/L				3.63%
Se 196.026	-205.5	0.0058296	0.00076300	mg/L				13.09%
V 292.402	7822.0	0.0066931	0.00027291	mg/L				4.08%
Zn 206.200	74.3	-0.0091275	0.00003589	mg/L				0.39%
Na 330.237	948.5	-4.55484	0.026779	mg/L				0.59%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1720.4	-0.0038814	0.00025270	mg/L				6.51%
Mo 202.030	-189.8	-0.0058521	0.00027643	mg/L				4.72%
Sn 189.933	-17.7	0.0039152	0.00124951	mg/L				31.91%
Be 234.861	-7699.7	-0.0061953	0.00008483	mg/L				1.37%
As 188.979	-60.9	0.0008312	0.00048799	mg/L				58.71%
Sb 206.833	122.1	0.0024517	0.00075205	mg/L				30.68%
Cr 206.158	790.7	0.0063191	0.00007661	mg/L				1.21%
Pb 220.353	-173.7	-0.0020277	0.00290420	mg/L				143.23%
Ni 231.604	940.2	0.0071888	0.00037915	mg/L				5.27%
Tl 190.800	-71.0	-0.0058002	0.00234337	mg/L				40.40%

Mean Data ----------

ID: ICSAB V-4506 Seq. No.: 45 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: 8/5/05 12:19:28 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	134091.3	1.02315	0.000659	mg/L				0.06%
Al 308.215	6443570.1	464.851	1.4998	mg/L				0.32%
Ba 233.527	20492.2	0.507199	0.0051209	mg/L				1.01%
Ca 315.887	14469618.5	427.962	1.8073	mg/L				0.42%
Cd 226.502	87371.9	0.915922	0.0001418	mg/L				0.02%
Co 228.616	12491.0	0.460424	0.0025608	mg/L				0.56%
Cu 324.754	71055.0	0.546936	0.0012335	mg/L				0.23%
Fe 273.955	2385278.1	181.779	0.1047	mg/L				0.06%
Mg 279.079	5640314.6	486.955	1.8048	mg/L				0.37%
Mn 257.610	213259.1	0.463267	0.0003110	mg/L				0.07%
Se 196.026	5449.3	0.940237	0.0127664	mg/L				1.36%
V 292.402	74263.3	0.470664	0.0013610	mg/L				0.29%
Zn 206.200	36802.6	0.861115	0.0024482	mg/L				0.28%
Na 330.237	2156.4	-0.457800	0.0019479	mg/L				0.43%
Ti 334.941	-1611.4	-0.0036354	0.00006751	mg/L				1.86%
Mo 202.030	-204.1	-0.0068094	0.00032777	mg/L				4.81%

Sn 189.933	7.2	0.0069544	0.00138096	mg/L	19.86%
Be 234.861	230651.0	0.465917	0.0010149	mg/L	0.22%
As 188.979	2609.4	1.05909	0.008919	mg/L	0.84%
Sb 206.833	3457.1	1.01687	0.001315	mg/L	0.13%
Cr 206.158	11488.3	0.500358	0.0026887	mg/L	0.54%
Pb 220.353	3818.5	0.966470	0.0008641	mg/L	0.09%
Ni 231.604	19112.9	1.00516	0.005909	mg/L	0.59%
Tl 190.800	1245.4	0.920212	0.0099691	mg/L	1.08%

Mean Data

ID: CCV V-4510 Seq. No.: 46 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: 8/5/05 12:22:23 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	63214.7	0.482345	0.0029148	mg/L				0.60%
Al 308.215	77658.5	5.27819	0.018688	mg/L				0.35%
Ba 233.527	22294.3	0.551802	0.0024589	mg/L				0.45%
Ca 315.887	1622021.4	47.9739	0.39361	mg/L				0.82%
Cd 226.502	46824.0	0.497678	0.0046253	mg/L				0.93%
Co 228.616	13348.9	0.492048	0.0020123	mg/L				0.41%
Cu 324.754	70397.7	0.534092	0.0014770	mg/L				0.28%
Fe 273.955	68443.2	5.18315	0.017613	mg/L				0.34%
Mg 279.079	564643.0	48.7483	0.46432	mg/L				0.95%
Mn 257.610	230533.0	0.500792	0.0031891	mg/L				0.64%
Se 196.026	3063.6	0.498793	0.0028224	mg/L				0.57%
V 292.402	73358.1	0.505472	0.0038872	mg/L				0.77%
Zn 206.200	21415.5	0.496533	0.0011212	mg/L				0.23%
Na 330.237	32321.8	51.0664	0.28748	mg/L				0.56%
Ti 334.941	215971.3	0.487258	0.0043199	mg/L				0.89%
Mo 202.030	7326.5	0.505493	0.0003292	mg/L				0.07%
Sn 189.933	4144.4	0.511753	0.0021539	mg/L				0.42%
Be 234.861	246869.0	0.488945	0.0037894	mg/L				0.78%
As 188.979	1316.6	0.535859	0.0031964	mg/L				0.60%
Sb 206.833	1778.7	0.519808	0.0029040	mg/L				0.56%
Cr 206.158	11775.3	0.531073	0.0016800	mg/L				0.32%
Pb 220.353	2128.8	0.514939	0.0021231	mg/L				0.41%
Ni 231.604	9841.5	0.540079	0.0015302	mg/L				0.28%
Tl 190.800	610.4	0.473496	0.0014059	mg/L				0.30%

Mean Data

ID: CCB Seq. No.: 47 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: 8/5/05 12:25:13 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-326.2	-0.0024889	0.00045382	mg/L				18.23%
Al 308.215	5971.6	0.102276	0.0004530	mg/L				0.44%
Ba 233.527	-11.5	-0.0002837	0.00014203	mg/L				50.07%
Ca 315.887	-14753.5	-0.436360	0.0062420	mg/L				1.43%
Cd 226.502	-199.7	-0.0021228	0.00002500	mg/L				1.18%
Co 228.616	-91.8	-0.0033839	0.00005382	mg/L				1.59%
Cu 324.754	7206.2	0.0005583	0.00024361	mg/L				43.64%
Fe 273.955	380.1	-0.0048230	0.00093669	mg/L				19.42%
Mg 279.079	466.7	0.0402901	0.00223057	mg/L				5.54%
Mn 257.610	380.2	0.0008259	0.00001299	mg/L				1.57%
Se 196.026	49.1	0.0007997	0.00083155	mg/L				103.99%
V 292.402	-144.4	-0.0010077	0.00022218	mg/L				22.05%
Zn 206.200	170.5	-0.0068483	0.00020988	mg/L				3.06%
Na 330.237	1093.3	1.68370	0.053277	mg/L				3.16%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-315.3	-0.0007114	0.00011272	mg/L				15.84%
Mo 202.030	-104.5	-0.0072114	0.00002831	mg/L				0.39%
Sn 189.933	-38.2	0.0014154	0.00008061	mg/L				5.70%
Be 234.861	-330.4	-0.0006543	0.00001196	mg/L				1.83%
As 188.979	-36.7	-0.0004190	0.00034829	mg/L				83.12%
Sb 206.833	75.6	0.0017872	0.00143905	mg/L				80.52%
Cr 206.158	157.8	0.0007016	0.00048170	mg/L				68.66%
Pb 220.353	8.4	0.0005178	0.00175976	mg/L				339.86%
Ni 231.604	-23.4	-0.0017333	0.00018275	mg/L				10.54%

Date file: S6230A Batch 6230/6211 (Soil)

Analyst Rey Shiamlan 8/4/05

Method: PE1 Axial
Results: S6230A1
Sample Info: s6230a
Method Description: 200.7/SW846

IEC: 121704.IEC
Spectra Stored: Yes
User: User1

MSF:
Method Stored: Yes
Date: 8/4/05 8:25:09 AM

2nd Rev: [illegible] 8/5/05

Mean Data
ID: Calib Blank 1

Seq. No.: 1
Data: Original

A/S Pos: 1
Date: 8/4/05 8:26:33 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-444.7	3.26	0.73%	0	mg/L
Al 308.215	4566.8	4.87	0.11%	0	mg/L
Ba 233.527	-9.8	1.84	18.74%	0	mg/L
Ca 315.887	-16518.0	248.30	1.50%	0	mg/L
Cd 226.502	-179.6	1.11	0.62%	0	mg/L
Co 228.616	-85.2	4.74	5.56%	0	mg/L
Cu 324.754	7406.3	10.11	0.14%	0	mg/L
Fe 273.955	393.1	2.16	0.55%	0	mg/L
Mg 279.079	521.5	41.61	7.98%	0	mg/L
Mn 257.610	402.4	11.50	2.86%	0	mg/L
Se 196.026	52.8	2.18	4.13%	0	mg/L
V 292.402	-220.3	49.53	22.49%	0	mg/L
Zn 206.200	158.7	1.05	0.66%	0	mg/L
Na 330.237	911.0	29.31	3.22%	0	mg/L
Ti 334.941	-191.0	9.27	4.85%	0	mg/L
Mo 202.030	-101.7	3.26	3.21%	0	mg/L
Sn 189.933	-37.4	8.01	21.42%	0	mg/L
Be 234.861	-376.8	0.34	0.09%	0	mg/L
As 188.979	-33.7	3.66	10.84%	0	mg/L
Sb 206.833	61.9	1.45	2.35%	0	mg/L
Cr 206.158	154.1	11.26	7.30%	0	mg/L
Pb 220.353	0.6	0.73	119.08%	0	mg/L
Ni 231.604	4.3	1.39	32.13%	0	mg/L
Tl 190.800	-60.3	5.27	8.74%	0	mg/L

Mean Data
ID: Calib Std 1

Seq. No.: 2
Data: Original

A/S Pos: 160
Date: 8/4/05 8:29:18 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	937.0	16.87	1.80%	0.010	mg/L
Al 308.215	5906.5	30.09	0.51%	0.10	mg/L
Ba 233.527	400.9	9.36	2.34%	0.010	mg/L
Ca 315.887	21397.1	30.20	0.14%	1.0	mg/L
Cd 226.502	842.5	0.26	0.03%	0.010	mg/L
Co 228.616	205.3	0.71	0.35%	0.010	mg/L
Cu 324.754	8396.5	31.63	0.38%	0.010	mg/L
Fe 273.955	1687.8	20.76	1.23%	0.10	mg/L
Mg 279.079	12460.5	62.35	0.50%	1.0	mg/L
Mn 257.610	6250.2	62.67	1.00%	0.010	mg/L
Se 196.026	110.4	9.37	8.48%	0.010	mg/L
V 292.402	1315.0	25.67	1.95%	0.010	mg/L
Zn 206.200	612.7	0.90	0.15%	0.010	mg/L
Na 330.237	1341.6	99.52	7.42%	1.0	mg/L
Ti 334.941	4736.9	4.71	0.10%	0.010	mg/L
Mo 202.030	48.1	7.70	15.99%	0.010	mg/L
Sn 189.933	59.7	4.47	7.48%	0.010	mg/L
Be 234.861	5059.3	0.57	0.01%	0.010	mg/L
As 188.979	-8.7	1.38	15.90%	0.010	mg/L
Sb 206.833	91.9	9.03	9.82%	0.010	mg/L
Cr 206.158	389.2	4.14	1.06%	0.010	mg/L
Pb 220.353	39.4	1.85	4.70%	0.010	mg/L
Ni 231.604	197.1	4.90	2.48%	0.010	mg/L
Tl 190.800	-45.4	5.82	12.82%	0.010	mg/L

6230

Except earth elements all the others were reported.

Mean Data
ID: Calib Std 2

Seq. No.: 3
Data: Original

A/S Pos: 3
Date: 8/4/05 8:32:09 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	68705.2	770.27	1.12%	0.50	mg/L
Al 308.215	75441.1	1196.33	1.59%	5.0	mg/L
Ba 233.527	20224.3	112.86	0.56%	0.50	mg/L
Ca 315.887	1858213.9	22972.92	1.24%	50	mg/L
Cd 226.502	50257.1	622.06	1.24%	0.50	mg/L
Co 228.616	14218.2	88.72	0.62%	0.50	mg/L
Cu 324.754	67328.6	983.84	1.46%	0.50	mg/L
Fe 273.955	70084.7	1338.22	1.91%	5.0	mg/L
Mg 279.079	615739.6	8293.73	1.35%	50	mg/L
Mn 257.610	251297.1	3391.20	1.35%	0.50	mg/L
Se 196.026	3284.9	1.60	0.05%	0.50	mg/L
V 292.402	76248.6	1118.94	1.47%	0.50	mg/L
Zn 206.200	23750.6	263.11	1.11%	0.50	mg/L
Na 330.237	32129.9	338.44	1.05%	50	mg/L
Ti 334.941	243868.8	3400.81	1.39%	0.50	mg/L
Mo 202.030	7698.7	73.53	0.96%	0.50	mg/L
Sn 189.933	4307.2	21.11	0.49%	0.50	mg/L
Be 234.861	273673.0	3253.60	1.19%	0.50	mg/L
As 188.979	1266.3	12.65	1.00%	0.50	mg/L
Sb 206.833	1775.0	19.59	1.10%	0.50	mg/L
Cr 206.158	11537.4	156.81	1.36%	0.50	mg/L
Pb 220.353	2140.4	12.33	0.58%	0.50	mg/L
Ni 231.604	9282.2	100.57	1.08%	0.50	mg/L
Tl 190.800	714.1	7.58	1.06%	0.50	mg/L

Mean Data

ID: Calib Std 3 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 8/4/05 8:34:53 AM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	136186.8	255.39	0.19%	1.0	mg/L
Al 308.215	146570.6	284.04	0.19%	10	mg/L
Ba 233.527	39166.4	147.44	0.38%	1.0	mg/L
Ca 315.887	3610379.3	72.42	0.00%	100	mg/L
Cd 226.502	96919.1	161.31	0.17%	1.0	mg/L
Co 228.616	27674.9	72.00	0.26%	1.0	mg/L
Cu 324.754	125063.8	76.27	0.06%	1.0	mg/L
Fe 273.955	134684.2	191.65	0.14%	10	mg/L
Mg 279.079	1221717.0	474.91	0.04%	100	mg/L
Mn 257.610	485470.5	573.19	0.12%	1.0	mg/L
Se 196.026	6347.0	9.18	0.14%	1.0	mg/L
V 292.402	147339.4	22.68	0.02%	1.0	mg/L
Zn 206.200	43819.5	9.04	0.02%	1.0	mg/L
Na 330.237	67068.4	168.03	0.25%	100	mg/L
Ti 334.941	474568.5	207.60	0.04%	1.0	mg/L
Mo 202.030	15042.1	53.06	0.35%	1.0	mg/L
Sn 189.933	8484.8	11.25	0.13%	1.0	mg/L
Be 234.861	531077.5	310.90	0.06%	1.0	mg/L
As 188.979	2490.2	17.80	0.71%	1.0	mg/L
Sb 206.833	3407.9	5.32	0.16%	1.0	mg/L
Cr 206.158	21761.1	47.08	0.22%	1.0	mg/L
Pb 220.353	4216.8	6.32	0.15%	1.0	mg/L
Ni 231.604	17959.1	15.80	0.09%	1.0	mg/L
Tl 190.800	1476.8	0.89	0.06%	1.0	mg/L

Calibration Summary

Method: PE1 Axial Date: 8/4/05 8:35:20 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	136428.1	0.00000	0.999981
Al 308.215	3	Linear	4507.1	14202.4	0.00000	1.000000
Ba 233.527	3	Linear-thru-Zero	0.0	39422.9	0.00000	0.999844
Ca 315.887	3	Linear-thru-Zero	0.0	36314.7	0.00000	0.999862
Cd 226.502	3	Linear-thru-Zero	0.0	97637.0	0.00000	0.999799
Co 228.616	3	Linear-thru-Zero	0.0	27826.6	0.00000	0.999885
Cu 324.754	3	Linear	7520.7	117955.2	0.00000	0.999949

Fe 273.955	3	Linear	834.6	13477.6	0.00000	0.999807
Mg 279.079	3	Linear-thru-Zero	0.0	12236.7	0.00000	0.999991
Mn 257.610	3	Linear-thru-Zero	0.0	488906.2	0.00000	0.999814
Se 196.026	3	Linear	65.9	6312.4	0.00000	0.999900
V 292.402	3	Linear-thru-Zero	0.0	148369.6	0.00000	0.999821
Zn 206.200	3	Linear	487.2	43968.7	0.00000	0.999146
Na 330.237	3	Linear-thru-Zero	0.0	665.1	0.00000	0.999662
Ti 334.941	3	Linear-thru-Zero	0.0	477202.1	0.00000	0.999888
Mo 202.030	3	Linear-thru-Zero	0.0	15112.3	0.00000	0.999885
Sn 189.933	3	Linear	-16.8	8530.8	0.00000	0.999952
Be 234.861	3	Linear-thru-Zero	0.0	534328.9	0.00000	0.999863
As 188.979	3	Linear	-26.9	2530.9	0.00000	0.999879
Sb 206.833	3	Linear	67.6	3355.1	0.00000	0.999920
Cr 206.158	3	Linear	268.3	21701.1	0.00000	0.999624
Pb 220.353	3	Linear	4.9	4223.7	0.00000	0.999968
Ni 231.604	3	Linear	65.0	18001.8	0.00000	0.999854
Tl 190.800	3	Linear	-59.4	1538.4	0.00000	0.999992

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: 8/4/05 8:37:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	135733.4	0.994908	0.0103388	mg/L				1.04%
Al 308.215	145953.9	9.95934	0.103199	mg/L				1.04%
Ba 233.527	39605.4	1.00463	0.004826	mg/L				0.48%
Ca 315.887	3581771.3	98.6315	0.00836	mg/L				0.01%
Cd 226.502	96624.9	0.989634	0.0072689	mg/L				0.73%
Co 228.616	27991.2	1.00592	0.004906	mg/L				0.49%
Cu 324.754	124885.1	0.994991	0.0096605	mg/L				0.97%
Fe 273.955	134250.0	9.89906	0.065873	mg/L				0.67%
Mg 279.079	1213141.0	99.1394	0.03219	mg/L				0.03%
Mn 257.610	481772.3	0.985408	0.0004396	mg/L				0.04%
Se 196.026	6341.1	0.994120	0.0039887	mg/L				0.40%
V 292.402	146303.5	0.978101	0.0082283	mg/L				0.84%
Zn 206.200	44247.0	0.995250	0.0048842	mg/L				0.49%
Na 330.237	66970.6	103.806	1.1970	mg/L				1.15%
Ti 334.941	469472.8	0.983803	0.0093940	mg/L				0.95%
Mo 202.030	14852.4	0.982797	0.0001055	mg/L				0.01%
Sn 189.933	8440.4	0.991374	0.0015519	mg/L				0.16%
Be 234.861	527539.3	0.987293	0.0002312	mg/L				0.02%
As 188.979	2482.1	0.991349	0.0041328	mg/L				0.42%
Sb 206.833	3390.7	0.990088	0.0003894	mg/L				0.04%
Cr 206.158	22021.4	1.00892	0.004070	mg/L				0.40%
Pb 220.353	4170.7	0.986287	0.0014232	mg/L				0.14%
Ni 231.604	17866.1	0.988854	0.0035045	mg/L				0.35%
Tl 190.800	1454.0	0.986359	0.0015654	mg/L				0.16%

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: 8/4/05 8:40:46 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	135575.3	0.993749	0.0032702	mg/L				0.33%
Al 308.215	145718.5	9.94276	0.017519	mg/L				0.18%
Ba 233.527	39717.1	1.00746	0.000756	mg/L				0.08%
Ca 315.887	3591328.8	98.8946	0.14237	mg/L				0.14%
Cd 226.502	96723.1	0.990640	0.0015285	mg/L				0.15%
Co 228.616	28046.4	1.00790	0.001062	mg/L				0.11%
Cu 324.754	124893.9	0.995066	0.0013361	mg/L				0.13%
Fe 273.955	134295.7	9.90246	0.015800	mg/L				0.16%
Mg 279.079	1216646.0	99.4259	0.12300	mg/L				0.12%
Mn 257.610	481103.4	0.984040	0.0002126	mg/L				0.02%
Se 196.026	6347.0	0.995051	0.0039921	mg/L				0.40%
V 292.402	146341.4	0.978309	0.0010961	mg/L				0.11%
Zn 206.200	44314.5	0.996785	0.0029752	mg/L				0.30%
Na 330.237	66724.4	103.439	0.4228	mg/L				0.41%
Ti 334.941	468510.1	0.981786	0.0015624	mg/L				0.16%

Mo 202.030	14827.5	0.981153	0.0006121	mg/L	0.06%
Sn 189.933	8445.6	0.991986	0.0012710	mg/L	0.13%
Be 234.861	528869.1	0.989782	0.0003167	mg/L	0.03%
As 188.979	2486.6	0.993102	0.0017779	mg/L	0.18%
Sb 206.833	3393.7	0.990970	0.0016838	mg/L	0.17%
Cr 206.158	22026.4	1.00916	0.008286	mg/L	0.82%
Pb 220.353	4186.0	0.989915	0.0004371	mg/L	0.04%
Ni 231.604	17862.3	0.988640	0.0007526	mg/L	0.08%
Tl 190.800	1461.1	0.990973	0.0009545	mg/L	0.10%

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: 8/4/05 8:43:39 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-404.5	-0.0029650	0.00044189	mg/L				14.90%
Al 308.215	4570.9	0.0044936	0.00293215	mg/L				65.25%
Ba 233.527	-4.7	-0.0001185	0.00011162	mg/L				94.19%
Ca 315.887	-16548.6	-0.455700	0.0053912	mg/L				1.18%
Cd 226.502	-161.8	-0.0016570	0.00000737	mg/L				0.44%
Co 228.616	-83.8	-0.0030133	0.00018747	mg/L				6.22%
Cu 324.754	7600.7	0.0006781	0.00013016	mg/L				19.19%
Fe 273.955	396.7	-0.0324915	0.00336085	mg/L				10.34%
Mg 279.079	415.2	0.0339308	0.00485348	mg/L				14.30%
Mn 257.610	432.7	0.0008851	0.00000750	mg/L				0.85%
Se 196.026	42.5	-0.0037039	0.00139006	mg/L				37.53%
V 292.402	-205.1	-0.0013822	0.00012586	mg/L				9.11%
Zn 206.200	207.0	-0.0063726	0.00009716	mg/L				1.52%
Na 330.237	897.8	1.34990	0.001396	mg/L				0.10%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-201.0	-0.0004213	0.00001937	mg/L				4.60%
Mo 202.030	-107.9	-0.0071391	0.00053761	mg/L				7.53%
Sn 189.933	0.8	0.0020668	0.00039650	mg/L				19.18%
Be 234.861	-334.9	-0.0006268	0.00000326	mg/L				0.52%
As 188.979	-33.0	-0.0024268	0.00148102	mg/L				61.03%
Sb 206.833	61.9	-0.0017154	0.00096077	mg/L				56.01%
Cr 206.158	162.1	-0.0048919	0.00007450	mg/L				1.52%
Pb 220.353	-1.7	-0.0015518	0.00055439	mg/L				35.73%
Ni 231.604	0.8	-0.0035682	0.00031659	mg/L				8.87%
Tl 190.800	-52.3	0.0045981	0.00342855	mg/L				74.56%

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: 8/4/05 8:46:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-224.4	-0.0016445	0.00036107	mg/L				21.96%
Al 308.215	6487698.6	456.376	2.0680	mg/L				0.45%
Ba 233.527	-89.5	-0.0022711	0.00000963	mg/L				0.42%
Ca 315.887	16149539.4	444.711	1.5304	mg/L				0.34%
Cd 226.502	1411.0	0.0020458	0.00006078	mg/L				2.97%
Co 228.616	63.5	0.0022814	0.00006629	mg/L				2.91%
Cu 324.754	6885.6	0.0017259	0.00002466	mg/L				1.43%
Fe 273.955	2388986.1	177.194	0.1702	mg/L				0.10%
Mg 279.079	6135651.1	501.413	1.9581	mg/L				0.39%
Mn 257.610	-2012.5	-0.0041164	0.00002481	mg/L				0.60%
Se 196.026	-222.1	0.0093069	0.00046372	mg/L				4.98%
V 292.402	7263.7	0.0058748	0.00047540	mg/L				8.09%
Zn 206.200	94.9	-0.0089216	0.00016761	mg/L				1.88%
Na 330.237	732.3	-4.95425	0.002419	mg/L				0.05%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1707.0	-0.0035772	0.00003146	mg/L				0.88%
Mo 202.030	-189.8	-0.0054711	0.00053974	mg/L				9.87%
Sn 189.933	18.0	0.0040832	0.00130863	mg/L				32.05%
Be 234.861	-4193.8	0.0010152	0.00011816	mg/L				11.64%
As 188.979	-57.3	-0.0014022	0.00569613	mg/L				406.24%
Sb 206.833	99.9	-0.0036081	0.00149338	mg/L				41.39%
Cr 206.158	765.4	0.0046272	0.00012830	mg/L				2.77%

Pb 220.353	-175.6	-0.0014297	0.00005974	mg/L	4.18%
Ni 231.604	911.9	0.0085041	0.00053261	mg/L	6.26%
Tl 190.800	-66.0	-0.0042940	0.00179428	mg/L	41.79%

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: 8/4/05 8:49:55 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	136790.6	1.00266	0.000797	mg/L				0.08%
Al 308.215	6465153.2	454.788	2.3142	mg/L				0.51%
Ba 233.527	18685.7	0.473982	0.0027530	mg/L				0.58%
Ca 315.887	16128233.5	444.124	1.3367	mg/L				0.30%
Cd 226.502	90795.5	0.917522	0.0005134	mg/L				0.06%
Co 228.616	12881.2	0.462908	0.0032119	mg/L				0.69%
Cu 324.754	65443.3	0.498166	0.0012867	mg/L				0.26%
Fe 273.955	2389242.0	177.213	0.2212	mg/L				0.12%
Mg 279.079	6121923.8	500.292	1.8911	mg/L				0.38%
Mn 257.610	228263.0	0.466885	0.0006876	mg/L				0.15%
Se 196.026	5716.6	0.950137	0.0091257	mg/L				0.96%
V 292.402	74324.0	0.458011	0.0004303	mg/L				0.09%
Zn 206.200	39044.2	0.876919	0.0031945	mg/L				0.36%
Na 330.237	2375.6	-0.194256	0.0282660	mg/L				14.55%
Ti 334.941	-1567.3	-0.0032844	0.00012437	mg/L				3.79%
Mo 202.030	-192.4	-0.0056394	0.00067925	mg/L				12.04%
Sn 189.933	10.2	0.0031681	0.00289714	mg/L				91.45%
Be 234.861	250257.4	0.477223	0.0006752	mg/L				0.14%
As 188.979	2481.9	1.00189	0.016335	mg/L				1.63%
Sb 206.833	3367.9	0.970469	0.0088768	mg/L				0.91%
Cr 206.158	10849.1	0.475100	0.0045972	mg/L				0.97%
Pb 220.353	3828.0	0.946337	0.0027255	mg/L				0.29%
Ni 231.604	17623.0	0.936831	0.0085055	mg/L				0.91%
Tl 190.800	1394.5	0.945128	0.0097501	mg/L				1.03%

Mean Data

ID: MB 6230 (100) Seq. No.: 10 Sample No.: 1 A/S Pos: 9
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 8:52:42 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-413.7	-0.0030325	0.00024705	mg/L	-0.0030325	0.00024705	mg/L	8.15%
Al 308.215	8834.0	0.304658	0.0017141	mg/L	0.304658	0.0017141	mg/L	0.56%
Ba 233.527	8.8	0.0002223	0.00011992	mg/L	0.0002223	0.00011992	mg/L	53.95%
Ca 315.887	-5239.0	-0.144266	0.0044937	mg/L	-0.144266	0.0044937	mg/L	3.11%
Cd 226.502	-162.6	-0.0016650	0.00004431	mg/L	-0.0016650	0.00004431	mg/L	2.66%
Co 228.616	-89.9	-0.0032312	0.00004121	mg/L	-0.0032312	0.00004121	mg/L	1.28%
Cu 324.754	8750.9	0.0104293	0.00063929	mg/L	0.0104293	0.00063929	mg/L	6.13%
Fe 273.955	2396.6	0.115894	0.0048195	mg/L	0.115894	0.0048195	mg/L	4.16%
Mg 279.079	1093.5	0.0893662	0.00172857	mg/L	0.0893662	0.00172857	mg/L	1.93%
Mn 257.610	990.8	0.0020266	0.00005539	mg/L	0.0020266	0.00005539	mg/L	2.73%
Se 196.026	55.3	-0.0016800	0.00064627	mg/L	-0.0016800	0.00064627	mg/L	38.47%
V 292.402	-219.8	-0.0014811	0.00017029	mg/L	-0.0014811	0.00017029	mg/L	11.50%
Zn 206.200	539.2	0.0011824	0.00016901	mg/L	0.0011824	0.00016901	mg/L	14.29%
Na 330.237	1177.9	1.77098	0.038067	mg/L	1.77098	0.038067	mg/L	2.15%
Ti 334.941	11.5	0.0000242	0.00006988	mg/L	0.0000242	0.00006988	mg/L	289.21%
Mo 202.030	-107.1	-0.0070881	0.00019214	mg/L	-0.0070881	0.00019214	mg/L	2.71%
Sn 189.933	95.9	0.0132141	0.00060935	mg/L	0.0132141	0.00060935	mg/L	4.61%
Be 234.861	-422.8	-0.0007912	0.00000072	mg/L	-0.0007912	0.00000072	mg/L	0.09%
As 188.979	-39.3	-0.0048907	0.00017668	mg/L	-0.0048907	0.00017668	mg/L	3.61%
Sb 206.833	63.3	-0.0012897	0.00188893	mg/L	-0.0012897	0.00188893	mg/L	146.46%
Cr 206.158	366.2	0.0045115	0.00000767	mg/L	0.0045115	0.00000767	mg/L	0.17%
Pb 220.353	2.5	-0.0005531	0.00106638	mg/L	-0.0005531	0.00106638	mg/L	192.80%
Ni 231.604	145.7	0.0044816	0.00003586	mg/L	0.0044816	0.00003586	mg/L	0.80%
Tl 190.800	-64.8	-0.0035275	0.00050737	mg/L	-0.0035275	0.00050737	mg/L	14.38%

Mean Data

ID: LCS 100 Seq. No.: 11 Sample No.: 2 A/S Pos: 10
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 8:55:31 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	62599.6	0.458846	0.0014135	mg/L	0.458846	0.0014135	mg/L	0.31%
Al 308.215	74452.0	4.92486	0.011196	mg/L	4.92486	0.011196	mg/L	0.23%
Ba 233.527	19448.7	0.493334	0.0026319	mg/L	0.493334	0.0026319	mg/L	0.53%
Ca 315.887	1751451.3	48.2298	0.27810	mg/L	48.2298	0.27810	mg/L	0.58%
Cd 226.502	47139.4	0.482802	0.0023391	mg/L	0.482802	0.0023391	mg/L	0.48%
Co 228.616	13316.0	0.478535	0.0030763	mg/L	0.478535	0.0030763	mg/L	0.64%
Cu 324.754	64476.9	0.482863	0.0009051	mg/L	0.482863	0.0009051	mg/L	0.19%
Fe 273.955	66024.5	4.83691	0.032758	mg/L	4.83691	0.032758	mg/L	0.68%
Mg 279.079	585679.4	47.8625	0.28174	mg/L	47.8625	0.28174	mg/L	0.59%
Mn 257.610	239484.0	0.489836	0.0025971	mg/L	0.489836	0.0025971	mg/L	0.53%
Se 196.026	2964.1	0.459130	0.0020581	mg/L	0.459130	0.0020581	mg/L	0.45%
V 292.402	72154.1	0.479829	0.0018516	mg/L	0.479829	0.0018516	mg/L	0.39%
Zn 206.200	22031.9	0.490002	0.0032013	mg/L	0.490002	0.0032013	mg/L	0.65%
Na 330.237	30428.4	47.0217	0.16090	mg/L	47.0217	0.16090	mg/L	0.34%
Ti 334.941	229734.9	0.481421	0.0020801	mg/L	0.481421	0.0020801	mg/L	0.43%
Mo 202.030	7172.0	0.474578	0.0028926	mg/L	0.474578	0.0028926	mg/L	0.61%
Sn 189.933	4175.0	0.491375	0.0038880	mg/L	0.491375	0.0038880	mg/L	0.79%
Be 234.861	253707.1	0.474814	0.0025274	mg/L	0.474814	0.0025274	mg/L	0.53%
As 188.979	1177.5	0.475878	0.0031090	mg/L	0.475878	0.0031090	mg/L	0.65%
Sb 206.833	1662.6	0.475381	0.0036967	mg/L	0.475381	0.0036967	mg/L	0.78%
Cr 206.158	10793.0	0.484988	0.0034603	mg/L	0.484988	0.0034603	mg/L	0.71%
Pb 220.353	2032.6	0.480084	0.0034800	mg/L	0.480084	0.0034800	mg/L	0.72%
Ni 231.604	8752.4	0.482582	0.0032704	mg/L	0.482582	0.0032704	mg/L	0.68%
Tl 190.800	654.9	0.464340	0.0028946	mg/L	0.464340	0.0028946	mg/L	0.62%

Mean Data

ID: LCS 100 MR Seq. No.: 12 Sample No.: 3 A/S Pos: 11
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 8:59:08 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	63805.6	0.467687	0.0043473	mg/L	0.467687	0.0043473	mg/L	0.93%
Al 308.215	73070.8	4.82760	0.043663	mg/L	4.82760	0.043663	mg/L	0.90%
Ba 233.527	19782.5	0.501803	0.0043372	mg/L	0.501803	0.0043372	mg/L	0.86%
Ca 315.887	1781784.0	49.0651	0.48491	mg/L	49.0651	0.48491	mg/L	0.99%
Cd 226.502	47968.7	0.491296	0.0043843	mg/L	0.491296	0.0043843	mg/L	0.89%
Co 228.616	13546.9	0.486831	0.0046926	mg/L	0.486831	0.0046926	mg/L	0.96%
Cu 324.754	65189.5	0.488905	0.0058370	mg/L	0.488905	0.0058370	mg/L	1.19%
Fe 273.955	67227.2	4.92615	0.061259	mg/L	4.92615	0.061259	mg/L	1.24%
Mg 279.079	596322.9	48.7323	0.47365	mg/L	48.7323	0.47365	mg/L	0.97%
Mn 257.610	244040.8	0.499157	0.0049105	mg/L	0.499157	0.0049105	mg/L	0.98%
Se 196.026	3012.7	0.466840	0.0018446	mg/L	0.466840	0.0018446	mg/L	0.40%
V 292.402	73457.2	0.488493	0.0043615	mg/L	0.488493	0.0043615	mg/L	0.89%
Zn 206.200	22378.6	0.497886	0.0034414	mg/L	0.497886	0.0034414	mg/L	0.69%
Na 330.237	30887.9	47.7331	0.41505	mg/L	47.7331	0.41505	mg/L	0.87%
Ti 334.941	234175.3	0.490726	0.0045775	mg/L	0.490726	0.0045775	mg/L	0.93%
Mo 202.030	7317.1	0.484182	0.0046397	mg/L	0.484182	0.0046397	mg/L	0.96%
Sn 189.933	4225.0	0.497229	0.0068149	mg/L	0.497229	0.0068149	mg/L	1.37%
Be 234.861	257906.2	0.482673	0.0048496	mg/L	0.482673	0.0048496	mg/L	1.00%
As 188.979	1211.5	0.489285	0.0076650	mg/L	0.489285	0.0076650	mg/L	1.57%
Sb 206.833	1686.3	0.482462	0.0054683	mg/L	0.482462	0.0054683	mg/L	1.13%
Cr 206.158	11017.2	0.495319	0.0045729	mg/L	0.495319	0.0045729	mg/L	0.92%
Pb 220.353	2066.5	0.488113	0.0047628	mg/L	0.488113	0.0047628	mg/L	0.98%
Ni 231.604	8937.3	0.492854	0.0049057	mg/L	0.492854	0.0049057	mg/L	1.00%
Tl 190.800	674.4	0.476990	0.0057533	mg/L	0.476990	0.0057533	mg/L	1.21%

Mean Data

ID: 18853-004 Seq. No.: 13 Sample No.: 4 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:02:49 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-1828.9	-0.0047792	0.00003448	mg/L	-0.0047792	0.00003448	mg/L	0.72%
Al 308.215	760371.1	53.2208	0.10298	mg/L	53.2208	0.10298	mg/L	0.19%
Ba 233.527	27199.5	0.689941	0.0002146	mg/L	0.689941	0.0002146	mg/L	0.03%
Ca 315.887	2178867.1	59.9996	0.13125	mg/L	59.9996	0.13125	mg/L	0.22%
Cd 226.502	1107.9	0.0013647	0.00009228	mg/L	0.0013647	0.00009228	mg/L	6.76%

Co 228.616	3000.6	0.107832	0.0001671	mg/L	0.107832	0.0001671	mg/L	0.15%
Cu 324.754	42362.6	0.301103	0.0005569	mg/L	0.301103	0.0005569	mg/L	0.18%
Fe 273.955	1922462.6	142.580	0.3244	mg/L	142.580	0.3244	mg/L	0.23%
Mg 279.079	554850.1	45.3431	0.06030	mg/L	45.3431	0.06030	mg/L	0.13%
Mn 257.610	1222452.0	2.50038	0.005940	mg/L	2.50038	0.005940	mg/L	0.24%
Se 196.026	-120.7	0.0203472	0.00143242	mg/L	0.0203472	0.00143242	mg/L	7.04%
V 292.402	26666.8	0.193584	0.0000346	mg/L	0.193584	0.0000346	mg/L	0.02%
Zn 206.200	32905.9	0.737314	0.0005905	mg/L	0.737314	0.0005905	mg/L	0.08%
Na 330.237	2215.0	5.09227	0.016899	mg/L	5.09227	0.016899	mg/L	0.33%
Ti 334.941	823124.8	1.72490	0.001556	mg/L	1.72490	0.001556	mg/L	0.09%
Mo 202.030	-83.7	0.0001655	0.00035383	mg/L	0.0001655	0.00035383	mg/L	213.78%
Sn 189.933	596.5	0.0718903	0.00020613	mg/L	0.0718903	0.00020613	mg/L	0.29%
Be 234.861	-1231.6	0.0048273	0.00001280	mg/L	0.0048273	0.00001280	mg/L	0.27%
As 188.979	54.3	0.0406193	0.00021820	mg/L	0.0406193	0.00021820	mg/L	0.54%
Sb 206.833	103.5	0.0106941	0.00050841	mg/L	0.0106941	0.00050841	mg/L	4.75%
Cr 206.158	6920.8	0.306551	0.0007375	mg/L	0.306551	0.0007375	mg/L	0.24%
Pb 220.353	2608.0	0.616308	0.0027888	mg/L	0.616308	0.0027888	mg/L	0.45%
Ni 231.604	16481.9	0.886657	0.0000959	mg/L	0.886657	0.0000959	mg/L	0.01%
Tl 190.800	-85.8	-0.0020351	0.00067465	mg/L	-0.0020351	0.00067465	mg/L	33.15%

Mean Data

ID: 18853-004 MR Seq. No.: 14 Sample No.: 5 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:05:47 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1957.7	-0.0051749	0.00044965	mg/L	-0.0051749	0.00044965	mg/L	8.69%
Al 308.215	777632.5	54.4361	0.25907	mg/L	54.4361	0.25907	mg/L	0.48%
Ba 233.527	27852.2	0.706499	0.0038702	mg/L	0.706499	0.0038702	mg/L	0.55%
Ca 315.887	1458612.3	40.1659	0.10987	mg/L	40.1659	0.10987	mg/L	0.27%
Cd 226.502	1081.5	0.0011912	0.00016278	mg/L	0.0011912	0.00016278	mg/L	13.67%
Co 228.616	2863.9	0.102920	0.0001571	mg/L	0.102920	0.0001571	mg/L	0.15%
Cu 324.754	41038.8	0.289825	0.0021434	mg/L	0.289825	0.0021434	mg/L	0.74%
Fe 273.955	1903893.6	141.202	0.7134	mg/L	141.202	0.7134	mg/L	0.51%
Mg 279.079	409258.9	33.4452	0.11303	mg/L	33.4452	0.11303	mg/L	0.34%
Mn 257.610	1410140.2	2.88428	0.011789	mg/L	2.88428	0.011789	mg/L	0.41%
Se 196.026	-119.3	0.0200846	0.00302426	mg/L	0.0200846	0.00302426	mg/L	15.06%
V 292.402	27245.1	0.203431	0.0005002	mg/L	0.203431	0.0005002	mg/L	0.25%
Zn 206.200	34739.6	0.779018	0.0035705	mg/L	0.779018	0.0035705	mg/L	0.46%
Na 330.237	2237.8	5.30442	0.019671	mg/L	5.30442	0.019671	mg/L	0.37%
Ti 334.941	875444.7	1.83454	0.007426	mg/L	1.83454	0.007426	mg/L	0.40%
Mo 202.030	-78.5	0.0004531	0.00012784	mg/L	0.0004531	0.00012784	mg/L	28.21%
Sn 189.933	291.8	0.0414115	0.00042349	mg/L	0.0414115	0.00042349	mg/L	1.02%
Be 234.861	-1253.5	0.0047175	0.00010191	mg/L	0.0047175	0.00010191	mg/L	2.16%
As 188.979	72.3	0.0476552	0.00450800	mg/L	0.0476552	0.00450800	mg/L	9.46%
Sb 206.833	92.4	0.0073976	0.00103113	mg/L	0.0073976	0.00103113	mg/L	13.94%
Cr 206.158	4625.9	0.205908	0.0023578	mg/L	0.205908	0.0023578	mg/L	1.15%
Pb 220.353	2657.0	0.627914	0.0011552	mg/L	0.627914	0.0011552	mg/L	0.18%
Ni 231.604	11782.1	0.625827	0.0001347	mg/L	0.625827	0.0001347	mg/L	0.02%
Tl 190.800	-90.9	-0.0044083	0.00184234	mg/L	-0.0044083	0.00184234	mg/L	41.79%

Mean Data

ID: 18853-004 MS 1 Seq. No.: 15 Sample No.: 6 A/S Pos: 14
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:08:53 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	62622.6	0.471525	0.0007434	mg/L	0.471525	0.0007434	mg/L	0.16%
Al 308.215	964470.5	67.5915	0.08633	mg/L	67.5915	0.08633	mg/L	0.13%
Ba 233.527	45666.5	1.15838	0.002698	mg/L	1.15838	0.002698	mg/L	0.23%
Ca 315.887	10426373.9	287.112	2.7592	mg/L	287.112	2.7592	mg/L	0.96%
Cd 226.502	45614.3	0.457113	0.0007738	mg/L	0.457113	0.0007738	mg/L	0.17%
Co 228.616	14902.8	0.535560	0.0023538	mg/L	0.535560	0.0023538	mg/L	0.44%
Cu 324.754	97727.7	0.770527	0.0009166	mg/L	0.770527	0.0009166	mg/L	0.12%
Fe 273.955	1939192.6	143.821	0.1748	mg/L	143.821	0.1748	mg/L	0.12%
Mg 279.079	2510761.7	205.183	0.2061	mg/L	205.183	0.2061	mg/L	0.10%
Mn 257.610	1365938.6	2.79387	0.001124	mg/L	2.79387	0.001124	mg/L	0.04%
Se 196.026	2638.8	0.457937	0.0048015	mg/L	0.457937	0.0048015	mg/L	1.05%
V 292.402	100374.6	0.668888	0.0007033	mg/L	0.668888	0.0007033	mg/L	0.11%
Zn 206.200	50587.6	1.13946	0.003236	mg/L	1.13946	0.003236	mg/L	0.28%

Na 330.237	33298.4	51.6347	0.00880	mg/L	51.6347	0.00880 mg/L	0.02%
Ti 334.941	1193689.0	2.50143	0.003943	mg/L	2.50143	0.003943 mg/L	0.16%
Mo 202.030	6632.7	0.444646	0.0021209	mg/L	0.444646	0.0021209 mg/L	0.48%
Sn 189.933	4352.6	0.519335	0.0027588	mg/L	0.519335	0.0027588 mg/L	0.53%
Be 234.861	244294.3	0.464393	0.0005402	mg/L	0.464393	0.0005402 mg/L	0.12%
As 188.979	1222.9	0.507457	0.0009497	mg/L	0.507457	0.0009497 mg/L	0.19%
Sb 206.833	1195.9	0.331232	0.0042883	mg/L	0.331232	0.0042883 mg/L	1.29%
Cr 206.158	14547.1	0.665446	0.0000212	mg/L	0.665446	0.0000212 mg/L	0.00%
Pb 220.353	4335.8	1.03080	0.004074	mg/L	1.03080	0.004074 mg/L	0.40%
Ni 231.604	18294.5	0.987131	0.0068132	mg/L	0.987131	0.0068132 mg/L	0.69%
Tl 190.800	611.4	0.457947	0.0046163	mg/L	0.457947	0.0046163 mg/L	1.01%

Mean Data

ID: 18853-004 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 15
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:12:51 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	62141.3	0.467935	0.0024798	mg/L	0.467935	0.0024798	mg/L	0.53%
Al 308.215	1069449.3	74.9831	0.47200	mg/L	74.9831	0.47200	mg/L	0.63%
Ba 233.527	49222.9	1.24859	0.001988	mg/L	1.24859	0.001988	mg/L	0.16%
Ca 315.887	2976983.1	81.9774	0.53838	mg/L	81.9774	0.53838	mg/L	0.66%
Cd 226.502	47383.8	0.475471	0.0028557	mg/L	0.475471	0.0028557	mg/L	0.60%
Co 228.616	15742.8	0.565747	0.0003380	mg/L	0.565747	0.0003380	mg/L	0.06%
Cu 324.754	99916.7	0.788951	0.0041504	mg/L	0.788951	0.0041504	mg/L	0.53%
Fe 273.955	1893972.2	140.466	0.7785	mg/L	140.466	0.7785	mg/L	0.55%
Mg 279.079	978137.4	79.9347	0.52205	mg/L	79.9347	0.52205	mg/L	0.65%
Mn 257.610	1950200.2	3.98891	0.024143	mg/L	3.98891	0.024143	mg/L	0.61%
Se 196.026	2686.4	0.464298	0.0004635	mg/L	0.464298	0.0004635	mg/L	0.10%
V 292.402	97340.8	0.664938	0.0035886	mg/L	0.664938	0.0035886	mg/L	0.54%
Zn 206.200	55435.0	1.24970	0.005329	mg/L	1.24970	0.005329	mg/L	0.43%
Na 330.237	32358.4	52.1719	0.34935	mg/L	52.1719	0.34935	mg/L	0.67%
Ti 334.941	1187691.8	2.48887	0.017600	mg/L	2.48887	0.017600	mg/L	0.71%
Mo 202.030	6754.8	0.452595	0.0002202	mg/L	0.452595	0.0002202	mg/L	0.05%
Sn 189.933	4413.6	0.526448	0.0005659	mg/L	0.526448	0.0005659	mg/L	0.11%
Be 234.861	247579.8	0.470374	0.0024338	mg/L	0.470374	0.0024338	mg/L	0.52%
As 188.979	1241.8	0.512199	0.0037272	mg/L	0.512199	0.0037272	mg/L	0.73%
Sb 206.833	1190.1	0.329203	0.0005994	mg/L	0.329203	0.0005994	mg/L	0.18%
Cr 206.158	15432.2	0.706955	0.0016920	mg/L	0.706955	0.0016920	mg/L	0.24%
Pb 220.353	5036.7	1.19674	0.001031	mg/L	1.19674	0.001031	mg/L	0.09%
Ni 231.604	20104.8	1.08829	0.001595	mg/L	1.08829	0.001595	mg/L	0.15%
Tl 190.800	623.6	0.465800	0.0022920	mg/L	0.465800	0.0022920	mg/L	0.49%

Mean Data

ID: 18853-004 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 16
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:16:49 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	63443.8	0.476061	0.0009133	mg/L	0.476061	0.0009133	mg/L	0.19%
Al 308.215	849399.7	59.4893	0.35310	mg/L	59.4893	0.35310	mg/L	0.59%
Ba 233.527	47822.4	1.21306	0.008207	mg/L	1.21306	0.008207	mg/L	0.68%
Ca 315.887	3984224.6	109.714	0.2849	mg/L	109.714	0.2849	mg/L	0.26%
Cd 226.502	51914.1	0.521514	0.0023690	mg/L	0.521514	0.0023690	mg/L	0.45%
Co 228.616	17290.1	0.621352	0.0030025	mg/L	0.621352	0.0030025	mg/L	0.48%
Cu 324.754	105083.3	0.832957	0.0110879	mg/L	0.832957	0.0110879	mg/L	1.33%
Fe 273.955	1962561.2	145.555	0.6397	mg/L	145.555	0.6397	mg/L	0.44%
Mg 279.079	1198232.1	97.9211	0.31543	mg/L	97.9211	0.31543	mg/L	0.32%
Mn 257.610	1448856.6	2.96347	0.009656	mg/L	2.96347	0.009656	mg/L	0.33%
Se 196.026	3038.9	0.521926	0.0017417	mg/L	0.521926	0.0017417	mg/L	0.33%
V 292.402	101604.4	0.691951	0.0032611	mg/L	0.691951	0.0032611	mg/L	0.47%
Zn 206.200	54548.7	1.22955	0.007736	mg/L	1.22955	0.007736	mg/L	0.63%
Na 330.237	35398.4	56.4980	0.43092	mg/L	56.4980	0.43092	mg/L	0.76%
Ti 334.941	1052086.3	2.20470	0.007520	mg/L	2.20470	0.007520	mg/L	0.34%
Mo 202.030	7684.8	0.514337	0.0030799	mg/L	0.514337	0.0030799	mg/L	0.60%
Sn 189.933	5147.0	0.611602	0.0023320	mg/L	0.611602	0.0023320	mg/L	0.38%
Be 234.861	272752.1	0.517738	0.0022620	mg/L	0.517738	0.0022620	mg/L	0.44%
As 188.979	1329.3	0.544586	0.0054213	mg/L	0.544586	0.0054213	mg/L	1.00%
Sb 206.833	1658.1	0.467736	0.0035003	mg/L	0.467736	0.0035003	mg/L	0.75%
Cr 206.158	18160.5	0.832543	0.0106392	mg/L	0.832543	0.0106392	mg/L	1.28%

Pb 220.353	4746.4	1.12261	0.006636	mg/L	1.12261	0.006636	mg/L	0.59%
Ni 231.604	25956.8	1.41246	0.016573	mg/L	1.41246	0.016573	mg/L	1.17%
Tl 190.800	703.5	0.515250	0.0054364	mg/L	0.515250	0.0054364	mg/L	1.06%

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: 8/4/05 9:20:36 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	66124.6	0.484684	0.0007292	mg/L				0.15%
Al 308.215	77424.6	5.13416	0.004450	mg/L				0.09%
Ba 233.527	20568.6	0.521742	0.0020467	mg/L				0.39%
Ca 315.887	1839748.1	50.6613	0.04572	mg/L				0.09%
Cd 226.502	49600.8	0.508012	0.0009543	mg/L				0.19%
Co 228.616	13946.7	0.501201	0.0019226	mg/L				0.38%
Cu 324.754	66933.0	0.503685	0.0003021	mg/L				0.06%
Fe 273.955	69372.2	5.08530	0.001766	mg/L				0.03%
Mg 279.079	619614.8	50.6357	0.02390	mg/L				0.05%
Mn 257.610	251665.3	0.514752	0.0002830	mg/L				0.05%
Se 196.026	3226.6	0.500713	0.0029885	mg/L				0.60%
V 292.402	75886.2	0.504607	0.0001267	mg/L				0.03%
Zn 206.200	22743.6	0.506188	0.0011837	mg/L				0.23%
Na 330.237	32546.1	50.2478	0.12715	mg/L				0.25%
Ti 334.941	241581.3	0.506245	0.0000883	mg/L				0.02%
Mo 202.030	7475.6	0.494667	0.0014031	mg/L				0.28%
Sn 189.933	4342.5	0.511006	0.0006605	mg/L				0.13%
Be 234.861	269274.2	0.503948	0.0004471	mg/L				0.09%
As 188.979	1265.2	0.510520	0.0038923	mg/L				0.76%
Sb 206.833	1767.3	0.506604	0.0033719	mg/L				0.67%
Cr 206.158	11242.1	0.505681	0.0000628	mg/L				0.01%
Pb 220.353	2142.6	0.506128	0.0009670	mg/L				0.19%
Ni 231.604	9127.3	0.503408	0.0009808	mg/L				0.19%
Tl 190.800	708.0	0.498841	0.0043816	mg/L				0.88%

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: 8/4/05 9:23:23 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-367.7	-0.0026950	0.00046629	mg/L				17.30%
Al 308.215	4623.2	0.0081757	0.00247757	mg/L				30.30%
Ba 233.527	-7.4	-0.0001887	0.00011916	mg/L				63.14%
Ca 315.887	-16273.5	-0.448124	0.0014017	mg/L				0.31%
Cd 226.502	-168.5	-0.0017257	0.00008564	mg/L				4.96%
Co 228.616	-89.7	-0.0032236	0.00016271	mg/L				5.05%
Cu 324.754	7499.8	-0.0001770	0.00046002	mg/L				259.83%
Fe 273.955	428.8	-0.0301122	0.00037025	mg/L				1.23%
Mg 279.079	457.3	0.0373705	0.00285047	mg/L				7.63%
Mn 257.610	500.9	0.0010245	0.00000809	mg/L				0.79%
Se 196.026	41.3	-0.0038991	0.00014803	mg/L				3.80%
V 292.402	-206.7	-0.0013931	0.00006502	mg/L				4.67%
Zn 206.200	209.0	-0.0063275	0.00016966	mg/L				2.68%
Na 330.237	822.4	1.23651	0.026355	mg/L				2.13%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-105.1	-0.0002203	0.00021687	mg/L				98.45%
Mo 202.030	-103.4	-0.0068400	0.00001459	mg/L				0.21%
Sn 189.933	-28.6	-0.0013861	0.00028027	mg/L				20.22%
Be 234.861	-360.3	-0.0006743	0.00001414	mg/L				2.10%
As 188.979	-33.7	-0.0026791	0.00095207	mg/L				35.54%
Sb 206.833	62.9	-0.0014163	0.00034018	mg/L				24.02%
Cr 206.158	160.3	-0.0049762	0.00022285	mg/L				4.48%
Pb 220.353	5.6	0.0001702	0.00161198	mg/L				947.13%
Ni 231.604	3.2	-0.0034349	0.00039428	mg/L				11.48%
Tl 190.800	-62.0	-0.0016785	0.00068743	mg/L				40.96%

Mean Data

ID: 18855-001 Seq. No.: 20 Sample No.: 9 A/S Pos: 17
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 8/4/05 9:26:17 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2064.0	-0.0036995	0.00028645	mg/L	-0.0036995	0.00028645	mg/L	7.74%
Al 308.215	1001644.4	70.2089	0.22550	mg/L	70.2089	0.22550	mg/L	0.32%
Ba 233.527	54108.3	1.37251	0.002590	mg/L	1.37251	0.002590	mg/L	0.19%
Ca 315.887	1349255.1	37.1545	0.08988	mg/L	37.1545	0.08988	mg/L	0.24%
Cd 226.502	1140.4	0.0025000	0.00000164	mg/L	0.0025000	0.00000164	mg/L	0.07%
Co 228.616	1630.2	0.0585830	0.00029291	mg/L	0.0585830	0.00029291	mg/L	0.50%
Cu 324.754	68714.3	0.524048	0.0018755	mg/L	0.524048	0.0018755	mg/L	0.36%
Fe 273.955	1768030.5	131.121	0.3941	mg/L	131.121	0.3941	mg/L	0.30%
Mg 279.079	224316.9	18.3315	0.05241	mg/L	18.3315	0.05241	mg/L	0.29%
Mn 257.610	1005797.3	2.05724	0.005401	mg/L	2.05724	0.005401	mg/L	0.26%
Se 196.026	-31.9	0.0304141	0.00367256	mg/L	0.0304141	0.00367256	mg/L	12.08%
V 292.402	20251.3	0.154880	0.0004552	mg/L	0.154880	0.0004552	mg/L	0.29%
Zn 206.200	111289.1	2.52002	0.006473	mg/L	2.52002	0.006473	mg/L	0.26%
Na 330.237	5175.6	14.5647	0.04850	mg/L	14.5647	0.04850	mg/L	0.33%
Ti 334.941	1090568.7	2.28534	0.007230	mg/L	2.28534	0.007230	mg/L	0.32%
Mo 202.030	-35.5	0.0028973	0.00029881	mg/L	0.0028973	0.00029881	mg/L	10.31%
Sn 189.933	540.0	0.0717973	0.00044633	mg/L	0.0717973	0.00044633	mg/L	0.62%
Be 234.861	-1071.4	0.0045541	0.00004697	mg/L	0.0045541	0.00004697	mg/L	1.03%
As 188.979	205.7	0.0997640	0.00029346	mg/L	0.0997640	0.00029346	mg/L	0.29%
Sb 206.833	84.0	0.0048678	0.00123287	mg/L	0.0048678	0.00123287	mg/L	25.33%
Cr 206.158	2657.0	0.126593	0.0005416	mg/L	0.126593	0.0005416	mg/L	0.43%
Pb 220.353	15810.7	3.74723	0.005672	mg/L	3.74723	0.005672	mg/L	0.15%
Ni 231.604	3425.6	0.163410	0.0000160	mg/L	0.163410	0.0000160	mg/L	0.01%
Tl 190.800	-87.0	0.0021201	0.00264383	mg/L	0.0021201	0.00264383	mg/L	124.70%

Mean Data

ID: 18855-001 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 18

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 8/4/05 9:29:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-766.8	-0.0056208	0.00016768	mg/L	-0.0056208	0.00016768	mg/L	2.98%
Al 308.215	196738.5	13.5351	0.08163	mg/L	13.5351	0.08163	mg/L	0.60%
Ba 233.527	10739.1	0.272409	0.0007301	mg/L	0.272409	0.0007301	mg/L	0.27%
Ca 315.887	254625.0	7.01162	0.032931	mg/L	7.01162	0.032931	mg/L	0.47%
Cd 226.502	68.5	0.0007012	0.00001697	mg/L	0.0007012	0.00001697	mg/L	2.42%
Co 228.616	246.4	0.0088560	0.00021174	mg/L	0.0088560	0.00021174	mg/L	2.39%
Cu 324.754	19430.0	0.100965	0.0001829	mg/L	0.100965	0.0001829	mg/L	0.18%
Fe 273.955	358337.5	26.5258	0.15640	mg/L	26.5258	0.15640	mg/L	0.59%
Mg 279.079	43868.4	3.58499	0.020667	mg/L	3.58499	0.020667	mg/L	0.58%
Mn 257.610	201267.5	0.411669	0.0021397	mg/L	0.411669	0.0021397	mg/L	0.52%
Se 196.026	39.6	0.0051261	0.00079735	mg/L	0.0051261	0.00079735	mg/L	15.55%
V 292.402	3800.8	0.0256168	0.00023125	mg/L	0.0256168	0.00023125	mg/L	0.90%
Zn 206.200	22711.8	0.505466	0.0029197	mg/L	0.505466	0.0029197	mg/L	0.58%
Na 330.237	1737.4	3.92553	0.022922	mg/L	3.92553	0.022922	mg/L	0.58%
Ti 334.941	216075.7	0.452797	0.0029890	mg/L	0.452797	0.0029890	mg/L	0.66%
Mo 202.030	-90.7	-0.0060049	0.00038840	mg/L	-0.0060049	0.00038840	mg/L	6.47%
Sn 189.933	69.5	0.0101150	0.00037957	mg/L	0.0101150	0.00037957	mg/L	3.75%
Be 234.861	-569.4	-0.0010656	0.00001554	mg/L	-0.0010656	0.00001554	mg/L	1.46%
As 188.979	10.4	0.0147204	0.00088113	mg/L	0.0147204	0.00088113	mg/L	5.99%
Sb 206.833	68.2	0.0001774	0.00071666	mg/L	0.0001774	0.00071666	mg/L	404.04%
Cr 206.158	636.9	0.0169895	0.00000301	mg/L	0.0169895	0.00000301	mg/L	0.02%
Pb 220.353	3093.1	0.731171	0.0016369	mg/L	0.731171	0.0016369	mg/L	0.22%
Ni 231.604	669.9	0.0336000	0.00023323	mg/L	0.0336000	0.00023323	mg/L	0.69%
Tl 190.800	-69.1	-0.0062808	0.00097748	mg/L	-0.0062808	0.00097748	mg/L	15.56%

Mean Data

ID: 18855-002 Seq. No.: 22 Sample No.: 11 A/S Pos: 19

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 8/4/05 9:32:17 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1029.8	-0.0009571	0.00007692	mg/L	-0.0009571	0.00007692	mg/L	8.04%
Al 308.215	464590.0	32.3947	0.09883	mg/L	32.3947	0.09883	mg/L	0.31%
Ba 233.527	26777.6	0.679240	0.0034218	mg/L	0.679240	0.0034218	mg/L	0.50%
Ca 315.887	10796518.6	297.304	1.4543	mg/L	297.304	1.4543	mg/L	0.49%

Cd 226.502	1709.3	0.0103643	0.00005176	mg/L	0.0103643	0.00005176	mg/L	0.50%
Co 228.616	1051.8	0.0377973	0.00047293	mg/L	0.0377973	0.00047293	mg/L	1.25%
Cu 324.754	117993.5	0.936565	0.0090599	mg/L	0.936565	0.0090599	mg/L	0.97%
Fe 273.955	1375684.5	102.010	0.2641	mg/L	102.010	0.2641	mg/L	0.26%
Mg 279.079	369182.4	30.1701	0.04142	mg/L	30.1701	0.04142	mg/L	0.14%
Mn 257.610	949858.7	1.94282	0.003157	mg/L	1.94282	0.003157	mg/L	0.16%
Se 196.026	-19.3	0.0222190	0.00265126	mg/L	0.0222190	0.00265126	mg/L	11.93%
V 292.402	30900.1	0.222569	0.0014919	mg/L	0.222569	0.0014919	mg/L	0.67%
Zn 206.200	174710.1	3.96243	0.018689	mg/L	3.96243	0.018689	mg/L	0.47%
Na 330.237	8684.1	22.2328	0.07433	mg/L	22.2328	0.07433	mg/L	0.33%
Ti 334.941	628916.6	1.31793	0.000833	mg/L	1.31793	0.000833	mg/L	0.06%
Mo 202.030	22.8	0.0015060	0.00013814	mg/L	0.0015060	0.00013814	mg/L	9.17%
Sn 189.933	455.6	0.0553743	0.00012345	mg/L	0.0553743	0.00012345	mg/L	0.22%
Be 234.861	-1456.2	0.0023776	0.00000326	mg/L	0.0023776	0.00000326	mg/L	0.14%
As 188.979	156.7	0.0786470	0.00018991	mg/L	0.0786470	0.00018991	mg/L	0.24%
Sb 206.833	84.0	0.0048798	0.00047320	mg/L	0.0048798	0.00047320	mg/L	9.70%
Cr 206.158	2141.1	0.112273	0.0010473	mg/L	0.112273	0.0010473	mg/L	0.93%
Pb 220.353	11512.3	2.73008	0.016359	mg/L	2.73008	0.016359	mg/L	0.60%
Ni 231.604	3407.8	0.167590	0.0012698	mg/L	0.167590	0.0012698	mg/L	0.76%
Tl 190.800	-72.1	0.0033090	0.00241725	mg/L	0.0033090	0.00241725	mg/L	73.05%

Mean Data ----------

ID: 18855-003 Seq. No.: 23 Sample No.: 12 A/S Pos: 20
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:35:47 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	643.0	-0.0011919	0.00103695	mg/L	-0.0011919	0.00103695	mg/L	87.00%
Al 308.215	277809.3	19.0659	0.03081	mg/L	19.0659	0.03081	mg/L	0.16%
Ba 233.527	47679.8	1.20945	0.004497	mg/L	1.20945	0.004497	mg/L	0.37%
Ca 315.887	32749676.9	901.830	4.7116	mg/L	901.830	4.7116	mg/L	0.52%
Cd 226.502	1871.2	0.0081675	0.00012603	mg/L	0.0081675	0.00012603	mg/L	1.54%
Co 228.616	733.1	0.0263448	0.00009500	mg/L	0.0263448	0.00009500	mg/L	0.36%
Cu 324.754	84577.5	0.650536	0.0024257	mg/L	0.650536	0.0024257	mg/L	0.37%
Fe 273.955	2117941.1	157.084	0.0245	mg/L	157.084	0.0245	mg/L	0.02%
Mg 279.079	7108901.7	580.949	4.1699	mg/L	580.949	4.1699	mg/L	0.72%
Mn 257.610	1041926.8	2.13114	0.001042	mg/L	2.13114	0.001042	mg/L	0.05%
Se 196.026	-146.3	0.0213671	0.00023211	mg/L	0.0213671	0.00023211	mg/L	1.09%
V 292.402	24875.5	0.110982	0.0005513	mg/L	0.110982	0.0005513	mg/L	0.50%
Zn 206.200	140606.4	3.18680	0.008892	mg/L	3.18680	0.008892	mg/L	0.28%
Na 330.237	7930.0	14.0350	0.09268	mg/L	14.0350	0.09268	mg/L	0.66%
Ti 334.941	344159.1	0.721202	0.0001161	mg/L	0.721202	0.0001161	mg/L	0.02%
Mo 202.030	-6.0	0.0058910	0.00011360	mg/L	0.0058910	0.00011360	mg/L	1.93%
Sn 189.933	1569.4	0.185945	0.0015990	mg/L	0.185945	0.0015990	mg/L	0.86%
Be 234.861	-2833.6	0.0025548	0.00001417	mg/L	0.0025548	0.00001417	mg/L	0.55%
As 188.979	92.3	0.0657307	0.00074150	mg/L	0.0657307	0.00074150	mg/L	1.13%
Sb 206.833	88.8	0.0063230	0.00063004	mg/L	0.0063230	0.00063004	mg/L	9.96%
Cr 206.158	1994.0	0.100413	0.0008667	mg/L	0.100413	0.0008667	mg/L	0.86%
Pb 220.353	19556.8	4.64608	0.001224	mg/L	4.64608	0.001224	mg/L	0.03%
Ni 231.604	2246.3	0.0932935	0.00021026	mg/L	0.0932935	0.00021026	mg/L	0.23%
Tl 190.800	-72.1	-0.0019079	0.00183297	mg/L	-0.0019079	0.00183297	mg/L	96.07%

Mean Data ----------

ID: 18855-004 Seq. No.: 24 Sample No.: 13 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:39:58 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-732.7	-0.0053705	0.00008172	mg/L	-0.0053705	0.00008172	mg/L	1.52%
Al 308.215	313184.8	21.7341	0.02695	mg/L	21.7341	0.02695	mg/L	0.12%
Ba 233.527	39004.7	0.989392	0.0004548	mg/L	0.989392	0.0004548	mg/L	0.05%
Ca 315.887	6230616.6	171.573	1.3592	mg/L	171.573	1.3592	mg/L	0.79%
Cd 226.502	495.4	0.0015358	0.00016084	mg/L	0.0015358	0.00016084	mg/L	10.47%
Co 228.616	690.7	0.0248218	0.00022657	mg/L	0.0248218	0.00022657	mg/L	0.91%
Cu 324.754	39211.7	0.268670	0.0003182	mg/L	0.268670	0.0003182	mg/L	0.12%
Fe 273.955	681920.4	50.5347	0.02169	mg/L	50.5347	0.02169	mg/L	0.04%
Mg 279.079	224419.8	18.3399	0.02542	mg/L	18.3399	0.02542	mg/L	0.14%
Mn 257.610	643191.6	1.31557	0.001723	mg/L	1.31557	0.001723	mg/L	0.13%
Se 196.026	8.1	0.0085409	0.00124388	mg/L	0.0085409	0.00124388	mg/L	14.56%
V 292.402	13723.2	0.0995800	0.00051970	mg/L	0.0995800	0.00051970	mg/L	0.52%

Zn 206.200	58759.4	1.32531	0.000238	mg/L	1.32531	0.000238	mg/L	0.02%
Na 330.237	3593.6	8.74818	0.082482	mg/L	8.74818	0.082482	mg/L	0.94%
Ti 334.941	451249.4	0.945615	0.0007925	mg/L	0.945615	0.0007925	mg/L	0.08%
Mo 202.030	-40.1	-0.0026508	0.00047278	mg/L	-0.0026508	0.00047278	mg/L	17.84%
Sn 189.933	622.0	0.0748877	0.00044850	mg/L	0.0748877	0.00044850	mg/L	0.60%
Be 234.861	-636.6	-0.0011914	0.00000085	mg/L	-0.0011914	0.00000085	mg/L	0.07%
As 188.979	41.6	0.0270637	0.00224555	mg/L	0.0270637	0.00224555	mg/L	8.30%
Sb 206.833	78.6	0.0032697	0.00074751	mg/L	0.0032697	0.00074751	mg/L	22.86%
Cr 206.158	1936.1	0.0855433	0.00080781	mg/L	0.0855433	0.00080781	mg/L	0.94%
Pb 220.353	30879.8	7.30991	0.003364	mg/L	7.30991	0.003364	mg/L	0.05%
Ni 231.604	1865.7	0.0910589	0.00012761	mg/L	0.0910589	0.00012761	mg/L	0.14%
Tl 190.800	-76.3	-0.0026728	0.00220751	mg/L	-0.0026728	0.00220751	mg/L	82.59%

Mean Data ----------

ID: ICSA V-4505 Seq. No.: 25 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: 8/4/05 9:43:20 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-328.7	-0.0024095	0.00003210	mg/L				1.33%
Al 308.215	6564925.6	461.812	2.9084	mg/L				0.63%
Ba 233.527	-99.6	-0.0025256	0.00017242	mg/L				6.83%
Ca 315.887	16277947.0	448.247	1.7124	mg/L				0.38%
Cd 226.502	1384.7	0.0016002	0.00017048	mg/L				10.65%
Co 228.616	64.2	0.0023058	0.00002667	mg/L				1.16%
Cu 324.754	7061.0	0.0033142	0.00000967	mg/L				0.29%
Fe 273.955	2422908.3	179.711	0.4349	mg/L				0.24%
Mg 279.079	6202896.2	506.909	2.5130	mg/L				0.50%
Mn 257.610	-2049.0	-0.0041910	0.00012215	mg/L				2.91%
Se 196.026	-221.2	0.0102503	0.00031537	mg/L				3.08%
V 292.402	7293.9	0.0056867	0.00003344	mg/L				0.59%
Zn 206.200	325.4	-0.0036796	0.00093330	mg/L				25.36%
Na 330.237	769.0	-4.96666	0.079891	mg/L				1.61%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1717.4	-0.0035988	0.00004853	mg/L				1.35%
Mo 202.030	-191.2	-0.0054618	0.00010342	mg/L				1.89%
Sn 189.933	6.9	0.0027810	0.00044398	mg/L				15.96%
Be 234.861	-4646.1	0.0002945	0.00013427	mg/L				45.59%
As 188.979	-61.3	-0.0028227	0.00063311	mg/L				22.43%
Sb 206.833	97.5	-0.0044942	0.00060234	mg/L				13.40%
Cr 206.158	778.4	0.0050076	0.00012153	mg/L				2.43%
Pb 220.353	-168.3	0.0007554	0.00027847	mg/L				36.86%
Ni 231.604	932.0	0.0090886	0.00070090	mg/L				7.71%
Tl 190.800	-63.8	-0.0028228	0.00770299	mg/L				272.88%

Mean Data ----------

ID: ICSAB V-4506 Seq. No.: 26 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: 8/4/05 9:46:36 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	137891.0	1.01072	0.000812	mg/L				0.08%
Al 308.215	6532729.6	459.546	2.7609	mg/L				0.60%
Ba 233.527	19141.2	0.485536	0.0019300	mg/L				0.40%
Ca 315.887	16166749.1	445.185	1.9356	mg/L				0.43%
Cd 226.502	92057.5	0.930287	0.0014318	mg/L				0.15%
Co 228.616	13019.7	0.467887	0.0018022	mg/L				0.39%
Cu 324.754	66461.3	0.506889	0.0022493	mg/L				0.44%
Fe 273.955	2420131.9	179.505	0.3481	mg/L				0.19%
Mg 279.079	6156957.9	503.155	2.0917	mg/L				0.42%
Mn 257.610	229819.8	0.470069	0.0001430	mg/L				0.03%
Se 196.026	5743.6	0.955133	0.0017746	mg/L				0.19%
V 292.402	75299.3	0.464518	0.0009162	mg/L				0.20%
Zn 206.200	39532.8	0.888033	0.0012451	mg/L				0.14%
Na 330.237	2322.4	-0.291951	0.1089759	mg/L				37.33%
Ti 334.941	-1627.1	-0.0034096	0.00004630	mg/L				1.36%
Mo 202.030	-210.6	-0.0067549	0.00051142	mg/L				7.57%
Sn 189.933	-5.2	0.0013606	0.00130192	mg/L				95.69%
Be 234.861	251346.3	0.479376	0.0008535	mg/L				0.18%
As 188.979	2502.5	1.01015	0.005984	mg/L				0.59%

Sb 206.833	3412.0	0.983456	0.0033996	mg/L	0.35%
Cr 206.158	10962.4	0.480201	0.0021147	mg/L	0.44%
Pb 220.353	3868.2	0.956230	0.0069312	mg/L	0.72%
Ni 231.604	17859.1	0.949465	0.0006428	mg/L	0.07%
Tl 190.800	1396.1	0.946137	0.0092827	mg/L	0.98%

Mean Data ----------

ID: CCV V-4510 Seq. No.: 27 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: 8/4/05 9:49:30 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	66187.6	0.485146	0.0010724	mg/L				0.22%
Al 308.215	78097.9	5.18156	0.011362	mg/L				0.22%
Ba 233.527	20915.7	0.530546	0.0017192	mg/L				0.32%
Ca 315.887	1843696.3	50.7700	0.11118	mg/L				0.22%
Cd 226.502	49969.8	0.511792	0.0018158	mg/L				0.35%
Co 228.616	14042.2	0.504631	0.0020401	mg/L				0.40%
Cu 324.754	67605.5	0.509387	0.0013835	mg/L				0.27%
Fe 273.955	70248.0	5.15029	0.013668	mg/L				0.27%
Mg 279.079	622098.8	50.8387	0.13808	mg/L				0.27%
Mn 257.610	252314.4	0.516079	0.0012092	mg/L				0.23%
Se 196.026	3248.1	0.504125	0.0009231	mg/L				0.18%
V 292.402	76265.8	0.507138	0.0002179	mg/L				0.04%
Zn 206.200	23451.0	0.522278	0.0000000	mg/L				0.00%
Na 330.237	32697.5	50.5172	0.32667	mg/L				0.65%
Ti 334.941	241046.0	0.505124	0.0016306	mg/L				0.32%
Mo 202.030	7545.1	0.499265	0.0027657	mg/L				0.55%
Sn 189.933	4365.0	0.513648	0.0026530	mg/L				0.52%
Be 234.861	269715.5	0.504774	0.0007113	mg/L				0.14%
As 188.979	1284.6	0.518173	0.0040726	mg/L				0.79%
Sb 206.833	1769.4	0.507212	0.0017419	mg/L				0.34%
Cr 206.158	11526.6	0.518792	0.0000000	mg/L				0.00%
Pb 220.353	2171.5	0.512969	0.0009157	mg/L				0.18%
Ni 231.604	9283.7	0.512099	0.0027744	mg/L				0.54%
Tl 190.800	703.5	0.495923	0.0059756	mg/L				1.20%

Mean Data ----------

ID: CCB Seq. No.: 28 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: 8/4/05 9:52:18 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-387.8	-0.0028424	0.00049227	mg/L				17.32%
Al 308.215	4754.3	0.0174078	0.00154337	mg/L				8.87%
Ba 233.527	-4.9	-0.0001238	0.00010886	mg/L				87.92%
Ca 315.887	-16165.3	-0.445144	0.0020867	mg/L				0.47%
Cd 226.502	-166.7	-0.0017072	0.00003778	mg/L				2.21%
Co 228.616	-84.9	-0.0030526	0.00015822	mg/L				5.18%
Cu 324.754	7640.4	0.0010150	0.00052359	mg/L				51.58%
Fe 273.955	461.8	-0.0276628	0.00080584	mg/L				2.91%
Mg 279.079	553.5	0.0452348	0.00528302	mg/L				11.68%
Mn 257.610	462.3	0.0009456	0.00002057	mg/L				2.18%
Se 196.026	54.3	-0.0018378	0.00011745	mg/L				6.39%
V 292.402	-223.6	-0.0015074	0.00012672	mg/L				8.41%
Zn 206.200	308.4	-0.0040663	0.00025380	mg/L				6.24%
Na 330.237	847.6	1.27430	0.067246	mg/L				5.28%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-190.2	-0.0003987	0.00000840	mg/L				2.11%
Mo 202.030	-102.8	-0.0068014	0.00004267	mg/L				0.63%
Sn 189.933	-33.4	-0.0019407	0.00044561	mg/L				22.96%
Be 234.861	-366.7	-0.0006862	0.00000232	mg/L				0.34%
As 188.979	-40.8	-0.0055163	0.00058196	mg/L				10.55%
Sb 206.833	65.8	-0.0005565	0.00096038	mg/L				172.58%
Cr 206.158	164.7	-0.0047705	0.00023728	mg/L				4.97%
Pb 220.353	5.1	0.0000499	0.00034419	mg/L				690.08%
Ni 231.604	-0.2	-0.0036245	0.00031430	mg/L				8.67%
Tl 190.800	-62.3	-0.0018914	0.00368359	mg/L				194.75%

Mean Data ----------

ID: 18807-021 Seq. No.: 29 Sample No.: 14 A/S Pos: 22
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:55:07 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1073.3	-0.0078674	0.00035348	mg/L	-0.0078674	0.00035348	mg/L	4.49%
Al 308.215	218257.1	15.0502	0.16871	mg/L	15.0502	0.16871	mg/L	1.12%
Ba 233.527	3128.7	0.0793635	0.00021684	mg/L	0.0793635	0.00021684	mg/L	0.27%
Ca 315.887	27466.9	0.756358	0.0042239	mg/L	0.756358	0.0042239	mg/L	0.56%
Cd 226.502	212.4	-0.0012159	0.00009412	mg/L	-0.0012159	0.00009412	mg/L	7.74%
Co 228.616	589.0	0.0211656	0.00002271	mg/L	0.0211656	0.00002271	mg/L	0.11%
Cu 324.754	16798.2	0.0786531	0.00080397	mg/L	0.0786531	0.00080397	mg/L	1.02%
Fe 273.955	653734.8	48.4434	0.51749	mg/L	48.4434	0.51749	mg/L	1.07%
Mg 279.079	67803.9	5.54103	0.049357	mg/L	5.54103	0.049357	mg/L	0.89%
Mn 257.610	174452.2	0.356821	0.0035571	mg/L	0.356821	0.0035571	mg/L	1.00%
Se 196.026	-9.7	0.0049800	0.00039760	mg/L	0.0049800	0.00039760	mg/L	7.98%
V 292.402	7217.0	0.0554353	0.00016960	mg/L	0.0554353	0.00016960	mg/L	0.31%
Zn 206.200	8795.2	0.188953	0.0008275	mg/L	0.188953	0.0008275	mg/L	0.44%
Na 330.237	1036.6	1.55853	0.029234	mg/L	1.55853	0.029234	mg/L	1.88%
Ti 334.941	343370.0	0.719548	0.0073846	mg/L	0.719548	0.0073846	mg/L	1.03%
Mo 202.030	-99.1	-0.0065593	0.00053876	mg/L	-0.0065593	0.00053876	mg/L	8.21%
Sn 189.933	91.0	0.0126434	0.00050132	mg/L	0.0126434	0.00050132	mg/L	3.97%
Be 234.861	-816.0	-0.0015272	0.00007815	mg/L	-0.0015272	0.00007815	mg/L	5.12%
As 188.979	-12.6	0.0056489	0.00080719	mg/L	0.0056489	0.00080719	mg/L	14.29%
Sb 206.833	73.7	0.0018098	0.00167073	mg/L	0.0018098	0.00167073	mg/L	92.31%
Cr 206.158	1829.3	0.0719340	0.00081327	mg/L	0.0719340	0.00081327	mg/L	1.13%
Pb 220.353	448.9	0.105133	0.0023296	mg/L	0.105133	0.0023296	mg/L	2.22%
Ni 231.604	1085.8	0.0481093	0.00032877	mg/L	0.0481093	0.00032877	mg/L	0.68%
Tl 190.800	-75.7	-0.0042555	0.00146673	mg/L	-0.0042555	0.00146673	mg/L	34.47%

Mean Data

ID: 18807-022 Seq. No.: 30 Sample No.: 15 A/S Pos: 23
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 9:58:07 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2126.2	-0.0053738	0.00002325	mg/L	-0.0053738	0.00002325	mg/L	0.43%
Al 308.215	749470.1	52.4532	0.10743	mg/L	52.4532	0.10743	mg/L	0.20%
Ba 233.527	18792.9	0.476699	0.0016010	mg/L	0.476699	0.0016010	mg/L	0.34%
Ca 315.887	495458.0	13.6435	0.02813	mg/L	13.6435	0.02813	mg/L	0.21%
Cd 226.502	888.0	0.0009609	0.00002876	mg/L	0.0009609	0.00002876	mg/L	2.99%
Co 228.616	1670.4	0.0600289	0.00040791	mg/L	0.0600289	0.00040791	mg/L	0.68%
Cu 324.754	19944.8	0.105329	0.0005903	mg/L	0.105329	0.0005903	mg/L	0.56%
Fe 273.955	1566685.5	116.182	0.1170	mg/L	116.182	0.1170	mg/L	0.10%
Mg 279.079	268750.1	21.9626	0.03336	mg/L	21.9626	0.03336	mg/L	0.15%
Mn 257.610	1303112.3	2.66536	0.000242	mg/L	2.66536	0.000242	mg/L	0.01%
Se 196.026	-75.0	0.0183531	0.00018873	mg/L	0.0183531	0.00018873	mg/L	1.03%
V 292.402	18738.8	0.142591	0.0001409	mg/L	0.142591	0.0001409	mg/L	0.10%
Zn 206.200	20044.5	0.444801	0.0006927	mg/L	0.444801	0.0006927	mg/L	0.16%
Na 330.237	1092.2	3.01561	0.008285	mg/L	3.01561	0.008285	mg/L	0.27%
Ti 334.941	974318.1	2.04173	0.002112	mg/L	2.04173	0.002112	mg/L	0.10%
Mo 202.030	-116.9	-0.0077362	0.00014875	mg/L	-0.0077362	0.00014875	mg/L	1.92%
Sn 189.933	183.0	0.0292548	0.00034447	mg/L	0.0292548	0.00034447	mg/L	1.18%
Be 234.861	-1018.9	0.0039050	0.00007507	mg/L	0.0039050	0.00007507	mg/L	1.92%
As 188.979	35.8	0.0317390	0.00061415	mg/L	0.0317390	0.00061415	mg/L	1.94%
Sb 206.833	79.5	0.0035502	0.00205056	mg/L	0.0035502	0.00205056	mg/L	57.76%
Cr 206.158	5507.8	0.241439	0.0017779	mg/L	0.241439	0.0017779	mg/L	0.74%
Pb 220.353	483.1	0.113232	0.0005793	mg/L	0.113232	0.0005793	mg/L	0.51%
Ni 231.604	2887.1	0.136149	0.0000369	mg/L	0.136149	0.0000369	mg/L	0.03%
Tl 190.800	-94.3	-0.0048090	0.00177705	mg/L	-0.0048090	0.00177705	mg/L	36.95%

Mean Data

ID: 18807-023 Seq. No.: 31 Sample No.: 16 A/S Pos: 24
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:01:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1174.5	-0.0005851	0.00021954	mg/L	-0.0005851	0.00021954	mg/L	37.52%
Al 308.215	559869.3	39.1033	0.23249	mg/L	39.1033	0.23249	mg/L	0.59%

Ba 233.527	32095.5	0.814135	0.0031613	mg/L	0.814135	0.0031613	mg/L	0.39%
Ca 315.887	3351471.7	92.2897	0.28879	mg/L	92.2897	0.28879	mg/L	0.31%
Cd 226.502	3968.6	0.0228255	0.00011537	mg/L	0.0228255	0.00011537	mg/L	0.51%
Co 228.616	2671.9	0.0960211	0.00048559	mg/L	0.0960211	0.00048559	mg/L	0.51%
Cu 324.754	131348.1	1.06000	0.005748	mg/L	1.06000	0.005748	mg/L	0.54%
Fe 273.955	3431381.5	254.537	0.8052	mg/L	254.537	0.8052	mg/L	0.32%
Mg 279.079	246255.6	20.1243	0.04937	mg/L	20.1243	0.04937	mg/L	0.25%
Mn 257.610	3942330.8	8.06357	0.028731	mg/L	8.06357	0.028731	mg/L	0.36%
Se 196.026	-252.0	0.0306480	0.00148095	mg/L	0.0306480	0.00148095	mg/L	4.83%
V 292.402	19605.8	0.167837	0.0006505	mg/L	0.167837	0.0006505	mg/L	0.39%
Zn 206.200	116494.6	2.63841	0.003017	mg/L	2.63841	0.003017	mg/L	0.11%
Na 330.237	4853.8	13.0827	0.03915	mg/L	13.0827	0.03915	mg/L	0.30%
Ti 334.941	765587.5	1.60433	0.011260	mg/L	1.60433	0.011260	mg/L	0.70%
Mo 202.030	688.8	0.0557606	0.00032397	mg/L	0.0557606	0.00032397	mg/L	0.58%
Sn 189.933	1539.0	0.182379	0.0015770	mg/L	0.182379	0.0015770	mg/L	0.86%
Be 234.861	-3459.9	0.0062576	0.00006354	mg/L	0.0062576	0.00006354	mg/L	1.02%
As 188.979	228.6	0.116193	0.0016178	mg/L	0.116193	0.0016178	mg/L	1.39%
Sb 206.833	500.7	0.129080	0.0005160	mg/L	0.129080	0.0005160	mg/L	0.40%
Cr 206.158	11771.1	0.547353	0.0034469	mg/L	0.547353	0.0034469	mg/L	0.63%
Pb 220.353	36159.9	8.55350	0.040680	mg/L	8.55350	0.040680	mg/L	0.48%
Ni 231.604	7335.4	0.358702	0.0000634	mg/L	0.358702	0.0000634	mg/L	0.02%
Tl 190.800	-84.5	0.0028820	0.00194347	mg/L	0.0028820	0.00194347	mg/L	67.43%

Mean Data

ID: 18807-024 Seq. No.: 32 Sample No.: 17 A/S Pos: 25
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:04:10 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2812.3	-0.0049233	0.00025701	mg/L	-0.0049233	0.00025701	mg/L	5.22%
Al 308.215	580458.8	40.5530	0.15371	mg/L	40.5530	0.15371	mg/L	0.38%
Ba 233.527	18900.4	0.479428	0.0028689	mg/L	0.479428	0.0028689	mg/L	0.60%
Ca 315.887	814024.1	22.4158	0.11082	mg/L	22.4158	0.11082	mg/L	0.49%
Cd 226.502	781.3	0.0016696	0.00009459	mg/L	0.0016696	0.00009459	mg/L	5.67%
Co 228.616	1183.3	0.0425235	0.00022628	mg/L	0.0425235	0.00022628	mg/L	0.53%
Cu 324.754	22471.1	0.126747	0.0004319	mg/L	0.126747	0.0004319	mg/L	0.34%
Fe 273.955	1219795.6	90.4436	0.23478	mg/L	90.4436	0.23478	mg/L	0.26%
Mg 279.079	248600.3	20.3159	0.08762	mg/L	20.3159	0.08762	mg/L	0.43%
Mn 257.610	1353169.4	2.76775	0.008046	mg/L	2.76775	0.008046	mg/L	0.29%
Se 196.026	-59.1	0.0118556	0.00211907	mg/L	0.0118556	0.00211907	mg/L	17.87%
V 292.402	13194.6	0.101614	0.0002121	mg/L	0.101614	0.0002121	mg/L	0.21%
Zn 206.200	46644.4	1.04978	0.002634	mg/L	1.04978	0.002634	mg/L	0.25%
Na 330.237	1579.9	6.10745	0.019838	mg/L	6.10745	0.019838	mg/L	0.32%
Ti 334.941	1497132.3	3.13731	0.013864	mg/L	3.13731	0.013864	mg/L	0.44%
Mo 202.030	-89.8	-0.0059453	0.00009580	mg/L	-0.0059453	0.00009580	mg/L	1.61%
Sn 189.933	154.3	0.0290201	0.00024557	mg/L	0.0290201	0.00024557	mg/L	0.85%
Be 234.861	-1238.1	0.0022072	0.00006304	mg/L	0.0022072	0.00006304	mg/L	2.86%
As 188.979	-19.7	0.0145322	0.00112935	mg/L	0.0145322	0.00112935	mg/L	7.77%
Sb 206.833	81.4	0.0093104	0.00084475	mg/L	0.0093104	0.00084475	mg/L	9.07%
Cr 206.158	2459.5	0.107854	0.0000173	mg/L	0.107854	0.0000173	mg/L	0.02%
Pb 220.353	2070.7	0.489107	0.0017274	mg/L	0.489107	0.0017274	mg/L	0.35%
Ni 231.604	2067.1	0.0951632	0.00073683	mg/L	0.0951632	0.00073683	mg/L	0.77%
Tl 190.800	-100.6	0.0007219	0.00064938	mg/L	0.0007219	0.00064938	mg/L	89.95%

Mean Data

ID: 18807-025 Seq. No.: 33 Sample No.: 18 A/S Pos: 26
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:07:05 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2304.2	-0.0060186	0.00019875	mg/L	-0.0060186	0.00019875	mg/L	3.30%
Al 308.215	1064510.6	74.6354	0.12069	mg/L	74.6354	0.12069	mg/L	0.16%
Ba 233.527	34571.2	0.876933	0.0014704	mg/L	0.876933	0.0014704	mg/L	0.17%
Ca 315.887	409736.7	11.2829	0.00800	mg/L	11.2829	0.00800	mg/L	0.07%
Cd 226.502	1017.2	0.0010418	0.00002291	mg/L	0.0010418	0.00002291	mg/L	2.20%
Co 228.616	2301.0	0.0826906	0.00015728	mg/L	0.0826906	0.00015728	mg/L	0.19%
Cu 324.754	16377.1	0.0804567	0.00044457	mg/L	0.0804567	0.00044457	mg/L	0.55%
Fe 273.955	1805850.2	133.927	0.3552	mg/L	133.927	0.3552	mg/L	0.27%
Mg 279.079	326109.7	26.6501	0.01908	mg/L	26.6501	0.01908	mg/L	0.07%
Mn 257.610	928729.0	1.89961	0.002519	mg/L	1.89961	0.002519	mg/L	0.13%

Se 196.026	-105.1	0.0197855	0.00018405	mg/L	0.0197855	0.00018405 mg/L	0.93%
V 292.402	25446.2	0.190287	0.0001354	mg/L	0.190287	0.0001354 mg/L	0.07%
Zn 206.200	18292.8	0.404962	0.0001497	mg/L	0.404962	0.0001497 mg/L	0.04%
Na 330.237	1258.7	3.09878	0.010708	mg/L	3.09878	0.010708 mg/L	0.35%
Ti 334.941	1037262.3	2.17363	0.000839	mg/L	2.17363	0.000839 mg/L	0.04%
Mo 202.030	-109.8	-0.0019072	0.00010927	mg/L	-0.0019072	0.00010927 mg/L	5.73%
Sn 189.933	110.3	0.0211014	0.00018815	mg/L	0.0211014	0.00018815 mg/L	0.89%
Be 234.861	-311.5	0.0061166	0.00010389	mg/L	0.0061166	0.00010389 mg/L	1.70%
As 188.979	-16.4	0.0121516	0.00002103	mg/L	0.0121516	0.00002103 mg/L	0.17%
Sb 206.833	77.9	0.0030680	0.00512801	mg/L	0.0030680	0.00512801 mg/L	167.14%
Cr 206.158	5225.8	0.228447	0.0004852	mg/L	0.228447	0.0004852 mg/L	0.21%
Pb 220.353	768.4	0.186144	0.0015920	mg/L	0.186144	0.0015920 mg/L	0.86%
Ni 231.604	3618.9	0.173653	0.0007222	mg/L	0.173653	0.0007222 mg/L	0.42%
Tl 190.800	-93.7	-0.0032365	0.00008082	mg/L	-0.0032365	0.00008082 mg/L	2.50%

Mean Data ----------

ID: 18853-001 Seq. No.: 34 Sample No.: 19 A/S Pos: 27
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:10:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2182.0	-0.0057520	0.00002874	mg/L	-0.0057520	0.00002874	mg/L	0.50%
Al 308.215	775115.9	54.2589	0.05580	mg/L	54.2589	0.05580	mg/L	0.10%
Ba 233.527	108722.0	2.75784	0.003379	mg/L	2.75784	0.003379	mg/L	0.12%
Ca 315.887	1504029.6	41.4166	0.02132	mg/L	41.4166	0.02132	mg/L	0.05%
Cd 226.502	1173.9	0.0012029	0.00007595	mg/L	0.0012029	0.00007595	mg/L	6.31%
Co 228.616	4136.7	0.148660	0.0006922	mg/L	0.148660	0.0006922	mg/L	0.47%
Cu 324.754	37597.0	0.261182	0.0002264	mg/L	0.261182	0.0002264	mg/L	0.09%
Fe 273.955	2083701.7	154.543	0.2638	mg/L	154.543	0.2638	mg/L	0.17%
Mg 279.079	652710.8	53.3404	0.09580	mg/L	53.3404	0.09580	mg/L	0.18%
Mn 257.610	1739050.6	3.55702	0.001365	mg/L	3.55702	0.001365	mg/L	0.04%
Se 196.026	-138.0	0.0217955	0.00157973	mg/L	0.0217955	0.00157973	mg/L	7.25%
V 292.402	29773.4	0.215116	0.0005323	mg/L	0.215116	0.0005323	mg/L	0.25%
Zn 206.200	82975.8	1.87608	0.006903	mg/L	1.87608	0.006903	mg/L	0.37%
Na 330.237	3832.0	10.5653	0.01085	mg/L	10.5653	0.01085	mg/L	0.10%
Ti 334.941	977199.7	2.04777	0.001668	mg/L	2.04777	0.001668	mg/L	0.08%
Mo 202.030	-88.1	0.0003568	0.00003096	mg/L	0.0003568	0.00003096	mg/L	8.68%
Sn 189.933	529.3	0.0698623	0.00050499	mg/L	0.0698623	0.00050499	mg/L	0.72%
Be 234.861	-1754.5	0.0044473	0.00004954	mg/L	0.0044473	0.00004954	mg/L	1.11%
As 188.979	42.4	0.0366545	0.00137231	mg/L	0.0366545	0.00137231	mg/L	3.74%
Sb 206.833	86.1	0.0054993	0.00120014	mg/L	0.0054993	0.00120014	mg/L	21.82%
Cr 206.158	8619.1	0.397107	0.0000453	mg/L	0.397107	0.0000453	mg/L	0.01%
Pb 220.353	2784.8	0.658161	0.0016937	mg/L	0.658161	0.0016937	mg/L	0.26%
Ni 231.604	29604.1	1.61347	0.003888	mg/L	1.61347	0.003888	mg/L	0.24%
Tl 190.800	-89.9	-0.0018937	0.00046416	mg/L	-0.0018937	0.00046416	mg/L	24.51%

Mean Data ----------

ID: 18853-002 Seq. No.: 35 Sample No.: 20 A/S Pos: 28
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:12:57 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1934.1	-0.0049855	0.00018342	mg/L	-0.0049855	0.00018342	mg/L	3.68%
Al 308.215	721317.6	50.4710	0.12250	mg/L	50.4710	0.12250	mg/L	0.24%
Ba 233.527	35003.7	0.887903	0.0019185	mg/L	0.887903	0.0019185	mg/L	0.22%
Ca 315.887	1036535.7	28.5431	0.09088	mg/L	28.5431	0.09088	mg/L	0.32%
Cd 226.502	1010.2	0.0007946	0.00018574	mg/L	0.0007946	0.00018574	mg/L	23.38%
Co 228.616	2899.7	0.104205	0.0005037	mg/L	0.104205	0.0005037	mg/L	0.48%
Cu 324.754	40124.9	0.281886	0.0011056	mg/L	0.281886	0.0011056	mg/L	0.39%
Fe 273.955	1839576.0	136.430	0.5508	mg/L	136.430	0.5508	mg/L	0.40%
Mg 279.079	387885.4	31.6985	0.09072	mg/L	31.6985	0.09072	mg/L	0.29%
Mn 257.610	1311538.2	2.68260	0.008873	mg/L	2.68260	0.008873	mg/L	0.33%
Se 196.026	-108.2	0.0201730	0.00160022	mg/L	0.0201730	0.00160022	mg/L	7.93%
V 292.402	25411.3	0.190402	0.0003321	mg/L	0.190402	0.0003321	mg/L	0.17%
Zn 206.200	38349.9	0.861130	0.0054140	mg/L	0.861130	0.0054140	mg/L	0.63%
Na 330.237	2207.6	5.51044	0.037175	mg/L	5.51044	0.037175	mg/L	0.67%
Ti 334.941	876989.3	1.83777	0.005096	mg/L	1.83777	0.005096	mg/L	0.28%
Mo 202.030	-78.0	0.0002974	0.00011436	mg/L	0.0002974	0.00011436	mg/L	38.45%
Sn 189.933	329.7	0.0458681	0.00026762	mg/L	0.0458681	0.00026762	mg/L	0.58%
Be 234.861	-1535.4	0.0039513	0.00002130	mg/L	0.0039513	0.00002130	mg/L	0.54%

As 188.979	59.1	0.0421445	0.00248361	mg/L	0.0421445	0.00248361	mg/L	5.89%
Sb 206.833	94.2	0.0079192	0.00046711	mg/L	0.0079192	0.00046711	mg/L	5.90%
Cr 206.158	5595.5	0.251126	0.0029015	mg/L	0.251126	0.0029015	mg/L	1.16%
Pb 220.353	2716.8	0.642077	0.0035144	mg/L	0.642077	0.0035144	mg/L	0.55%
Ni 231.604	15600.2	0.838770	0.0051269	mg/L	0.838770	0.0051269	mg/L	0.61%
Tl 190.800	-93.5	-0.0060693	0.00035989	mg/L	-0.0060693	0.00035989	mg/L	5.93%

Mean Data ----------

ID: 18853-003 Seq. No.: 36 Sample No.: 21 A/S Pos: 29
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:15:55 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1990.1	-0.0051938	0.00002718	mg/L	-0.0051938	0.00002718	mg/L	0.52%
Al 308.215	791478.0	55.4110	0.28722	mg/L	55.4110	0.28722	mg/L	0.52%
Ba 233.527	152722.0	3.87394	0.015336	mg/L	3.87394	0.015336	mg/L	0.40%
Ca 315.887	1599412.9	44.0431	0.26850	mg/L	44.0431	0.26850	mg/L	0.61%
Cd 226.502	997.3	0.0008825	0.00010086	mg/L	0.0008825	0.00010086	mg/L	11.43%
Co 228.616	2737.1	0.0983617	0.00013045	mg/L	0.0983617	0.00013045	mg/L	0.13%
Cu 324.754	35609.0	0.243475	0.0010498	mg/L	0.243475	0.0010498	mg/L	0.43%
Fe 273.955	1797313.3	133.294	0.7042	mg/L	133.294	0.7042	mg/L	0.53%
Mg 279.079	399013.3	32.6079	0.16424	mg/L	32.6079	0.16424	mg/L	0.50%
Mn 257.610	1286161.8	2.63069	0.013864	mg/L	2.63069	0.013864	mg/L	0.53%
Se 196.026	-111.5	0.0185528	0.00075768	mg/L	0.0185528	0.00075768	mg/L	4.08%
V 292.402	27764.4	0.205822	0.0014536	mg/L	0.205822	0.0014536	mg/L	0.71%
Zn 206.200	118162.8	2.67635	0.013528	mg/L	2.67635	0.013528	mg/L	0.51%
Na 330.237	5341.2	14.9838	0.11622	mg/L	14.9838	0.11622	mg/L	0.78%
Ti 334.941	896316.9	1.87828	0.011770	mg/L	1.87828	0.011770	mg/L	0.63%
Mo 202.030	-57.0	0.0015644	0.00010135	mg/L	0.0015644	0.00010135	mg/L	6.48%
Sn 189.933	819.2	0.103363	0.0007703	mg/L	0.103363	0.0007703	mg/L	0.75%
Be 234.861	-1198.1	0.0044257	0.00007954	mg/L	0.0044257	0.00007954	mg/L	1.80%
As 188.979	47.1	0.0372279	0.00149442	mg/L	0.0372279	0.00149442	mg/L	4.01%
Sb 206.833	88.1	0.0061143	0.00138599	mg/L	0.0061143	0.00138599	mg/L	22.67%
Cr 206.158	5673.1	0.266600	0.0021855	mg/L	0.266600	0.0021855	mg/L	0.82%
Pb 220.353	2364.1	0.558569	0.0012876	mg/L	0.558569	0.0012876	mg/L	0.23%
Ni 231.604	14679.0	0.788157	0.0015697	mg/L	0.788157	0.0015697	mg/L	0.20%
Tl 190.800	-89.9	-0.0033760	0.00197311	mg/L	-0.0033760	0.00197311	mg/L	58.45%

Mean Data ----------

ID: ICSA V-4505 Seq. No.: 37 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: 8/4/05 10:19:05 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-337.1	-0.0024712	0.00028913	mg/L				11.70%
Al 308.215	6571011.8	462.241	1.6310	mg/L				0.35%
Ba 233.527	-94.1	-0.0023875	0.00013228	mg/L				5.54%
Ca 315.887	16222263.4	446.713	1.4353	mg/L				0.32%
Cd 226.502	1377.0	0.0015782	0.00007420	mg/L				4.70%
Co 228.616	60.1	0.0021610	0.00036700	mg/L				16.98%
Cu 324.754	6691.1	0.0001452	0.00004667	mg/L				32.13%
Fe 273.955	2411920.1	178.896	0.9100	mg/L				0.51%
Mg 279.079	6177507.4	504.834	1.6401	mg/L				0.32%
Mn 257.610	-1907.2	-0.0039010	0.00003404	mg/L				0.87%
Se 196.026	-221.4	0.0099223	0.00084074	mg/L				8.47%
V 292.402	7480.0	0.0071078	0.00126103	mg/L				17.74%
Zn 206.200	267.7	-0.0049926	0.00074060	mg/L				14.83%
Na 330.237	793.5	-4.91337	0.001820	mg/L				0.04%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1610.7	-0.0033752	0.00033943	mg/L				10.06%
Mo 202.030	-194.0	-0.0056795	0.00000904	mg/L				0.16%
Sn 189.933	-6.3	0.0012349	0.00085677	mg/L				69.38%
Be 234.861	-4616.7	0.0003088	0.00008481	mg/L				27.46%
As 188.979	-58.3	-0.0016989	0.00041185	mg/L				24.24%
Sb 206.833	103.7	-0.0026623	0.00415007	mg/L				155.88%
Cr 206.158	774.3	0.0048002	0.00027855	mg/L				5.80%
Pb 220.353	-174.8	-0.0007789	0.00235435	mg/L				302.25%
Ni 231.604	927.2	0.0089607	0.00086035	mg/L				9.60%
Tl 190.800	-71.1	-0.0076029	0.00193610	mg/L				25.47%

Mean Data

ID: ICSAB V-4506 Seq. No.: 38 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: 8/4/05 10:22:15 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	138429.7	1.01467	0.001217	mg/L				0.12%
Al 308.215	6579098.6	462.810	1.8334	mg/L				0.40%
Ba 233.527	19222.7	0.487604	0.0030085	mg/L				0.62%
Ca 315.887	16255284.3	447.623	1.5656	mg/L				0.35%
Cd 226.502	92188.8	0.931614	0.0022182	mg/L				0.24%
Co 228.616	13015.1	0.467720	0.0025544	mg/L				0.55%
Cu 324.754	66561.9	0.507752	0.0004547	mg/L				0.09%
Fe 273.955	2423525.8	179.757	0.4033	mg/L				0.22%
Mg 279.079	6188133.6	505.702	2.0258	mg/L				0.40%
Mn 257.610	230578.0	0.471620	0.0008793	mg/L				0.19%
Se 196.026	5760.8	0.957904	0.0053538	mg/L				0.56%
V 292.402	75561.5	0.465975	0.0004204	mg/L				0.09%
Zn 206.200	39418.1	0.885424	0.0033580	mg/L				0.38%
Na 330.237	2335.5	-0.308899	0.0530664	mg/L				17.18%
Ti 334.941	-1594.5	-0.0033415	0.00004357	mg/L				1.30%
Mo 202.030	-191.9	-0.0055063	0.00091708	mg/L				16.65%
Sn 189.933	7.5	0.0028446	0.00173673	mg/L				61.05%
Be 234.861	252198.3	0.480983	0.0015460	mg/L				0.32%
As 188.979	2515.4	1.01526	0.001890	mg/L				0.19%
Sb 206.833	3407.7	0.982084	0.0104228	mg/L				1.06%
Cr 206.158	11011.8	0.482330	0.0024050	mg/L				0.50%
Pb 220.353	3893.4	0.962458	0.0108790	mg/L				1.13%
Ni 231.604	17870.4	0.949995	0.0089211	mg/L				0.94%
Tl 190.800	1392.1	0.943505	0.0054706	mg/L				0.58%

Mean Data

ID: CCV V-4510 Seq. No.: 39 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: 8/4/05 10:25:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	65943.7	0.483359	0.0039020	mg/L				0.81%
Al 308.215	77827.4	5.16252	0.039437	mg/L				0.76%
Ba 233.527	20793.2	0.527439	0.0024196	mg/L				0.46%
Ca 315.887	1833235.5	50.4819	0.34923	mg/L				0.69%
Cd 226.502	49710.1	0.509132	0.0030027	mg/L				0.59%
Co 228.616	14000.6	0.503136	0.0005742	mg/L				0.11%
Cu 324.754	67301.5	0.506809	0.0053289	mg/L				1.05%
Fe 273.955	69746.0	5.11304	0.043290	mg/L				0.85%
Mg 279.079	618317.4	50.5297	0.37352	mg/L				0.74%
Mn 257.610	251146.2	0.513690	0.0047401	mg/L				0.92%
Se 196.026	3246.4	0.503856	0.0008583	mg/L				0.17%
V 292.402	76005.1	0.505423	0.0043204	mg/L				0.85%
Zn 206.200	22948.6	0.510851	0.0006975	mg/L				0.14%
Na 330.237	32632.8	50.3902	0.35080	mg/L				0.70%
Ti 334.941	240256.8	0.503470	0.0048305	mg/L				0.96%
Mo 202.030	7522.5	0.497773	0.0013231	mg/L				0.27%
Sn 189.933	4341.6	0.510901	0.0007605	mg/L				0.15%
Be 234.861	268461.7	0.502428	0.0040916	mg/L				0.81%
As 188.979	1276.4	0.514938	0.0000649	mg/L				0.01%
Sb 206.833	1764.2	0.505660	0.0015860	mg/L				0.31%
Cr 206.158	11344.7	0.510406	0.0004607	mg/L				0.09%
Pb 220.353	2163.1	0.510975	0.0010070	mg/L				0.20%
Ni 231.604	9230.7	0.509152	0.0002066	mg/L				0.04%
Tl 190.800	702.8	0.495492	0.0024770	mg/L				0.50%

Mean Data

ID: CCB Seq. No.: 40 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: 8/4/05 10:27:57 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-440.4	-0.0032282	0.00005680	mg/L				1.76%

Al	308.215	4734.8	0.0160342	0.00466374 mg/L	29.09%
Ba	233.527	-8.9	-0.0002270	0.00011663 mg/L	51.39%
Ca	315.887	-16393.1	-0.451418	0.0016732 mg/L	0.37%
Cd	226.502	-163.6	-0.0016757	0.00003598 mg/L	2.15%
Co	228.616	-83.6	-0.0030041	0.00017802 mg/L	5.93%
Cu	324.754	7519.2	-0.0000124	0.00012661 mg/L	>999.9%
Fe	273.955	532.5	-0.0224144	0.00198623 mg/L	8.86%
Mg	279.079	615.0	0.0502619	0.00047789 mg/L	0.95%
Mn	257.610	521.1	0.0010658	0.00003580 mg/L	3.36%
Se	196.026	49.6	-0.0025726	0.00096071 mg/L	37.34%
V	292.402	-236.2	-0.0015918	0.00003931 mg/L	2.47%
Zn	206.200	288.6	-0.0045157	0.00029009 mg/L	6.42%
Na	330.237	960.3	1.44377	0.007831 mg/L	0.54%
*QC exceeds upper limit for Na 330.237 Action = Continue					
Ti	334.941	-195.8	-0.0004103	0.00000651 mg/L	1.59%
Mo	202.030	-104.6	-0.0069187	0.00005831 mg/L	0.84%
Sn	189.933	-34.5	-0.0020773	0.00031246 mg/L	15.04%
Be	234.861	-359.6	-0.0006731	0.00001029 mg/L	1.53%
As	188.979	-37.3	-0.0041261	0.00035905 mg/L	8.70%
Sb	206.833	60.1	-0.0022352	0.00005728 mg/L	2.56%
Cr	206.158	164.8	-0.0047693	0.00014691 mg/L	3.08%
Pb	220.353	3.3	-0.0003652	0.00093064 mg/L	254.80%
Ni	231.604	1.5	-0.0035303	0.00081463 mg/L	23.08%
Tl	190.800	-57.1	0.0015050	0.00457938 mg/L	304.27%

Calibration Summary

Method: PE1 Axial Date: 8/4/05 10:31:55 AM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	136428.1	0.00000	0.999981
Al 308.215	3	Linear	4507.1	14202.4	0.00000	1.000000
Ba 233.527	3	Linear-thru-Zero	0.0	39422.9	0.00000	0.999844
Ca 315.887	3	Linear-thru-Zero	0.0	36314.7	0.00000	0.999862
Cd 226.502	3	Linear-thru-Zero	0.0	97637.0	0.00000	0.999799
Co 228.616	3	Linear-thru-Zero	0.0	27826.6	0.00000	0.999885
Cu 324.754	3	Linear	7520.7	117955.2	0.00000	0.999949
Fe 273.955	3	Linear	834.6	13477.6	0.00000	0.999807
Mg 279.079	3	Linear-thru-Zero	0.0	12236.7	0.00000	0.999991
Mn 257.610	3	Linear-thru-Zero	0.0	488906.2	0.00000	0.999814
Se 196.026	3	Linear	65.9	6312.4	0.00000	0.999900
V 292.402	3	Linear-thru-Zero	0.0	148369.6	0.00000	0.999821
Zn 206.200	3	Linear	487.2	43968.7	0.00000	0.999146
Na 330.237	3	Linear-thru-Zero	0.0	665.1	0.00000	0.999662
Ti 334.941	3	Linear-thru-Zero	0.0	477202.1	0.00000	0.999888
Mo 202.030	3	Linear-thru-Zero	0.0	15112.3	0.00000	0.999885
Sn 189.933	3	Linear	-16.8	8530.8	0.00000	0.999952
Be 234.861	3	Linear-thru-Zero	0.0	534328.9	0.00000	0.999863
As 188.979	3	Linear	-26.9	2530.9	0.00000	0.999879
Sb 206.833	3	Linear	67.6	3355.1	0.00000	0.999920
Cr 206.158	3	Linear	268.3	21701.1	0.00000	0.999624
Pb 220.353	3	Linear	4.9	4223.7	0.00000	0.999968
Ni 231.604	3	Linear	65.0	18001.8	0.00000	0.999854
Tl 190.800	3	Linear	-59.4	1538.4	0.00000	0.999992

Method: PE1 Axial IEC: 121704.IEC MSF:
Results: S6230A1 Spectra Stored: Yes Method Stored: Yes
Sample Info: s6230a User: User1 Date: 8/4/05 10:31:55 AM
Method Description: 200.7/SW846

Mean Data

ID: MB 6211 (100) Seq. No.: 1 Sample No.: 1 A/S Pos: 71
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:33:18 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-390.3	-0.0028608	0.00023670	mg/L	-0.0028608	0.00023670	mg/L	8.27%
Al 308.215	5055.7	0.0386320	0.00190276	mg/L	0.0386320	0.00190276	mg/L	4.93%
Ba 233.527	25.9	0.0006565	0.00020777	mg/L	0.0006565	0.00020777	mg/L	31.65%
Ca 315.887	-6754.5	-0.185999	0.0167128	mg/L	-0.185999	0.0167128	mg/L	8.99%
Cd 226.502	-196.8	-0.0020157	0.00005582	mg/L	-0.0020157	0.00005582	mg/L	2.77%
Co 228.616	-91.6	-0.0032927	0.00008061	mg/L	-0.0032927	0.00008061	mg/L	2.45%
Cu 324.754	9963.3	0.0207079	0.00016727	mg/L	0.0207079	0.00016727	mg/L	0.81%
Fe 273.955	3722.1	0.214248	0.0258045	mg/L	0.214248	0.0258045	mg/L	12.04%
Mg 279.079	543.0	0.0443752	0.00362351	mg/L	0.0443752	0.00362351	mg/L	8.17%
Mn 257.610	1449.7	0.0029652	0.00040222	mg/L	0.0029652	0.00040222	mg/L	13.56%
Se 196.026	56.6	-0.0014748	0.00023963	mg/L	-0.0014748	0.00023963	mg/L	16.25%
V 292.402	-165.2	-0.0011137	0.00008164	mg/L	-0.0011137	0.00008164	mg/L	7.33%
Zn 206.200	553.9	0.0015183	0.00010931	mg/L	0.0015183	0.00010931	mg/L	7.20%
Na 330.237	1240.0	1.86427	0.042901	mg/L	1.86427	0.042901	mg/L	2.30%
Ti 334.941	6.4	0.0000133	0.00001114	mg/L	0.0000133	0.00001114	mg/L	83.52%
Mo 202.030	-106.9	-0.0070725	0.00046041	mg/L	-0.0070725	0.00046041	mg/L	6.51%
Sn 189.933	182.5	0.0233616	0.00011432	mg/L	0.0233616	0.00011432	mg/L	0.49%
Be 234.861	-465.4	-0.0008709	0.00001412	mg/L	-0.0008709	0.00001412	mg/L	1.62%
As 188.979	-39.7	-0.0050691	0.00018496	mg/L	-0.0050691	0.00018496	mg/L	3.65%
Sb 206.833	68.3	0.0001968	0.00090599	mg/L	0.0001968	0.00090599	mg/L	460.29%
Cr 206.158	375.3	0.0049342	0.00044794	mg/L	0.0049342	0.00044794	mg/L	9.08%
Pb 220.353	7.1	0.0005200	0.00039972	mg/L	0.0005200	0.00039972	mg/L	76.88%
Ni 231.604	204.3	0.0077347	0.00024888	mg/L	0.0077347	0.00024888	mg/L	3.22%
Tl 190.800	-68.7	-0.0060555	0.00146769	mg/L	-0.0060555	0.00146769	mg/L	24.24%

Mean Data

ID: LCS 100 Seq. No.: 2 Sample No.: 2 A/S Pos: 72

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:36:05 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	64562.1	0.473232	0.0000795	mg/L	0.473232	0.0000795	mg/L	0.02%
Al 308.215	74688.4	4.94150	0.008134	mg/L	4.94150	0.008134	mg/L	0.16%
Ba 233.527	21203.0	0.537834	0.0012064	mg/L	0.537834	0.0012064	mg/L	0.22%
Ca 315.887	1833424.7	50.4871	0.13023	mg/L	50.4871	0.13023	mg/L	0.26%
Cd 226.502	49733.0	0.509366	0.0012200	mg/L	0.509366	0.0012200	mg/L	0.24%
Co 228.616	14044.2	0.504704	0.0003006	mg/L	0.504704	0.0003006	mg/L	0.06%
Cu 324.754	68114.3	0.513700	0.0033896	mg/L	0.513700	0.0033896	mg/L	0.66%
Fe 273.955	71579.4	5.24908	0.030263	mg/L	5.24908	0.030263	mg/L	0.58%
Mg 279.079	613917.4	50.1701	0.13708	mg/L	50.1701	0.13708	mg/L	0.27%
Mn 257.610	252550.2	0.516562	0.0016490	mg/L	0.516562	0.0016490	mg/L	0.32%
Se 196.026	3079.0	0.477341	0.0031860	mg/L	0.477341	0.0031860	mg/L	0.67%
V 292.402	75852.5	0.504443	0.0013652	mg/L	0.504443	0.0013652	mg/L	0.27%
Zn 206.200	23252.6	0.517765	0.0007518	mg/L	0.517765	0.0007518	mg/L	0.15%
Na 330.237	32158.8	49.6955	0.11966	mg/L	49.6955	0.11966	mg/L	0.24%
Ti 334.941	237029.1	0.496706	0.0001228	mg/L	0.496706	0.0001228	mg/L	0.02%
Mo 202.030	7471.6	0.494405	0.0006501	mg/L	0.494405	0.0006501	mg/L	0.13%
Sn 189.933	4441.4	0.522595	0.0010283	mg/L	0.522595	0.0010283	mg/L	0.20%
Be 234.861	264479.4	0.494975	0.0010928	mg/L	0.494975	0.0010928	mg/L	0.22%
As 188.979	1253.7	0.505984	0.0013259	mg/L	0.505984	0.0013259	mg/L	0.26%
Sb 206.833	1751.5	0.501893	0.0021665	mg/L	0.501893	0.0021665	mg/L	0.43%
Cr 206.158	11443.7	0.514969	0.0003872	mg/L	0.514969	0.0003872	mg/L	0.08%
Pb 220.353	2163.5	0.511064	0.0011489	mg/L	0.511064	0.0011489	mg/L	0.22%
Ni 231.604	9330.8	0.514714	0.0001649	mg/L	0.514714	0.0001649	mg/L	0.03%
Tl 190.800	686.6	0.484954	0.0003866	mg/L	0.484954	0.0003866	mg/L	0.08%

Mean Data

ID: LCS 100 MR Seq. No.: 3 Sample No.: 3 A/S Pos: 73
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:39:40 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	63778.3	0.467486	0.0056673	mg/L	0.467486	0.0056673	mg/L	1.21%
Al 308.215	73533.5	4.86019	0.065801	mg/L	4.86019	0.065801	mg/L	1.35%
Ba 233.527	20498.0	0.519951	0.0000708	mg/L	0.519951	0.0000708	mg/L	0.01%
Ca 315.887	1816179.4	50.0122	0.75567	mg/L	50.0122	0.75567	mg/L	1.51%
Cd 226.502	49215.5	0.504066	0.0065366	mg/L	0.504066	0.0065366	mg/L	1.30%
Co 228.616	13936.9	0.500848	0.0017397	mg/L	0.500848	0.0017397	mg/L	0.35%
Cu 324.754	67070.0	0.504846	0.0059155	mg/L	0.504846	0.0059155	mg/L	1.17%
Fe 273.955	68954.3	5.05430	0.074533	mg/L	5.05430	0.074533	mg/L	1.47%
Mg 279.079	608093.5	49.6942	0.73270	mg/L	49.6942	0.73270	mg/L	1.47%
Mn 257.610	249366.0	0.510049	0.0071709	mg/L	0.510049	0.0071709	mg/L	1.41%
Se 196.026	3056.8	0.473826	0.0004115	mg/L	0.473826	0.0004115	mg/L	0.09%
V 292.402	75056.7	0.499144	0.0069247	mg/L	0.499144	0.0069247	mg/L	1.39%
Zn 206.200	23092.6	0.514127	0.0021270	mg/L	0.514127	0.0021270	mg/L	0.41%
Na 330.237	31719.3	49.0253	0.34759	mg/L	49.0253	0.34759	mg/L	0.71%
Ti 334.941	235496.7	0.493495	0.0068809	mg/L	0.493495	0.0068809	mg/L	1.39%
Mo 202.030	7456.0	0.493371	0.0019562	mg/L	0.493371	0.0019562	mg/L	0.40%
Sn 189.933	4452.7	0.523931	0.0009645	mg/L	0.523931	0.0009645	mg/L	0.18%
Be 234.861	262068.8	0.490463	0.0071286	mg/L	0.490463	0.0071286	mg/L	1.45%
As 188.979	1235.6	0.498805	0.0023541	mg/L	0.498805	0.0023541	mg/L	0.47%
Sb 206.833	1727.3	0.494682	0.0004050	mg/L	0.494682	0.0004050	mg/L	0.08%
Cr 206.158	11300.8	0.508386	0.0017364	mg/L	0.508386	0.0017364	mg/L	0.34%
Pb 220.353	2141.6	0.505897	0.0001136	mg/L	0.505897	0.0001136	mg/L	0.02%
Ni 231.604	9210.4	0.508024	0.0015073	mg/L	0.508024	0.0015073	mg/L	0.30%
Tl 190.800	687.6	0.485618	0.0048960	mg/L	0.485618	0.0048960	mg/L	1.01%

Mean Data

ID: 18796-021 Seq. No.: 4 Sample No.: 4 A/S Pos: 74
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:43:11 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-879.1	-0.0064440	0.00000818	mg/L	-0.0064440	0.00000818	mg/L	0.13%
Al 308.215	109187.8	7.37062	0.081656	mg/L	7.37062	0.081656	mg/L	1.11%
Ba 233.527	1273.3	0.0322975	0.00003125	mg/L	0.0322975	0.00003125	mg/L	0.10%

Ca 315.887	6980.1	0.192212	0.0133881	mg/L	0.192212	0.0133881	mg/L	6.97%
Cd 226.502	2.9	0.0000302	0.00003042	mg/L	0.0000302	0.00003042	mg/L	100.86%
Co 228.616	204.2	0.0073373	0.00007096	mg/L	0.0073373	0.00007096	mg/L	0.97%
Cu 324.754	11875.5	0.0369192	0.00052787	mg/L	0.0369192	0.00052787	mg/L	1.43%
Fe 273.955	379056.4	28.0630	0.32939	mg/L	28.0630	0.32939	mg/L	1.17%
Mg 279.079	25593.1	2.09150	0.025573	mg/L	2.09150	0.025573	mg/L	1.22%
Mn 257.610	208366.2	0.426189	0.0051257	mg/L	0.426189	0.0051257	mg/L	1.20%
Se 196.026	29.1	0.0039944	0.00025364	mg/L	0.0039944	0.00025364	mg/L	6.35%
V 292.402	2791.8	0.0188167	0.00010778	mg/L	0.0188167	0.00010778	mg/L	0.57%
Zn 206.200	2220.4	0.0394202	0.00040753	mg/L	0.0394202	0.00040753	mg/L	1.03%
Na 330.237	1118.7	1.68199	0.031121	mg/L	1.68199	0.031121	mg/L	1.85%
Ti 334.941	275365.6	0.577042	0.0066842	mg/L	0.577042	0.0066842	mg/L	1.16%
Mo 202.030	-94.3	-0.0062378	0.00024105	mg/L	-0.0062378	0.00024105	mg/L	3.86%
Sn 189.933	250.4	0.0313225	0.00101520	mg/L	0.0313225	0.00101520	mg/L	3.24%
Be 234.861	-701.7	-0.0013133	0.00003259	mg/L	-0.0013133	0.00003259	mg/L	2.48%
As 188.979	-27.4	-0.0001893	0.00134315	mg/L	-0.0001893	0.00134315	mg/L	709.71%
Sb 206.833	66.5	-0.0003265	0.00031106	mg/L	-0.0003265	0.00031106	mg/L	95.26%
Cr 206.158	1209.3	0.0433653	0.00006806	mg/L	0.0433653	0.00006806	mg/L	0.16%
Pb 220.353	49.8	0.0106257	0.00121098	mg/L	0.0106257	0.00121098	mg/L	11.40%
Ni 231.604	710.9	0.0333653	0.00352227	mg/L	0.0333653	0.00352227	mg/L	10.56%
Tl 190.800	-82.7	-0.0100652	0.00315400	mg/L	-0.0100652	0.00315400	mg/L	31.34%

Mean Data

ID: 18796-021 MR Seq. No.: 5 Sample No.: 5 A/S Pos: 75
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0 : 1.0
Data: Original Date: 8/4/05 10:45:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-703.5	-0.0051563	0.00015840	mg/L	-0.0051563	0.00015840	mg/L	3.07%
Al 308.215	98943.2	6.64929	0.072476	mg/L	6.64929	0.072476	mg/L	1.09%
Ba 233.527	1158.1	0.0293756	0.00008607	mg/L	0.0293756	0.00008607	mg/L	0.29%
Ca 315.887	5333.2	0.146860	0.0156243	mg/L	0.146860	0.0156243	mg/L	10.64%
Cd 226.502	-26.3	-0.0002698	0.00006648	mg/L	-0.0002698	0.00006648	mg/L	24.64%
Co 228.616	139.4	0.0050086	0.00006998	mg/L	0.0050086	0.00006998	mg/L	1.40%
Cu 324.754	10993.4	0.0294410	0.00007177	mg/L	0.0294410	0.00007177	mg/L	0.24%
Fe 273.955	298614.5	22.0945	0.25140	mg/L	22.0945	0.25140	mg/L	1.14%
Mg 279.079	17238.2	1.40873	0.020791	mg/L	1.40873	0.020791	mg/L	1.48%
Mn 257.610	207007.0	0.423408	0.0056421	mg/L	0.423408	0.0056421	mg/L	1.33%
Se 196.026	34.7	0.0027885	0.00117551	mg/L	0.0027885	0.00117551	mg/L	42.16%
V 292.402	2153.8	0.0145164	0.00030333	mg/L	0.0145164	0.00030333	mg/L	2.09%
Zn 206.200	5642.3	0.117244	0.0008813	mg/L	0.117244	0.0008813	mg/L	0.75%
Na 330.237	1317.8	1.98125	0.004211	mg/L	1.98125	0.004211	mg/L	0.21%
Ti 334.941	175948.7	0.368709	0.0057817	mg/L	0.368709	0.0057817	mg/L	1.57%
Mo 202.030	-84.1	-0.0055678	0.00008648	mg/L	-0.0055678	0.00008648	mg/L	1.55%
Sn 189.933	208.2	0.0263737	0.00088010	mg/L	0.0263737	0.00088010	mg/L	3.34%
Be 234.861	-599.7	-0.0011224	0.00000129	mg/L	-0.0011224	0.00000129	mg/L	0.12%
As 188.979	-30.8	-0.0015392	0.00023175	mg/L	-0.0015392	0.00023175	mg/L	15.06%
Sb 206.833	72.9	0.0015715	0.00058631	mg/L	0.0015715	0.00058631	mg/L	37.31%
Cr 206.158	867.9	0.0276303	0.00001829	mg/L	0.0276303	0.00001829	mg/L	0.07%
Pb 220.353	130.3	0.0296988	0.00169004	mg/L	0.0296988	0.00169004	mg/L	5.69%
Ni 231.604	517.8	0.0251527	0.00034976	mg/L	0.0251527	0.00034976	mg/L	1.39%
Tl 190.800	-78.3	-0.0122796	0.00237711	mg/L	-0.0122796	0.00237711	mg/L	19.36%

Mean Data

ID: 18796-021 MS 1 Seq. No.: 6 Sample No.: 6 A/S Pos: 76
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0 : 1.0
Data: Original Date: 8/4/05 10:48:48 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	58662.2	0.435202	0.0016979	mg/L	0.435202	0.0016979	mg/L	0.39%
Al 308.215	211326.2	14.5622	0.07556	mg/L	14.5622	0.07556	mg/L	0.52%
Ba 233.527	20203.1	0.512472	0.0023207	mg/L	0.512472	0.0023207	mg/L	0.45%
Ca 315.887	1702849.5	46.8915	0.31490	mg/L	46.8915	0.31490	mg/L	0.67%
Cd 226.502	45956.4	0.470686	0.0027695	mg/L	0.470686	0.0027695	mg/L	0.59%
Co 228.616	13057.0	0.469227	0.0014373	mg/L	0.469227	0.0014373	mg/L	0.31%
Cu 324.754	66690.1	0.501626	0.0016261	mg/L	0.501626	0.0016261	mg/L	0.32%
Fe 273.955	479315.2	35.5020	0.23513	mg/L	35.5020	0.23513	mg/L	0.66%
Mg 279.079	588260.7	48.0734	0.31112	mg/L	48.0734	0.31112	mg/L	0.65%
Mn 257.610	443147.7	0.906406	0.0056573	mg/L	0.906406	0.0056573	mg/L	0.62%
Se 196.026	2776.1	0.441775	0.0031746	mg/L	0.441775	0.0031746	mg/L	0.72%

V 292.402	71375.5	0.477054	0.0066024	mg/L	0.477054	0.0066024 mg/L	1.38%
Zn 206.200	22835.9	0.508286	0.0007882	mg/L	0.508286	0.0007882 mg/L	0.16%
Na 330.237	29343.2	46.0001	0.05524	mg/L	46.0001	0.05524 mg/L	0.12%
Ti 334.941	497661.1	1.04287	0.004468	mg/L	1.04287	0.004468 mg/L	0.43%
Mo 202.030	6708.8	0.443931	0.0020163	mg/L	0.443931	0.0020163 mg/L	0.45%
Sn 189.933	4100.1	0.482588	0.0017108	mg/L	0.482588	0.0017108 mg/L	0.35%
Be 234.861	241542.3	0.452048	0.0027988	mg/L	0.452048	0.0027988 mg/L	0.62%
As 188.979	1137.3	0.459985	0.0037205	mg/L	0.459985	0.0037205 mg/L	0.81%
Sb 206.833	1557.3	0.444005	0.0027052	mg/L	0.444005	0.0027052 mg/L	0.61%
Cr 206.158	10852.6	0.487734	0.0016420	mg/L	0.487734	0.0016420 mg/L	0.34%
Pb 220.353	2011.9	0.475172	0.0010731	mg/L	0.475172	0.0010731 mg/L	0.23%
Ni 231.604	9022.6	0.491294	0.0012421	mg/L	0.491294	0.0012421 mg/L	0.25%
Tl 190.800	615.2	0.447639	0.0018224	mg/L	0.447639	0.0018224 mg/L	0.41%

Mean Data

ID: 18796-021 MS 2 Seq. No.: 7 Sample No.: 7 A/S Pos: 77
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:52:28 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	58759.7	0.430701	0.0016339	mg/L	0.430701	0.0016339	mg/L	0.38%
Al 308.215	202035.7	13.9081	0.06492	mg/L	13.9081	0.06492	mg/L	0.47%
Ba 233.527	20365.2	0.516584	0.0006334	mg/L	0.516584	0.0006334	mg/L	0.12%
Ca 315.887	1709944.0	47.0868	0.36503	mg/L	47.0868	0.36503	mg/L	0.78%
Cd 226.502	46109.1	0.472250	0.0032678	mg/L	0.472250	0.0032678	mg/L	0.69%
Co 228.616	13191.1	0.474044	0.0011288	mg/L	0.474044	0.0011288	mg/L	0.24%
Cu 324.754	66978.3	0.504070	0.0006257	mg/L	0.504070	0.0006257	mg/L	0.12%
Fe 273.955	478904.8	35.4715	0.25069	mg/L	35.4715	0.25069	mg/L	0.71%
Mg 279.079	595122.0	48.6341	0.37546	mg/L	48.6341	0.37546	mg/L	0.77%
Mn 257.610	473179.0	0.967832	0.0062072	mg/L	0.967832	0.0062072	mg/L	0.64%
Se 196.026	2799.3	0.445440	0.0000024	mg/L	0.445440	0.0000024	mg/L	0.00%
V 292.402	71697.8	0.476649	0.0027787	mg/L	0.476649	0.0027787	mg/L	0.58%
Zn 206.200	23473.6	0.522792	0.0036784	mg/L	0.522792	0.0036784	mg/L	0.70%
Na 330.237	29535.9	46.2691	0.24715	mg/L	46.2691	0.24715	mg/L	0.53%
Ti 334.941	445864.0	0.934330	0.0037151	mg/L	0.934330	0.0037151	mg/L	0.40%
Mo 202.030	6799.6	0.449934	0.0008722	mg/L	0.449934	0.0008722	mg/L	0.19%
Sn 189.933	4157.2	0.489289	0.0018151	mg/L	0.489289	0.0018151	mg/L	0.37%
Be 234.861	242275.1	0.453419	0.0028817	mg/L	0.453419	0.0028817	mg/L	0.64%
As 188.979	1149.2	0.464691	0.0025349	mg/L	0.464691	0.0025349	mg/L	0.55%
Sb 206.833	1573.8	0.448911	0.0009692	mg/L	0.448911	0.0009692	mg/L	0.22%
Cr 206.158	11237.3	0.505459	0.0025561	mg/L	0.505459	0.0025561	mg/L	0.51%
Pb 220.353	2021.1	0.477362	0.0006295	mg/L	0.477362	0.0006295	mg/L	0.13%
Ni 231.604	9106.5	0.495962	0.0025660	mg/L	0.495962	0.0025660	mg/L	0.52%
Tl 190.800	623.4	0.452021	0.0049970	mg/L	0.452021	0.0049970	mg/L	1.11%

Mean Data

ID: 18796-021 PS Seq. No.: 8 Sample No.: 8 A/S Pos: 78
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 10:56:09 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	65299.9	0.484135	0.0013089	mg/L	0.484135	0.0013089	mg/L	0.27%
Al 308.215	186572.7	12.8193	0.01088	mg/L	12.8193	0.01088	mg/L	0.08%
Ba 233.527	22992.5	0.583227	0.0006438	mg/L	0.583227	0.0006438	mg/L	0.11%
Ca 315.887	1963024.6	54.0559	0.27364	mg/L	54.0559	0.27364	mg/L	0.51%
Cd 226.502	53570.2	0.548667	0.0034986	mg/L	0.548667	0.0034986	mg/L	0.64%
Co 228.616	15108.0	0.542931	0.0012299	mg/L	0.542931	0.0012299	mg/L	0.23%
Cu 324.754	75341.0	0.574966	0.0003391	mg/L	0.574966	0.0003391	mg/L	0.06%
Fe 273.955	444731.0	32.9359	0.14884	mg/L	32.9359	0.14884	mg/L	0.45%
Mg 279.079	684923.2	55.9728	0.31845	mg/L	55.9728	0.31845	mg/L	0.57%
Mn 257.610	463257.2	0.947538	0.0039050	mg/L	0.947538	0.0039050	mg/L	0.41%
Se 196.026	3226.6	0.512253	0.0013656	mg/L	0.512253	0.0013656	mg/L	0.27%
V 292.402	82534.6	0.548694	0.0017406	mg/L	0.548694	0.0017406	mg/L	0.32%
Zn 206.200	26414.6	0.589680	0.0043743	mg/L	0.589680	0.0043743	mg/L	0.74%
Na 330.237	33904.9	53.1002	0.13934	mg/L	53.1002	0.13934	mg/L	0.26%
Ti 334.941	524281.8	1.09866	0.002427	mg/L	1.09866	0.002427	mg/L	0.22%
Mo 202.030	8010.2	0.530046	0.0028896	mg/L	0.530046	0.0028896	mg/L	0.55%
Sn 189.933	4815.5	0.566449	0.0019544	mg/L	0.566449	0.0019544	mg/L	0.35%
Be 234.861	280346.7	0.524671	0.0019602	mg/L	0.524671	0.0019602	mg/L	0.37%
As 188.979	1232.6	0.497624	0.0021814	mg/L	0.497624	0.0021814	mg/L	0.44%

Sb 206.833	1638.8	0.468294	0.0004630	mg/L	0.468294	0.0004630 mg/L	0.10%
Cr 206.158	13100.8	0.591330	0.0039656	mg/L	0.591330	0.0039656 mg/L	0.67%
Pb 220.353	2289.5	0.540905	0.0036821	mg/L	0.540905	0.0036821 mg/L	0.68%
Ni 231.604	10370.0	0.566600	0.0041045	mg/L	0.566600	0.0041045 mg/L	0.72%
Tl 190.800	742.9	0.531162	0.0033084	mg/L	0.531162	0.0033084 mg/L	0.62%

Mean Data ----------

ID: CCV V-4510 Seq. No.: 9 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: 8/4/05 10:59:48 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	65757.3	0.481992	0.0009362	mg/L				0.19%
Al 308.215	77185.9	5.11735	0.010516	mg/L				0.21%
Ba 233.527	20748.7	0.526312	0.0024829	mg/L				0.47%
Ca 315.887	1830205.7	50.3985	0.13662	mg/L				0.27%
Cd 226.502	49550.1	0.507493	0.0008912	mg/L				0.18%
Co 228.616	14011.1	0.503512	0.0007156	mg/L				0.14%
Cu 324.754	66857.4	0.503044	0.0002481	mg/L				0.05%
Fe 273.955	69428.3	5.08947	0.009374	mg/L				0.18%
Mg 279.079	616750.4	50.4016	0.15183	mg/L				0.30%
Mn 257.610	250536.2	0.512442	0.0002686	mg/L				0.05%
Se 196.026	3244.5	0.503550	0.0017242	mg/L				0.34%
V 292.402	75727.5	0.503569	0.0011471	mg/L				0.23%
Zn 206.200	23175.1	0.516003	0.0000930	mg/L				0.02%
Na 330.237	32296.7	49.8983	0.00706	mg/L				0.01%
Ti 334.941	239434.4	0.501746	0.0009945	mg/L				0.20%
Mo 202.030	7524.5	0.497903	0.0017398	mg/L				0.35%
Sn 189.933	4331.0	0.509662	0.0001339	mg/L				0.03%
Be 234.861	268245.3	0.502023	0.0009838	mg/L				0.20%
As 188.979	1277.2	0.515275	0.0020845	mg/L				0.40%
Sb 206.833	1763.1	0.505325	0.0014703	mg/L				0.29%
Cr 206.158	11512.4	0.518137	0.0023349	mg/L				0.45%
Pb 220.353	2160.4	0.510341	0.0003086	mg/L				0.06%
Ni 231.604	9235.4	0.509416	0.0028693	mg/L				0.56%
Tl 190.800	701.3	0.494465	0.0032108	mg/L				0.65%

Mean Data ----------

ID: CCB Seq. No.: 10 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: 8/4/05 11:02:36 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-384.5	-0.0028184	0.00010497	mg/L				3.72%
Al 308.215	4670.2	0.0114886	0.00352081	mg/L				30.65%
Ba 233.527	-2.9	-0.0000724	0.00007812	mg/L				107.88%
Ca 315.887	-16101.4	-0.443385	0.0045859	mg/L				1.03%
Cd 226.502	-169.6	-0.0017367	0.00002881	mg/L				1.66%
Co 228.616	-87.5	-0.0031437	0.00011662	mg/L				3.71%
Cu 324.754	7407.0	-0.0009636	0.00038281	mg/L				39.73%
Fe 273.955	427.9	-0.0301783	0.00151750	mg/L				5.03%
Mg 279.079	504.1	0.0411984	0.00621193	mg/L				15.08%
Mn 257.610	491.5	0.0010052	0.00001597	mg/L				1.59%
Se 196.026	47.3	-0.0029463	0.00133918	mg/L				45.45%
V 292.402	-247.1	-0.0016654	0.00025662	mg/L				15.41%
Zn 206.200	176.1	-0.0070759	0.00001036	mg/L				0.15%
Na 330.237	915.5	1.37638	0.111436	mg/L				8.10%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-176.1	-0.0003691	0.00004251	mg/L				11.52%
Mo 202.030	-100.5	-0.0066478	0.00040383	mg/L				6.07%
Sn 189.933	-29.4	-0.0014724	0.00038709	mg/L				26.29%
Be 234.861	-348.1	-0.0006514	0.00000388	mg/L				0.60%
As 188.979	-36.3	-0.0037069	0.00031060	mg/L				8.38%
Sb 206.833	60.8	-0.0020378	0.00216200	mg/L				106.09%
Cr 206.158	159.5	-0.0050121	0.00016487	mg/L				3.29%
Pb 220.353	0.5	-0.0010271	0.00080922	mg/L				78.79%
Ni 231.604	1.0	-0.0035547	0.00017911	mg/L				5.04%
Tl 190.800	-63.9	-0.0029307	0.00114431	mg/L				39.05%

Mean Data ----------

ID: 18796-022 Seq. No.: 11 Sample No.: 9 A/S Pos: 79
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:05:21 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-348.0	-0.0025505	0.00002055	mg/L	-0.0025505	0.00002055	mg/L	0.81%
Al 308.215	100830.4	6.78217	0.101203	mg/L	6.78217	0.101203	mg/L	1.49%
Ba 233.527	2565.4	0.0650750	0.00073229	mg/L	0.0650750	0.00073229	mg/L	1.13%
Ca 315.887	8797.7	0.242262	0.0154860	mg/L	0.242262	0.0154860	mg/L	6.39%
Cd 226.502	558.4	0.0057187	0.00002834	mg/L	0.0057187	0.00002834	mg/L	0.50%
Co 228.616	49.0	0.0017600	0.00003929	mg/L	0.0017600	0.00003929	mg/L	2.23%
Cu 324.754	14644.0	0.0603899	0.00060042	mg/L	0.0603899	0.00060042	mg/L	0.99%
Fe 273.955	234956.6	17.3712	0.23293	mg/L	17.3712	0.23293	mg/L	1.34%
Mg 279.079	35003.1	2.86050	0.033981	mg/L	2.86050	0.033981	mg/L	1.19%
Mn 257.610	67239.2	0.137530	0.0018643	mg/L	0.137530	0.0018643	mg/L	1.36%
Se 196.026	49.2	0.0034326	0.00029801	mg/L	0.0034326	0.00029801	mg/L	8.68%
V 292.402	2518.5	0.0169747	0.00034303	mg/L	0.0169747	0.00034303	mg/L	2.02%
Zn 206.200	6239.7	0.130832	0.0010596	mg/L	0.130832	0.0010596	mg/L	0.81%
Na 330.237	1259.1	1.89301	0.010914	mg/L	1.89301	0.010914	mg/L	0.58%
Ti 334.941	291166.4	0.610153	0.0081984	mg/L	0.610153	0.0081984	mg/L	1.34%
Mo 202.030	-87.6	-0.0057977	0.00034449	mg/L	-0.0057977	0.00034449	mg/L	5.94%
Sn 189.933	336.5	0.0414131	0.00077798	mg/L	0.0414131	0.00077798	mg/L	1.88%
Be 234.861	-628.7	-0.0011766	0.00002560	mg/L	-0.0011766	0.00002560	mg/L	2.18%
As 188.979	-37.2	-0.0040754	0.00026734	mg/L	-0.0040754	0.00026734	mg/L	6.56%
Sb 206.833	71.6	0.0011706	0.00250249	mg/L	0.0011706	0.00250249	mg/L	213.78%
Cr 206.158	954.6	0.0316260	0.00036057	mg/L	0.0316260	0.00036057	mg/L	1.14%
Pb 220.353	99.5	0.0224053	0.00125637	mg/L	0.0224053	0.00125637	mg/L	5.61%
Ni 231.604	527.1	0.0256652	0.00063889	mg/L	0.0256652	0.00063889	mg/L	2.49%
Tl 190.800	-76.9	-0.0060343	0.00219817	mg/L	-0.0060343	0.00219817	mg/L	36.43%

Mean Data

ID: 18796-022 SD Seq. No.: 12 Sample No.: 10 A/S Pos: 80
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:08:07 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-427.6	-0.0031344	0.00015747	mg/L	-0.0031344	0.00015747	mg/L	5.02%
Al 308.215	23747.7	1.35474	0.005464	mg/L	1.35474	0.005464	mg/L	0.40%
Ba 233.527	499.5	0.0126698	0.00001131	mg/L	0.0126698	0.00001131	mg/L	0.09%
Ca 315.887	-12006.9	-0.330634	0.0011724	mg/L	-0.330634	0.0011724	mg/L	0.35%
Cd 226.502	-40.5	-0.0004152	0.00007200	mg/L	-0.0004152	0.00007200	mg/L	17.34%
Co 228.616	-58.3	-0.0020964	0.00002923	mg/L	-0.0020964	0.00002923	mg/L	1.39%
Cu 324.754	8709.7	0.0100803	0.00007544	mg/L	0.0100803	0.00007544	mg/L	0.75%
Fe 273.955	47830.8	3.48699	0.029173	mg/L	3.48699	0.029173	mg/L	0.84%
Mg 279.079	7258.6	0.593184	0.0055179	mg/L	0.593184	0.0055179	mg/L	0.93%
Mn 257.610	13929.1	0.0284904	0.00011197	mg/L	0.0284904	0.00011197	mg/L	0.39%
Se 196.026	45.1	-0.0032912	0.00024480	mg/L	-0.0032912	0.00024480	mg/L	7.44%
V 292.402	304.0	0.0020487	0.00007287	mg/L	0.0020487	0.00007287	mg/L	3.56%
Zn 206.200	1492.6	0.0228677	0.00013877	mg/L	0.0228677	0.00013877	mg/L	0.61%
Na 330.237	982.2	1.47673	0.090056	mg/L	1.47673	0.090056	mg/L	6.10%
Ti 334.941	58184.7	0.121929	0.0007003	mg/L	0.121929	0.0007003	mg/L	0.57%
Mo 202.030	-103.9	-0.0068750	0.00005952	mg/L	-0.0068750	0.00005952	mg/L	0.87%
Sn 189.933	31.8	0.0056974	0.00047311	mg/L	0.0056974	0.00047311	mg/L	8.30%
Be 234.861	-470.3	-0.0008802	0.00002371	mg/L	-0.0008802	0.00002371	mg/L	2.69%
As 188.979	-37.3	-0.0041169	0.00083167	mg/L	-0.0041169	0.00083167	mg/L	20.20%
Sb 206.833	69.3	0.0005082	0.00061089	mg/L	0.0005082	0.00061089	mg/L	120.20%
Cr 206.158	315.8	0.0021914	0.00001888	mg/L	0.0021914	0.00001888	mg/L	0.86%
Pb 220.353	19.3	0.0034053	0.00147955	mg/L	0.0034053	0.00147955	mg/L	43.45%
Ni 231.604	108.4	0.0024065	0.00030672	mg/L	0.0024065	0.00030672	mg/L	12.75%
Tl 190.800	-68.9	-0.0062007	0.00181384	mg/L	-0.0062007	0.00181384	mg/L	29.25%

Mean Data

ID: 18786-001 Seq. No.: 13 Sample No.: 11 A/S Pos: 81
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:11:01 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-2322.8	-0.0055552	0.00065397	mg/L	-0.0055552	0.00065397	mg/L	11.77%
Al 308.215	869494.1	60.9042	0.62271	mg/L	60.9042	0.62271	mg/L	1.02%

Ba 233.527	12689.3	0.321877	0.0017544	mg/L	0.321877	0.0017544	mg/L	0.55%
Ca 315.887	402178.7	11.0748	0.14294	mg/L	11.0748	0.14294	mg/L	1.29%
Cd 226.502	952.6	0.0001770	0.00007953	mg/L	0.0001770	0.00007953	mg/L	44.94%
Co 228.616	2000.5	0.0718916	0.00041163	mg/L	0.0718916	0.00041163	mg/L	0.57%
Cu 324.754	45089.5	0.323991	0.0026473	mg/L	0.323991	0.0026473	mg/L	0.82%
Fe 273.955	1844987.1	136.831	1.4248	mg/L	136.831	1.4248	mg/L	1.04%
Mg 279.079	333718.0	27.2719	0.37152	mg/L	27.2719	0.37152	mg/L	1.36%
Mn 257.610	1356225.0	2.77400	0.029537	mg/L	2.77400	0.029537	mg/L	1.06%
Se 196.026	-94.0	0.0225634	0.00137948	mg/L	0.0225634	0.00137948	mg/L	6.11%
V 292.402	24681.2	0.185538	0.0021936	mg/L	0.185538	0.0021936	mg/L	1.18%
Zn 206.200	19542.5	0.433385	0.0025614	mg/L	0.433385	0.0025614	mg/L	0.59%
Na 330.237	1275.1	3.23982	0.028244	mg/L	3.23982	0.028244	mg/L	0.87%
Ti 334.941	1094467.0	2.29351	0.025153	mg/L	2.29351	0.025153	mg/L	1.10%
Mo 202.030	-90.2	-0.0004916	0.00033262	mg/L	-0.0004916	0.00033262	mg/L	67.66%
Sn 189.933	360.4	0.0507625	0.00004161	mg/L	0.0507625	0.00004161	mg/L	0.08%
Be 234.861	-2034.2	0.0030377	0.00020122	mg/L	0.0030377	0.00020122	mg/L	6.62%
As 188.979	26.1	0.0291196	0.00045247	mg/L	0.0291196	0.00045247	mg/L	1.55%
Sb 206.833	96.0	0.0084589	0.00216448	mg/L	0.0084589	0.00216448	mg/L	25.59%
Cr 206.158	2754.6	0.114574	0.0006432	mg/L	0.114574	0.0006432	mg/L	0.56%
Pb 220.353	992.9	0.233917	0.0007003	mg/L	0.233917	0.0007003	mg/L	0.30%
Ni 231.604	3053.7	0.141738	0.0006020	mg/L	0.141738	0.0006020	mg/L	0.42%
Tl 190.800	-101.0	-0.0069475	0.00288808	mg/L	-0.0069475	0.00288808	mg/L	41.57%

Mean Data

ID: 18786-002 Seq. No.: 14 Sample No.: 12 A/S Pos: 82
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:13:58 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2839.4	-0.0058150	0.00022239	mg/L	-0.0058150	0.00022239	mg/L	3.82%
Al 308.215	772689.5	54.0881	0.15596	mg/L	54.0881	0.15596	mg/L	0.29%
Ba 233.527	11125.4	0.282208	0.0021765	mg/L	0.282208	0.0021765	mg/L	0.77%
Ca 315.887	524798.9	14.4514	0.08289	mg/L	14.4514	0.08289	mg/L	0.57%
Cd 226.502	1188.1	0.0007041	0.00002333	mg/L	0.0007041	0.00002333	mg/L	3.31%
Co 228.616	1666.0	0.0598691	0.00002306	mg/L	0.0598691	0.00002306	mg/L	0.04%
Cu 324.754	53407.5	0.395589	0.0004460	mg/L	0.395589	0.0004460	mg/L	0.11%
Fe 273.955	2207740.3	163.746	0.6655	mg/L	163.746	0.6655	mg/L	0.41%
Mg 279.079	307985.1	25.1689	0.12866	mg/L	25.1689	0.12866	mg/L	0.51%
Mn 257.610	930334.9	1.90289	0.007942	mg/L	1.90289	0.007942	mg/L	0.42%
Se 196.026	-114.6	0.0287267	0.00402015	mg/L	0.0287267	0.00402015	mg/L	13.99%
V 292.402	29296.6	0.220420	0.0018049	mg/L	0.220420	0.0018049	mg/L	0.82%
Zn 206.200	20506.5	0.455310	0.0002910	mg/L	0.455310	0.0002910	mg/L	0.06%
Na 330.237	1557.4	3.89686	0.046744	mg/L	3.89686	0.046744	mg/L	1.20%
Ti 334.941	1430979.3	2.99869	0.014362	mg/L	2.99869	0.014362	mg/L	0.48%
Mo 202.030	31.6	0.0086428	0.00010481	mg/L	0.0086428	0.00010481	mg/L	1.21%
Sn 189.933	580.9	0.0786229	0.00036625	mg/L	0.0786229	0.00036625	mg/L	0.47%
Be 234.861	-2757.3	0.0030308	0.00011968	mg/L	0.0030308	0.00011968	mg/L	3.95%
As 188.979	90.4	0.0621549	0.00084060	mg/L	0.0621549	0.00084060	mg/L	1.35%
Sb 206.833	193.2	0.0374280	0.00015164	mg/L	0.0374280	0.00015164	mg/L	0.41%
Cr 206.158	3277.8	0.138679	0.0015334	mg/L	0.138679	0.0015334	mg/L	1.11%
Pb 220.353	3431.0	0.811162	0.0065578	mg/L	0.811162	0.0065578	mg/L	0.81%
Ni 231.604	2859.3	0.126167	0.0001346	mg/L	0.126167	0.0001346	mg/L	0.11%
Tl 190.800	-112.8	-0.0084230	0.00003715	mg/L	-0.0084230	0.00003715	mg/L	0.44%

Mean Data

ID: 18786-003 Seq. No.: 15 Sample No.: 13 A/S Pos: 83
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:16:56 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2170.0	-0.0055501	0.00104701	mg/L	-0.0055501	0.00104701	mg/L	18.86%
Al 308.215	726256.3	50.8187	0.55948	mg/L	50.8187	0.55948	mg/L	1.10%
Ba 233.527	11606.8	0.294417	0.0006918	mg/L	0.294417	0.0006918	mg/L	0.23%
Ca 315.887	292596.7	8.05725	0.080755	mg/L	8.05725	0.080755	mg/L	1.00%
Cd 226.502	908.6	0.0002703	0.00015111	mg/L	0.0002703	0.00015111	mg/L	55.90%
Co 228.616	1656.1	0.0595136	0.00003386	mg/L	0.0595136	0.00003386	mg/L	0.06%
Cu 324.754	47382.3	0.343117	0.0048954	mg/L	0.343117	0.0048954	mg/L	1.43%
Fe 273.955	1740211.8	129.057	1.2852	mg/L	129.057	1.2852	mg/L	1.00%
Mg 279.079	273901.2	22.3836	0.22032	mg/L	22.3836	0.22032	mg/L	0.98%
Mn 257.610	1439657.3	2.94465	0.028286	mg/L	2.94465	0.028286	mg/L	0.96%

Se 196.026	-88.3	0.0207464	0.00172726	mg/L	0.0207464	0.00172726	mg/L	8.33%
V 292.402	18406.6	0.142157	0.0001053	mg/L	0.142157	0.0001053	mg/L	0.07%
Zn 206.200	18852.8	0.417698	0.0000055	mg/L	0.417698	0.0000055	mg/L	0.00%
Na 330.237	1275.3	3.13821	0.033494	mg/L	3.13821	0.033494	mg/L	1.07%
Ti 334.941	988102.7	2.07062	0.022323	mg/L	2.07062	0.022323	mg/L	1.08%
Mo 202.030	-77.3	0.0000512	0.00003528	mg/L	0.0000512	0.00003528	mg/L	68.87%
Sn 189.933	415.6	0.0565949	0.00176341	mg/L	0.0565949	0.00176341	mg/L	3.12%
Be 234.861	-1847.8	0.0029978	0.00000954	mg/L	0.0029978	0.00000954	mg/L	0.32%
As 188.979	2.5	0.0193359	0.00285662	mg/L	0.0193359	0.00285662	mg/L	14.77%
Sb 206.833	106.3	0.0115310	0.00062263	mg/L	0.0115310	0.00062263	mg/L	5.40%
Cr 206.158	2599.6	0.107431	0.0000608	mg/L	0.107431	0.0000608	mg/L	0.06%
Pb 220.353	1113.3	0.262425	0.0025732	mg/L	0.262425	0.0025732	mg/L	0.98%
Ni 231.604	2833.1	0.130864	0.0003183	mg/L	0.130864	0.0003183	mg/L	0.24%
Tl 190.800	-96.3	-0.0058222	0.00255176	mg/L	-0.0058222	0.00255176	mg/L	43.83%

Mean Data

ID: 18786-004 Seq. No.: 16 Sample No.: 14 A/S Pos: 84
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:19:54 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2029.3	-0.0039675	0.00066307	mg/L	-0.0039675	0.00066307	mg/L	16.71%
Al 308.215	300500.6	20.8410	0.15518	mg/L	20.8410	0.15518	mg/L	0.74%
Ba 233.527	45464.4	1.15325	0.007034	mg/L	1.15325	0.007034	mg/L	0.61%
Ca 315.887	530728.1	14.6147	0.13184	mg/L	14.6147	0.13184	mg/L	0.90%
Cd 226.502	1143.9	0.0013567	0.00000015	mg/L	0.0013567	0.00000015	mg/L	0.01%
Co 228.616	833.2	0.0299434	0.00004950	mg/L	0.0299434	0.00004950	mg/L	0.17%
Cu 324.754	65787.5	0.499911	0.0007180	mg/L	0.499911	0.0007180	mg/L	0.14%
Fe 273.955	1995066.3	147.967	0.7831	mg/L	147.967	0.7831	mg/L	0.53%
Mg 279.079	76375.6	6.24151	0.052218	mg/L	6.24151	0.052218	mg/L	0.84%
Mn 257.610	449814.9	0.920043	0.0053508	mg/L	0.920043	0.0053508	mg/L	0.58%
Se 196.026	-51.3	0.0332361	0.00153944	mg/L	0.0332361	0.00153944	mg/L	4.63%
V 292.402	17801.5	0.140731	0.0003330	mg/L	0.140731	0.0003330	mg/L	0.24%
Zn 206.200	70537.4	1.59318	0.011302	mg/L	1.59318	0.011302	mg/L	0.71%
Na 330.237	3287.0	9.13270	0.070564	mg/L	9.13270	0.070564	mg/L	0.77%
Ti 334.941	1040721.0	2.18088	0.016158	mg/L	2.18088	0.016158	mg/L	0.74%
Mo 202.030	100.4	0.0125641	0.00037794	mg/L	0.0125641	0.00037794	mg/L	3.01%
Sn 189.933	1159.9	0.144166	0.0013783	mg/L	0.144166	0.0013783	mg/L	0.96%
Be 234.861	-2391.8	0.0029255	0.00014495	mg/L	0.0029255	0.00014495	mg/L	4.95%
As 188.979	164.4	0.0844602	0.00066599	mg/L	0.0844602	0.00066599	mg/L	0.79%
Sb 206.833	261.7	0.0578324	0.00215481	mg/L	0.0578324	0.00215481	mg/L	3.73%
Cr 206.158	2346.4	0.106205	0.0000741	mg/L	0.106205	0.0000741	mg/L	0.07%
Pb 220.353	3880.5	0.917580	0.0011013	mg/L	0.917580	0.0011013	mg/L	0.12%
Ni 231.604	2216.9	0.0932824	0.00058783	mg/L	0.0932824	0.00058783	mg/L	0.63%
Tl 190.800	-98.8	-0.0064724	0.00166157	mg/L	-0.0064724	0.00166157	mg/L	25.67%

Mean Data

ID: 18786-005 Seq. No.: 17 Sample No.: 15 A/S Pos: 85
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:22:52 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1967.2	-0.0043734	0.00012919	mg/L	-0.0043734	0.00012919	mg/L	2.95%
Al 308.215	575100.6	40.1758	0.17306	mg/L	40.1758	0.17306	mg/L	0.43%
Ba 233.527	11730.9	0.297567	0.0011810	mg/L	0.297567	0.0011810	mg/L	0.40%
Ca 315.887	319261.0	8.79151	0.030303	mg/L	8.79151	0.030303	mg/L	0.34%
Cd 226.502	585.3	-0.0007538	0.00005118	mg/L	-0.0007538	0.00005118	mg/L	6.79%
Co 228.616	1152.8	0.0414269	0.00026130	mg/L	0.0414269	0.00026130	mg/L	0.63%
Cu 324.754	32939.0	0.215491	0.0010509	mg/L	0.215491	0.0010509	mg/L	0.49%
Fe 273.955	1299982.9	96.3933	0.41490	mg/L	96.3933	0.41490	mg/L	0.43%
Mg 279.079	212768.9	17.3877	0.06309	mg/L	17.3877	0.06309	mg/L	0.36%
Mn 257.610	752669.2	1.53950	0.004782	mg/L	1.53950	0.004782	mg/L	0.31%
Se 196.026	-58.0	0.0141106	0.00196083	mg/L	0.0141106	0.00196083	mg/L	13.90%
V 292.402	15479.4	0.117848	0.0005686	mg/L	0.117848	0.0005686	mg/L	0.48%
Zn 206.200	20516.2	0.455529	0.0017210	mg/L	0.455529	0.0017210	mg/L	0.38%
Na 330.237	1318.2	3.51589	0.004762	mg/L	3.51589	0.004762	mg/L	0.14%
Ti 334.941	958537.8	2.00866	0.004908	mg/L	2.00866	0.004908	mg/L	0.24%
Mo 202.030	-86.0	-0.0056897	0.00058866	mg/L	-0.0056897	0.00058866	mg/L	10.35%
Sn 189.933	314.3	0.0445479	0.00168460	mg/L	0.0445479	0.00168460	mg/L	3.78%
Be 234.861	-1190.2	0.0025945	0.00004724	mg/L	0.0025945	0.00004724	mg/L	1.82%

As 188.979	-17.8	0.0093817	0.00002800	mg/L	0.0093817	0.00002800	mg/L	0.30%
Sb 206.833	88.0	0.0060641	0.00011319	mg/L	0.0060641	0.00011319	mg/L	1.87%
Cr 206.158	6913.0	0.306195	0.0012465	mg/L	0.306195	0.0012465	mg/L	0.41%
Pb 220.353	426.2	0.0997627	0.00109025	mg/L	0.0997627	0.00109025	mg/L	1.09%
Ni 231.604	2179.6	0.100359	0.0009392	mg/L	0.100359	0.0009392	mg/L	0.94%
Tl 190.800	-97.4	-0.0071219	0.00292065	mg/L	-0.0071219	0.00292065	mg/L	41.01%

Mean Data ----------

ID: 18786-006 Seq. No.: 18 Sample No.: 16 A/S Pos: 86
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:25:47 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2526.3	-0.0050316	0.00003809	mg/L	-0.0050316	0.00003809	mg/L	0.76%
Al 308.215	745926.9	52.2037	0.70825	mg/L	52.2037	0.70825	mg/L	1.36%
Ba 233.527	15354.6	0.389484	0.0014038	mg/L	0.389484	0.0014038	mg/L	0.36%
Ca 315.887	332467.1	9.15517	0.130973	mg/L	9.15517	0.130973	mg/L	1.43%
Cd 226.502	917.0	0.0006685	0.00008577	mg/L	0.0006685	0.00008577	mg/L	12.83%
Co 228.616	1528.6	0.0549322	0.00024552	mg/L	0.0549322	0.00024552	mg/L	0.45%
Cu 324.754	58901.5	0.438117	0.0080900	mg/L	0.438117	0.0080900	mg/L	1.85%
Fe 273.955	1680024.3	124.591	1.4726	mg/L	124.591	1.4726	mg/L	1.18%
Mg 279.079	275462.7	22.5112	0.31366	mg/L	22.5112	0.31366	mg/L	1.39%
Mn 257.610	927218.2	1.89652	0.021441	mg/L	1.89652	0.021441	mg/L	1.13%
Se 196.026	-69.6	0.0221411	0.00167595	mg/L	0.0221411	0.00167595	mg/L	7.57%
V 292.402	23775.1	0.177714	0.0021843	mg/L	0.177714	0.0021843	mg/L	1.23%
Zn 206.200	63906.6	1.44238	0.014069	mg/L	1.44238	0.014069	mg/L	0.98%
Na 330.237	2771.5	8.42165	0.060946	mg/L	8.42165	0.060946	mg/L	0.72%
Ti 334.941	1286739.7	2.69643	0.033976	mg/L	2.69643	0.033976	mg/L	1.26%
Mo 202.030	-63.2	-0.0016654	0.00381794	mg/L	-0.0016654	0.00381794	mg/L	229.26%
Sn 189.933	466.6	0.0643637	0.00000509	mg/L	0.0643637	0.00000509	mg/L	0.01%
Be 234.861	-1492.3	0.0034396	0.00020848	mg/L	0.0034396	0.00020848	mg/L	6.06%
As 188.979	52.9	0.0443963	0.00214975	mg/L	0.0443963	0.00214975	mg/L	4.84%
Sb 206.833	108.9	0.0123129	0.00002511	mg/L	0.0123129	0.00002511	mg/L	0.20%
Cr 206.158	3678.6	0.166605	0.0016896	mg/L	0.166605	0.0016896	mg/L	1.01%
Pb 220.353	1376.1	0.324651	0.0025648	mg/L	0.324651	0.0025648	mg/L	0.79%
Ni 231.604	2738.1	0.126381	0.0003101	mg/L	0.126381	0.0003101	mg/L	0.25%
Tl 190.800	-110.0	-0.0092310	0.00103342	mg/L	-0.0092310	0.00103342	mg/L	11.20%

Mean Data ----------

ID: CCV V-4510 Seq. No.: 19 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: 8/4/05 11:28:39 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	65384.3	0.479258	0.0008581	mg/L				0.18%
Al 308.215	76859.6	5.09438	0.016916	mg/L				0.33%
Ba 233.527	20615.1	0.522923	0.0003967	mg/L				0.08%
Ca 315.887	1822616.0	50.1895	0.12730	mg/L				0.25%
Cd 226.502	49408.9	0.506047	0.0019509	mg/L				0.39%
Co 228.616	13929.7	0.500589	0.0007483	mg/L				0.15%
Cu 324.754	66178.7	0.497290	0.0033116	mg/L				0.67%
Fe 273.955	69307.5	5.08050	0.025350	mg/L				0.50%
Mg 279.079	614432.1	50.2122	0.16556	mg/L				0.33%
Mn 257.610	249480.0	0.510282	0.0019549	mg/L				0.38%
Se 196.026	3209.4	0.497993	0.0005261	mg/L				0.11%
V 292.402	75322.1	0.500863	0.0020032	mg/L				0.40%
Zn 206.200	23107.3	0.514459	0.0002152	mg/L				0.04%
Na 330.237	32180.7	49.7199	0.10289	mg/L				0.21%
Ti 334.941	238468.0	0.499721	0.0017529	mg/L				0.35%
Mo 202.030	7467.3	0.494122	0.0008757	mg/L				0.18%
Sn 189.933	4282.3	0.503951	0.0011335	mg/L				0.22%
Be 234.861	267014.0	0.499718	0.0019312	mg/L				0.39%
As 188.979	1277.9	0.515558	0.0003959	mg/L				0.08%
Sb 206.833	1755.5	0.503088	0.0010896	mg/L				0.22%
Cr 206.158	11401.5	0.513028	0.0016304	mg/L				0.32%
Pb 220.353	2147.6	0.507309	0.0018835	mg/L				0.37%
Ni 231.604	9191.6	0.506983	0.0006648	mg/L				0.13%
Tl 190.800	697.9	0.492284	0.0036376	mg/L				0.74%

Mean Data ----------

ID: CCB Seq. No.: 20 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: 8/4/05 11:31:27 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-360.4	-0.0026419	0.00018532	mg/L				7.01%
Al 308.215	4673.0	0.0116808	0.00003237	mg/L				0.28%
Ba 233.527	-12.0	-0.0003053	0.00007332	mg/L				24.02%
Ca 315.887	-16717.8	-0.460359	0.0064055	mg/L				1.39%
Cd 226.502	-170.1	-0.0017417	0.00001562	mg/L				0.90%
Co 228.616	-87.2	-0.0031345	0.00022875	mg/L				7.30%
Cu 324.754	7355.0	-0.0014045	0.00004573	mg/L				3.26%
Fe 273.955	549.9	-0.0211220	0.00055862	mg/L				2.64%
Mg 279.079	474.8	0.0388005	0.00167240	mg/L				4.31%
Mn 257.610	535.0	0.0010942	0.00000554	mg/L				0.51%
Se 196.026	44.6	-0.0033740	0.00129124	mg/L				38.27%
V 292.402	-224.2	-0.0015109	0.00013668	mg/L				9.05%
Zn 206.200	199.5	-0.0065430	0.00004566	mg/L				0.70%
Na 330.237	874.5	1.31473	0.070468	mg/L				5.36%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-141.1	-0.0002958	0.00005044	mg/L				17.06%
Mo 202.030	-102.5	-0.0067817	0.00040814	mg/L				6.02%
Sn 189.933	-43.0	-0.0030716	0.00076226	mg/L				24.82%
Be 234.861	-366.6	-0.0006860	0.00000058	mg/L				0.08%
As 188.979	-36.6	-0.0038537	0.00261450	mg/L				67.84%
Sb 206.833	61.1	-0.0019566	0.00095204	mg/L				48.66%
Cr 206.158	166.2	-0.0047013	0.00022952	mg/L				4.88%
Pb 220.353	3.2	-0.0004068	0.00094079	mg/L				231.26%
Ni 231.604	0.5	-0.0035848	0.00026386	mg/L				7.36%
Tl 190.800	-62.8	-0.0022347	0.00029845	mg/L				13.35%

Mean Data

ID: 18786-007 Seq. No.: 21 Sample No.: 17 A/S Pos: 87
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:34:18 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2115.9	-0.0054056	0.00040570	mg/L	-0.0054056	0.00040570	mg/L	7.51%
Al 308.215	825664.2	57.8181	0.50679	mg/L	57.8181	0.50679	mg/L	0.88%
Ba 233.527	13850.8	0.351339	0.0013603	mg/L	0.351339	0.0013603	mg/L	0.39%
Ca 315.887	194795.4	5.36409	0.041484	mg/L	5.36409	0.041484	mg/L	0.77%
Cd 226.502	828.0	-0.0004430	0.00004077	mg/L	-0.0004430	0.00004077	mg/L	9.20%
Co 228.616	1541.9	0.0554104	0.00007823	mg/L	0.0554104	0.00007823	mg/L	0.14%
Cu 324.754	25512.8	0.157648	0.0011043	mg/L	0.157648	0.0011043	mg/L	0.70%
Fe 273.955	1718640.2	127.457	1.0922	mg/L	127.457	1.0922	mg/L	0.86%
Mg 279.079	316490.8	25.8640	0.21689	mg/L	25.8640	0.21689	mg/L	0.84%
Mn 257.610	1839525.0	3.76253	0.027272	mg/L	3.76253	0.027272	mg/L	0.72%
Se 196.026	-95.8	0.0190055	0.00128148	mg/L	0.0190055	0.00128148	mg/L	6.74%
V 292.402	19307.2	0.148003	0.0015209	mg/L	0.148003	0.0015209	mg/L	1.03%
Zn 206.200	27186.7	0.607240	0.0054225	mg/L	0.607240	0.0054225	mg/L	0.89%
Na 330.237	1530.0	3.99867	0.080559	mg/L	3.99867	0.080559	mg/L	2.01%
Ti 334.941	964045.4	2.02020	0.014012	mg/L	2.02020	0.014012	mg/L	0.69%
Mo 202.030	-2.4	0.0049405	0.00000756	mg/L	0.0049405	0.00000756	mg/L	0.15%
Sn 189.933	254.3	0.0375424	0.00058507	mg/L	0.0375424	0.00058507	mg/L	1.56%
Be 234.861	-1634.5	0.0033169	0.00002694	mg/L	0.0033169	0.00002694	mg/L	0.81%
As 188.979	-24.2	0.0086845	0.00048057	mg/L	0.0086845	0.00048057	mg/L	5.53%
Sb 206.833	86.2	0.0055365	0.00021214	mg/L	0.0055365	0.00021214	mg/L	3.83%
Cr 206.158	3075.1	0.129341	0.0016296	mg/L	0.129341	0.0016296	mg/L	1.26%
Pb 220.353	340.1	0.0793697	0.00051002	mg/L	0.0793697	0.00051002	mg/L	0.64%
Ni 231.604	2887.8	0.134187	0.0004645	mg/L	0.134187	0.0004645	mg/L	0.35%
Tl 190.800	-96.3	-0.0063073	0.00123280	mg/L	-0.0063073	0.00123280	mg/L	19.55%

Mean Data

ID: 18786-008 Seq. No.: 22 Sample No.: 18 A/S Pos: 88
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:37:11 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2517.4	-0.0057241	0.00012429	mg/L	-0.0057241	0.00012429	mg/L	2.17%

Al 308.215	814409.4	57.0256	0.66276	mg/L	57.0256	0.66276	mg/L	1.16%
Ba 233.527	18061.3	0.458143	0.0036442	mg/L	0.458143	0.0036442	mg/L	0.80%
Ca 315.887	235974.4	6.49804	0.074573	mg/L	6.49804	0.074573	mg/L	1.15%
Cd 226.502	944.9	0.0000064	0.00005621	mg/L	0.0000064	0.00005621	mg/L	885.16%
Co 228.616	1801.1	0.0647259	0.00051568	mg/L	0.0647259	0.00051568	mg/L	0.80%
Cu 324.754	38971.1	0.272173	0.0031982	mg/L	0.272173	0.0031982	mg/L	1.18%
Fe 273.955	1862547.0	138.134	1.5470	mg/L	138.134	1.5470	mg/L	1.12%
Mg 279.079	308865.9	25.2409	0.25772	mg/L	25.2409	0.25772	mg/L	1.02%
Mn 257.610	1287525.9	2.63348	0.027705	mg/L	2.63348	0.027705	mg/L	1.05%
Se 196.026	-99.3	0.0221867	0.00035547	mg/L	0.0221867	0.00035547	mg/L	1.60%
V 292.402	22621.8	0.171840	0.0027648	mg/L	0.171840	0.0027648	mg/L	1.61%
Zn 206.200	35181.7	0.789074	0.0078263	mg/L	0.789074	0.0078263	mg/L	0.99%
Na 330.237	1656.2	4.86259	0.026513	mg/L	4.86259	0.026513	mg/L	0.55%
Ti 334.941	1214467.2	2.54497	0.025840	mg/L	2.54497	0.025840	mg/L	1.02%
Mo 202.030	-99.1	-0.0010320	0.00042408	mg/L	-0.0010320	0.00042408	mg/L	41.10%
Sn 189.933	299.8	0.0443770	0.00032344	mg/L	0.0443770	0.00032344	mg/L	0.73%
Be 234.861	-1624.0	0.0038707	0.00004010	mg/L	0.0038707	0.00004010	mg/L	1.04%
As 188.979	-16.5	0.0174692	0.00059267	mg/L	0.0174692	0.00059267	mg/L	3.39%
Sb 206.833	88.8	0.0063202	0.00311531	mg/L	0.0063202	0.00311531	mg/L	49.29%
Cr 206.158	2623.2	0.113691	0.0020419	mg/L	0.113691	0.0020419	mg/L	1.80%
Pb 220.353	484.9	0.113648	0.0011370	mg/L	0.113648	0.0011370	mg/L	1.00%
Ni 231.604	3013.8	0.139293	0.0012290	mg/L	0.139293	0.0012290	mg/L	0.88%
Tl 190.800	-107.2	-0.0087463	0.00199874	mg/L	-0.0087463	0.00199874	mg/L	22.85%

Mean Data ----------

ID: 18786-009 Seq. No.: 23 Sample No.: 19 A/S Pos: 89
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:40:04 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2498.7	-0.0057512	0.00039553	mg/L	-0.0057512	0.00039553	mg/L	6.88%
Al 308.215	950400.9	66.6008	0.23611	mg/L	66.6008	0.23611	mg/L	0.35%
Ba 233.527	10088.8	0.255912	0.0016861	mg/L	0.255912	0.0016861	mg/L	0.66%
Ca 315.887	252589.3	6.95557	0.042778	mg/L	6.95557	0.042778	mg/L	0.62%
Cd 226.502	1082.1	0.0003361	0.00010170	mg/L	0.0003361	0.00010170	mg/L	30.26%
Co 228.616	2172.6	0.0780765	0.00045050	mg/L	0.0780765	0.00045050	mg/L	0.58%
Cu 324.754	52966.0	0.391435	0.0003182	mg/L	0.391435	0.0003182	mg/L	0.08%
Fe 273.955	2069555.9	153.494	0.5990	mg/L	153.494	0.5990	mg/L	0.39%
Mg 279.079	408958.0	33.4206	0.16602	mg/L	33.4206	0.16602	mg/L	0.50%
Mn 257.610	1599273.1	3.27112	0.012789	mg/L	3.27112	0.012789	mg/L	0.39%
Se 196.026	-119.7	0.0243208	0.00057906	mg/L	0.0243208	0.00057906	mg/L	2.38%
V 292.402	28489.2	0.213540	0.0006709	mg/L	0.213540	0.0006709	mg/L	0.31%
Zn 206.200	30208.6	0.675968	0.0040276	mg/L	0.675968	0.0040276	mg/L	0.60%
Na 330.237	1546.9	4.27005	0.009100	mg/L	4.27005	0.009100	mg/L	0.21%
Ti 334.941	1198825.6	2.51220	0.010984	mg/L	2.51220	0.010984	mg/L	0.44%
Mo 202.030	-108.3	-0.0010238	0.00005279	mg/L	-0.0010238	0.00005279	mg/L	5.16%
Sn 189.933	411.6	0.0573968	0.00177043	mg/L	0.0573968	0.00177043	mg/L	3.08%
Be 234.861	-2448.6	0.0030957	0.00013466	mg/L	0.0030957	0.00013466	mg/L	4.35%
As 188.979	6.8	0.0275564	0.00128116	mg/L	0.0275564	0.00128116	mg/L	4.65%
Sb 206.833	103.9	0.0108078	0.00215635	mg/L	0.0108078	0.00215635	mg/L	19.95%
Cr 206.158	3545.0	0.150993	0.0021289	mg/L	0.150993	0.0021289	mg/L	1.41%
Pb 220.353	840.7	0.197892	0.0004328	mg/L	0.197892	0.0004328	mg/L	0.22%
Ni 231.604	3715.4	0.175540	0.0009065	mg/L	0.175540	0.0009065	mg/L	0.52%
Tl 190.800	-103.7	-0.0067874	0.00594200	mg/L	-0.0067874	0.00594200	mg/L	87.55%

Mean Data ----------

ID: 18786-010 Seq. No.: 24 Sample No.: 20 A/S Pos: 90
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:42:58 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2722.7	-0.0064890	0.00001354	mg/L	-0.0064890	0.00001354	mg/L	0.21%
Al 308.215	1168826.0	81.9803	0.49145	mg/L	81.9803	0.49145	mg/L	0.60%
Ba 233.527	21317.3	0.540734	0.0034831	mg/L	0.540734	0.0034831	mg/L	0.64%
Ca 315.887	240992.0	6.63621	0.053658	mg/L	6.63621	0.053658	mg/L	0.81%
Cd 226.502	1167.2	0.0003914	0.00001638	mg/L	0.0003914	0.00001638	mg/L	4.18%
Co 228.616	2001.0	0.0719083	0.00028550	mg/L	0.0719083	0.00028550	mg/L	0.40%
Cu 324.754	21807.2	0.127745	0.0000095	mg/L	0.127745	0.0000095	mg/L	0.01%
Fe 273.955	2226746.8	165.157	0.7703	mg/L	165.157	0.7703	mg/L	0.47%
Mg 279.079	442870.1	36.1919	0.24890	mg/L	36.1919	0.24890	mg/L	0.69%

Mn 257.610	1965097.2	4.01938	0.019811	mg/L	4.01938	0.019811	mg/L	0.49%
Se 196.026	-148.7	0.0238226	0.00154040	mg/L	0.0238226	0.00154040	mg/L	6.47%
V 292.402	28779.0	0.217129	0.0011620	mg/L	0.217129	0.0011620	mg/L	0.54%
Zn 206.200	37098.1	0.832659	0.0037861	mg/L	0.832659	0.0037861	mg/L	0.45%
Na 330.237	1575.2	4.72848	0.009027	mg/L	4.72848	0.009027	mg/L	0.19%
Ti 334.941	1285055.9	2.69290	0.017086	mg/L	2.69290	0.017086	mg/L	0.63%
Mo 202.030	-113.5	-0.0009031	0.00058146	mg/L	-0.0009031	0.00058146	mg/L	64.39%
Sn 189.933	210.2	0.0342964	0.00000515	mg/L	0.0342964	0.00000515	mg/L	0.02%
Be 234.861	-1536.5	0.0053861	0.00015776	mg/L	0.0053861	0.00015776	mg/L	2.93%
As 188.979	-25.6	0.0158078	0.00218474	mg/L	0.0158078	0.00218474	mg/L	13.82%
Sb 206.833	87.2	0.0058335	0.00212987	mg/L	0.0058335	0.00212987	mg/L	36.51%
Cr 206.158	3493.2	0.154067	0.0007294	mg/L	0.154067	0.0007294	mg/L	0.47%
Pb 220.353	331.0	0.0831305	0.00401515	mg/L	0.0831305	0.00401515	mg/L	4.83%
Ni 231.604	3752.0	0.175505	0.0010211	mg/L	0.175505	0.0010211	mg/L	0.58%
Tl 190.800	-104.7	-0.0058268	0.00059791	mg/L	-0.0058268	0.00059791	mg/L	10.26%

Mean Data ----------

ID: 18786-011 Seq. No.: 25 Sample No.: 21 A/S Pos: 91
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:45:53 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2810.7	-0.0055265	0.00018289	mg/L	-0.0055265	0.00018289	mg/L	3.31%
Al 308.215	960304.0	67.2981	0.38318	mg/L	67.2981	0.38318	mg/L	0.57%
Ba 233.527	16511.1	0.418819	0.0007034	mg/L	0.418819	0.0007034	mg/L	0.17%
Ca 315.887	332573.0	9.15808	0.070735	mg/L	9.15808	0.070735	mg/L	0.77%
Cd 226.502	1118.3	0.0002685	0.00006843	mg/L	0.0002685	0.00006843	mg/L	25.49%
Co 228.616	1887.2	0.0678200	0.00014006	mg/L	0.0678200	0.00014006	mg/L	0.21%
Cu 324.754	71540.1	0.549153	0.0021550	mg/L	0.549153	0.0021550	mg/L	0.39%
Fe 273.955	2153971.8	159.757	0.9494	mg/L	159.757	0.9494	mg/L	0.59%
Mg 279.079	292815.7	23.9293	0.19369	mg/L	23.9293	0.19369	mg/L	0.81%
Mn 257.610	796491.9	1.62913	0.010243	mg/L	1.62913	0.010243	mg/L	0.63%
Se 196.026	-100.7	0.0295273	0.00017520	mg/L	0.0295273	0.00017520	mg/L	0.59%
V 292.402	27406.6	0.207122	0.0016336	mg/L	0.207122	0.0016336	mg/L	0.79%
Zn 206.200	22723.0	0.505719	0.0008468	mg/L	0.505719	0.0008468	mg/L	0.17%
Na 330.237	1333.4	3.72993	0.006692	mg/L	3.72993	0.006692	mg/L	0.18%
Ti 334.941	1438440.4	3.01432	0.022236	mg/L	3.01432	0.022236	mg/L	0.74%
Mo 202.030	-74.2	0.0014813	0.00024720	mg/L	0.0014813	0.00024720	mg/L	16.69%
Sn 189.933	611.3	0.0822395	0.00164130	mg/L	0.0822395	0.00164130	mg/L	2.00%
Be 234.861	-2437.0	0.0034307	0.00010544	mg/L	0.0034307	0.00010544	mg/L	3.07%
As 188.979	434.5	0.197911	0.0022526	mg/L	0.197911	0.0022526	mg/L	1.14%
Sb 206.833	138.4	0.0236077	0.00466748	mg/L	0.0236077	0.00466748	mg/L	19.77%
Cr 206.158	2947.2	0.123446	0.0000587	mg/L	0.123446	0.0000587	mg/L	0.05%
Pb 220.353	2040.0	0.481825	0.0020024	mg/L	0.481825	0.0020024	mg/L	0.42%
Ni 231.604	3619.0	0.169073	0.0013191	mg/L	0.169073	0.0013191	mg/L	0.78%
Tl 190.800	-118.7	-0.0121187	0.00111052	mg/L	-0.0121187	0.00111052	mg/L	9.16%

Mean Data ----------

ID: 18786-012 Seq. No.: 26 Sample No.: 22 A/S Pos: 92
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:48:45 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1671.8	-0.0043984	0.00012862	mg/L	-0.0043984	0.00012862	mg/L	2.92%
Al 308.215	560462.6	39.1451	0.35509	mg/L	39.1451	0.35509	mg/L	0.91%
Ba 233.527	9932.3	0.251941	0.0019552	mg/L	0.251941	0.0019552	mg/L	0.78%
Ca 315.887	145297.4	4.00106	0.050224	mg/L	4.00106	0.050224	mg/L	1.26%
Cd 226.502	579.9	-0.0007911	0.00013024	mg/L	-0.0007911	0.00013024	mg/L	16.46%
Co 228.616	1231.7	0.0442627	0.00015010	mg/L	0.0442627	0.00015010	mg/L	0.34%
Cu 324.754	33481.3	0.220089	0.0018920	mg/L	0.220089	0.0018920	mg/L	0.86%
Fe 273.955	1296545.8	96.1383	0.87516	mg/L	96.1383	0.87516	mg/L	0.91%
Mg 279.079	203616.4	16.6398	0.14560	mg/L	16.6398	0.14560	mg/L	0.87%
Mn 257.610	990694.6	2.02635	0.017782	mg/L	2.02635	0.017782	mg/L	0.88%
Se 196.026	-61.3	0.0135040	0.00072173	mg/L	0.0135040	0.00072173	mg/L	5.34%
V 292.402	13049.2	0.101432	0.0009048	mg/L	0.101432	0.0009048	mg/L	0.89%
Zn 206.200	17798.6	0.393722	0.0021113	mg/L	0.393722	0.0021113	mg/L	0.54%
Na 330.237	1346.2	3.16319	0.022099	mg/L	3.16319	0.022099	mg/L	0.70%
Ti 334.941	749528.0	1.57067	0.013580	mg/L	1.57067	0.013580	mg/L	0.86%
Mo 202.030	-94.3	-0.0062390	0.00013775	mg/L	-0.0062390	0.00013775	mg/L	2.21%
Sn 189.933	331.7	0.0408553	0.00111204	mg/L	0.0408553	0.00111204	mg/L	2.72%

Be 234.861	-1266.8	0.0024384	0.00008511	mg/L	0.0024384	0.00008511 mg/L	3.49%
As 188.979	-18.2	0.0091890	0.00117636	mg/L	0.0091890	0.00117636 mg/L	12.80%
Sb 206.833	88.8	0.0063162	0.00074721	mg/L	0.0063162	0.00074721 mg/L	11.83%
Cr 206.158	1988.7	0.0792787	0.00073439	mg/L	0.0792787	0.00073439 mg/L	0.93%
Pb 220.353	1036.5	0.244241	0.0011561	mg/L	0.244241	0.0011561 mg/L	0.47%
Ni 231.604	2193.9	0.101199	0.0002688	mg/L	0.101199	0.0002688 mg/L	0.27%
Tl 190.800	-93.5	-0.0084239	0.00388140	mg/L	-0.0084239	0.00388140 mg/L	46.08%

Mean Data ----------

ID: 18786-013 Seq. No.: 27 Sample No.: 23 A/S Pos: 93
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:51:40 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2653.4	-0.0054345	0.00069380	mg/L	-0.0054345	0.00069380	mg/L	12.77%
Al 308.215	776672.6	54.3686	0.52193	mg/L	54.3686	0.52193	mg/L	0.96%
Ba 233.527	12208.1	0.309669	0.0012169	mg/L	0.309669	0.0012169	mg/L	0.39%
Ca 315.887	337743.8	9.30047	0.091408	mg/L	9.30047	0.091408	mg/L	0.98%
Cd 226.502	1201.6	0.0008480	0.00001584	mg/L	0.0008480	0.00001584	mg/L	1.87%
Co 228.616	1722.5	0.0619005	0.00021271	mg/L	0.0619005	0.00021271	mg/L	0.34%
Cu 324.754	61196.8	0.461622	0.0018641	mg/L	0.461622	0.0018641	mg/L	0.40%
Fe 273.955	2206606.9	163.662	1.1967	mg/L	163.662	1.1967	mg/L	0.73%
Mg 279.079	339033.4	27.7063	0.27367	mg/L	27.7063	0.27367	mg/L	0.99%
Mn 257.610	972324.0	1.98877	0.013465	mg/L	1.98877	0.013465	mg/L	0.68%
Se 196.026	-136.3	0.0252533	0.00185518	mg/L	0.0252533	0.00185518	mg/L	7.35%
V 292.402	30421.7	0.227991	0.0023630	mg/L	0.227991	0.0023630	mg/L	1.04%
Zn 206.200	29261.0	0.654416	0.0062012	mg/L	0.654416	0.0062012	mg/L	0.95%
Na 330.237	1396.3	4.06666	0.022641	mg/L	4.06666	0.022641	mg/L	0.56%
Ti 334.941	1337248.4	2.80227	0.023657	mg/L	2.80227	0.023657	mg/L	0.84%
Mo 202.030	-73.5	0.0016832	0.00030056	mg/L	0.0016832	0.00030056	mg/L	17.86%
Sn 189.933	776.6	0.101011	0.0001573	mg/L	0.101011	0.0001573	mg/L	0.16%
Be 234.861	-3036.1	0.0025049	0.00038712	mg/L	0.0025049	0.00038712	mg/L	15.45%
As 188.979	189.2	0.100787	0.0003784	mg/L	0.100787	0.0003784	mg/L	0.38%
Sb 206.833	154.1	0.0257714	0.00362653	mg/L	0.0257714	0.00362653	mg/L	14.07%
Cr 206.158	3088.3	0.129949	0.0007046	mg/L	0.129949	0.0007046	mg/L	0.54%
Pb 220.353	2190.3	0.517421	0.0011235	mg/L	0.517421	0.0011235	mg/L	0.22%
Ni 231.604	3194.8	0.144817	0.0003715	mg/L	0.144817	0.0003715	mg/L	0.26%
Tl 190.800	-114.9	-0.0114804	0.00310604	mg/L	-0.0114804	0.00310604	mg/L	27.06%

Mean Data ----------

ID: 18786-014 Seq. No.: 28 Sample No.: 24 A/S Pos: 94
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 11:54:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1901.7	-0.0056302	0.00040018	mg/L	-0.0056302	0.00040018	mg/L	7.11%
Al 308.215	553866.5	38.6807	0.05952	mg/L	38.6807	0.05952	mg/L	0.15%
Ba 233.527	19168.8	0.486236	0.0035808	mg/L	0.486236	0.0035808	mg/L	0.74%
Ca 315.887	644544.7	17.7489	0.03280	mg/L	17.7489	0.03280	mg/L	0.18%
Cd 226.502	2141.8	0.0062947	0.00014581	mg/L	0.0062947	0.00014581	mg/L	2.32%
Co 228.616	1875.6	0.0674019	0.00019280	mg/L	0.0674019	0.00019280	mg/L	0.29%
Cu 324.754	135080.2	1.09039	0.012006	mg/L	1.09039	0.012006	mg/L	1.10%
Fe 273.955	3011790.0	223.405	0.4109	mg/L	223.405	0.4109	mg/L	0.18%
Mg 279.079	150698.8	12.3153	0.09726	mg/L	12.3153	0.09726	mg/L	0.79%
Mn 257.610	1239122.8	2.53448	0.003500	mg/L	2.53448	0.003500	mg/L	0.14%
Se 196.026	-175.4	0.0399812	0.00005131	mg/L	0.0399812	0.00005131	mg/L	0.13%
V 292.402	16143.3	0.140134	0.0000226	mg/L	0.140134	0.0000226	mg/L	0.02%
Zn 206.200	133920.1	3.03473	0.022822	mg/L	3.03473	0.022822	mg/L	0.75%
Na 330.237	5828.5	15.8454	0.12389	mg/L	15.8454	0.12389	mg/L	0.78%
Ti 334.941	792822.4	1.66140	0.001972	mg/L	1.66140	0.001972	mg/L	0.12%
Mo 202.030	16.4	0.0100231	0.00030533	mg/L	0.0100231	0.00030533	mg/L	3.05%
Sn 189.933	1901.8	0.224899	0.0013893	mg/L	0.224899	0.0013893	mg/L	0.62%
Be 234.861	-4033.6	0.0036265	0.00007432	mg/L	0.0036265	0.00007432	mg/L	2.05%
As 188.979	336.4	0.156921	0.0002635	mg/L	0.156921	0.0002635	mg/L	0.17%
Sb 206.833	461.7	0.117458	0.0014335	mg/L	0.117458	0.0014335	mg/L	1.22%
Cr 206.158	3885.6	0.186581	0.0024808	mg/L	0.186581	0.0024808	mg/L	1.33%
Pb 220.353	8375.0	1.97598	0.006997	mg/L	1.97598	0.006997	mg/L	0.35%
Ni 231.604	3920.8	0.174547	0.0003211	mg/L	0.174547	0.0003211	mg/L	0.18%
Tl 190.800	-96.5	-0.0095817	0.00044754	mg/L	-0.0095817	0.00044754	mg/L	4.67%

1445

Mean Data

ID: CCV V-4510 Seq. No.: 29 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: 8/4/05 11:57:41 AM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	64241.1	0.470879	0.0020566	mg/L				0.44%
Al 308.215	75395.4	4.99128	0.027275	mg/L				0.55%
Ba 233.527	20404.0	0.517567	0.0000607	mg/L				0.01%
Ca 315.887	1796537.2	49.4714	0.35073	mg/L				0.71%
Cd 226.502	48650.0	0.498274	0.0023083	mg/L				0.46%
Co 228.616	13783.5	0.495334	0.0003957	mg/L				0.08%
Cu 324.754	64987.0	0.487188	0.0016249	mg/L				0.33%
Fe 273.955	68349.0	5.00939	0.024853	mg/L				0.50%
Mg 279.079	605254.6	49.4622	0.31775	mg/L				0.64%
Mn 257.610	245465.0	0.502070	0.0026760	mg/L				0.53%
Se 196.026	3166.7	0.491223	0.0026381	mg/L				0.54%
V 292.402	74273.8	0.493899	0.0027833	mg/L				0.56%
Zn 206.200	22726.0	0.505788	0.0015545	mg/L				0.31%
Na 330.237	31492.9	48.6633	0.31779	mg/L				0.65%
Ti 334.941	234367.7	0.491129	0.0036113	mg/L				0.74%
Mo 202.030	7391.0	0.489071	0.0007756	mg/L				0.16%
Sn 189.933	4253.3	0.500547	0.0034520	mg/L				0.69%
Be 234.861	262395.5	0.491075	0.0028832	mg/L				0.59%
As 188.979	1253.5	0.505895	0.0023935	mg/L				0.47%
Sb 206.833	1729.4	0.495308	0.0014167	mg/L				0.29%
Cr 206.158	11144.5	0.501181	0.0010547	mg/L				0.21%
Pb 220.353	2122.0	0.501245	0.0009778	mg/L				0.20%
Ni 231.604	9072.7	0.500379	0.0005492	mg/L				0.11%
Tl 190.800	691.5	0.488134	0.0042689	mg/L				0.87%

Mean Data

ID: CCB Seq. No.: 30 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: 8/4/05 12:00:28 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-397.1	-0.0029104	0.00001008	mg/L				0.35%
Al 308.215	4589.1	0.0057749	0.00508576	mg/L				88.07%
Ba 233.527	-13.5	-0.0003418	0.00007206	mg/L				21.08%
Ca 315.887	-16496.0	-0.454252	0.0146129	mg/L				3.22%
Cd 226.502	-174.5	-0.0017869	0.00003617	mg/L				2.02%
Co 228.616	-84.5	-0.0030375	0.00010664	mg/L				3.51%
Cu 324.754	7272.9	-0.0021005	0.00041473	mg/L				19.74%
Fe 273.955	623.1	-0.0156931	0.00212702	mg/L				13.55%
Mg 279.079	405.5	0.0331361	0.00111421	mg/L				3.36%
Mn 257.610	555.2	0.0011355	0.00002828	mg/L				2.49%
Se 196.026	44.5	-0.0033908	0.00052397	mg/L				15.45%
V 292.402	-208.9	-0.0014081	0.00006530	mg/L				4.64%
Zn 206.200	231.1	-0.0058228	0.00016516	mg/L				2.84%
Na 330.237	881.2	1.32490	0.099062	mg/L				7.48%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	127.8	0.0002678	0.00055685	mg/L				207.94%
Mo 202.030	-101.6	-0.0067233	0.00032201	mg/L				4.79%
Sn 189.933	-36.1	-0.0022652	0.00097353	mg/L				42.98%
Be 234.861	-356.4	-0.0006670	0.00000138	mg/L				0.21%
As 188.979	-34.2	-0.0028942	0.00210775	mg/L				72.83%
Sb 206.833	61.7	-0.0017739	0.00165423	mg/L				93.25%
Cr 206.158	163.6	-0.0048217	0.00009390	mg/L				1.95%
Pb 220.353	4.1	-0.0001750	0.00124056	mg/L				708.77%
Ni 231.604	2.9	-0.0034494	0.00030001	mg/L				8.70%
Tl 190.800	-62.9	-0.0023005	0.00085361	mg/L				37.11%

Mean Data

ID: 18786-015 Seq. No.: 31 Sample No.: 25 A/S Pos: 95
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 12:03:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD

Ag 328.068	-2155.5	-0.0046533	0.00035009	mg/L	-0.0046533	0.00035009 mg/L	7.52%
Al 308.215	526856.2	36.7789	0.05336	mg/L	36.7789	0.05336 mg/L	0.15%
Ba 233.527	13030.5	0.330533	0.0007736	mg/L	0.330533	0.0007736 mg/L	0.23%
Ca 315.887	759051.7	20.9021	0.12152	mg/L	20.9021	0.12152 mg/L	0.58%
Cd 226.502	1075.6	0.0010613	0.00010223	mg/L	0.0010613	0.00010223 mg/L	9.63%
Co 228.616	1648.9	0.0592547	0.00024128	mg/L	0.0592547	0.00024128 mg/L	0.41%
Cu 324.754	94896.6	0.746460	0.0021143	mg/L	0.746460	0.0021143 mg/L	0.28%
Fe 273.955	1917278.1	142.195	0.3348	mg/L	142.195	0.3348 mg/L	0.24%
Mg 279.079	235307.9	19.2297	0.08864	mg/L	19.2297	0.08864 mg/L	0.46%
Mn 257.610	820832.6	1.67892	0.002738	mg/L	1.67892	0.002738 mg/L	0.16%
Se 196.026	-108.4	0.0221674	0.00091207	mg/L	0.0221674	0.00091207 mg/L	4.11%
V 292.402	17908.0	0.140639	0.0001783	mg/L	0.140639	0.0001783 mg/L	0.13%
Zn 206.200	24231.4	0.540026	0.0038111	mg/L	0.540026	0.0038111 mg/L	0.71%
Na 330.237	1519.8	3.80897	0.033699	mg/L	3.80897	0.033699 mg/L	0.88%
Ti 334.941	1063510.6	2.22864	0.001855	mg/L	2.22864	0.001855 mg/L	0.08%
Mo 202.030	-4.5	0.0053939	0.00075577	mg/L	0.0053939	0.00075577 mg/L	14.01%
Sn 189.933	833.8	0.106075	0.0010892	mg/L	0.106075	0.0010892 mg/L	1.03%
Be 234.861	-2261.9	0.0028800	0.00009071	mg/L	0.0028800	0.00009071 mg/L	3.15%
As 188.979	40.5	0.0351329	0.00116111	mg/L	0.0351329	0.00116111 mg/L	3.30%
Sb 206.833	139.5	0.0214082	0.00099182	mg/L	0.0214082	0.00099182 mg/L	4.63%
Cr 206.158	2262.8	0.0919097	0.00162956	mg/L	0.0919097	0.00162956 mg/L	1.77%
Pb 220.353	3153.5	0.745454	0.0009598	mg/L	0.745454	0.0009598 mg/L	0.13%
Ni 231.604	2979.9	0.136692	0.0003459	mg/L	0.136692	0.0003459 mg/L	0.25%
Tl 190.800	-102.9	-0.0087292	0.00173756	mg/L	-0.0087292	0.00173756 mg/L	19.91%

Mean Data

ID: 18786-016 Seq. No.: 32 Sample No.: 26 A/S Pos: 96
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 12:06:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2557.7	-0.0036162	0.00010558	mg/L	-0.0036162	0.00010558	mg/L	2.92%
Al 308.215	749179.5	52.4327	0.07273	mg/L	52.4327	0.07273	mg/L	0.14%
Ba 233.527	12083.6	0.306513	0.0011603	mg/L	0.306513	0.0011603	mg/L	0.38%
Ca 315.887	3764722.2	103.669	0.4177	mg/L	103.669	0.4177	mg/L	0.40%
Cd 226.502	879.1	0.0003943	0.00001406	mg/L	0.0003943	0.00001406	mg/L	3.57%
Co 228.616	1585.9	0.0569908	0.00005574	mg/L	0.0569908	0.00005574	mg/L	0.10%
Cu 324.754	46143.3	0.327435	0.0002490	mg/L	0.327435	0.0002490	mg/L	0.08%
Fe 273.955	1658234.5	122.975	0.2901	mg/L	122.975	0.2901	mg/L	0.24%
Mg 279.079	901187.6	73.6462	0.30484	mg/L	73.6462	0.30484	mg/L	0.41%
Mn 257.610	605424.9	1.23833	0.003529	mg/L	1.23833	0.003529	mg/L	0.28%
Se 196.026	-85.3	0.0190919	0.00142958	mg/L	0.0190919	0.00142958	mg/L	7.49%
V 292.402	28643.1	0.200320	0.0004362	mg/L	0.200320	0.0004362	mg/L	0.22%
Zn 206.200	17788.6	0.393494	0.0018276	mg/L	0.393494	0.0018276	mg/L	0.46%
Na 330.237	1422.7	3.85829	0.033290	mg/L	3.85829	0.033290	mg/L	0.86%
Ti 334.941	1443812.8	3.02558	0.009609	mg/L	3.02558	0.009609	mg/L	0.32%
Mo 202.030	-52.2	-0.0034551	0.00023315	mg/L	-0.0034551	0.00023315	mg/L	6.75%
Sn 189.933	518.4	0.0713713	0.00020442	mg/L	0.0713713	0.00020442	mg/L	0.29%
Be 234.861	-1782.2	0.0028162	0.00013696	mg/L	0.0028162	0.00013696	mg/L	4.86%
As 188.979	34.5	0.0376968	0.00088902	mg/L	0.0376968	0.00088902	mg/L	2.36%
Sb 206.833	105.0	0.0136620	0.00448756	mg/L	0.0136620	0.00448756	mg/L	32.85%
Cr 206.158	2827.2	0.117917	0.0004497	mg/L	0.117917	0.0004497	mg/L	0.38%
Pb 220.353	2321.0	0.548370	0.0015248	mg/L	0.548370	0.0015248	mg/L	0.28%
Ni 231.604	2808.1	0.130557	0.0013191	mg/L	0.130557	0.0013191	mg/L	1.01%
Tl 190.800	-106.3	-0.0039903	0.00174737	mg/L	-0.0039903	0.00174737	mg/L	43.79%

Mean Data

ID: 18786-017 Seq. No.: 33 Sample No.: 27 A/S Pos: 97
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 12:09:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-1713.9	-0.0047330	0.00041112	mg/L	-0.0047330	0.00041112	mg/L	8.69%
Al 308.215	572576.3	39.9980	0.39258	mg/L	39.9980	0.39258	mg/L	0.98%
Ba 233.527	9218.0	0.233823	0.0005551	mg/L	0.233823	0.0005551	mg/L	0.24%
Ca 315.887	2085179.6	57.4197	0.53585	mg/L	57.4197	0.53585	mg/L	0.93%
Cd 226.502	656.5	-0.0005808	0.00000076	mg/L	-0.0005808	0.00000076	mg/L	0.13%
Co 228.616	1030.5	0.0370339	0.00012376	mg/L	0.0370339	0.00012376	mg/L	0.33%
Cu 324.754	22960.5	0.130895	0.0007205	mg/L	0.130895	0.0007205	mg/L	0.55%
Fe 273.955	1407094.8	104.341	0.8073	mg/L	104.341	0.8073	mg/L	0.77%

Mg 279.079	447036.1	36.5324	0.34391	mg/L	36.5324	0.34391	mg/L	0.94%
Mn 257.610	352530.3	0.721059	0.0065528	mg/L	0.721059	0.0065528	mg/L	0.91%
Se 196.026	-10.9	0.0243634	0.00090581	mg/L	0.0243634	0.00090581	mg/L	3.72%
V 292.402	14246.7	0.110654	0.0002198	mg/L	0.110654	0.0002198	mg/L	0.20%
Zn 206.200	8175.6	0.174861	0.0004299	mg/L	0.174861	0.0004299	mg/L	0.25%
Na 330.237	1053.4	1.63483	0.040898	mg/L	1.63483	0.040898	mg/L	2.50%
Ti 334.941	747111.3	1.56561	0.013098	mg/L	1.56561	0.013098	mg/L	0.84%
Mo 202.030	-56.1	-0.0037142	0.00062650	mg/L	-0.0037142	0.00062650	mg/L	16.87%
Sn 189.933	207.3	0.0262768	0.00125823	mg/L	0.0262768	0.00125823	mg/L	4.79%
Be 234.861	-1565.5	0.0022897	0.00009520	mg/L	0.0022897	0.00009520	mg/L	4.16%
As 188.979	-3.1	0.0156485	0.00073539	mg/L	0.0156485	0.00073539	mg/L	4.70%
Sb 206.833	98.2	0.0091003	0.00114993	mg/L	0.0091003	0.00114993	mg/L	12.64%
Cr 206.158	2023.3	0.0808722	0.00014982	mg/L	0.0808722	0.00014982	mg/L	0.19%
Pb 220.353	717.6	0.168742	0.0004339	mg/L	0.168742	0.0004339	mg/L	0.26%
Ni 231.604	2104.6	0.0947816	0.00090951	mg/L	0.0947816	0.00090951	mg/L	0.96%
Tl 190.800	-91.9	-0.0073671	0.00585177	mg/L	-0.0073671	0.00585177	mg/L	79.43%

Mean Data ----------

ID: 18852-001 Seq. No.: 34 Sample No.: 28 A/S Pos: 98
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 12:12:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-6665.0	-0.0385561	0.00097229	mg/L	-0.0385561	0.00097229	mg/L	2.52%
Al 308.215	1120168.7	78.5543	0.54589	mg/L	78.5543	0.54589	mg/L	0.69%
Ba 233.527	86780.1	2.20126	0.014051	mg/L	2.20126	0.014051	mg/L	0.64%
Ca 315.887	9886852.7	272.255	2.0048	mg/L	272.255	2.0048	mg/L	0.74%
Cd 226.502	6721.9	0.0163715	0.00044688	mg/L	0.0163715	0.00044688	mg/L	2.73%
Co 228.616	137793.5	4.95186	0.026704	mg/L	4.95186	0.026704	mg/L	0.54%
Cu 324.754	4824522.4	40.8676	0.47870	mg/L	40.8676	0.47870	mg/L	1.17%
Fe 273.955	10102353.2	749.505	5.5825	mg/L	749.505	5.5825	mg/L	0.74%
Mg 279.079	700184.9	57.2200	0.32718	mg/L	57.2200	0.32718	mg/L	0.57%
Mn 257.610	3490527.6	7.13946	0.037864	mg/L	7.13946	0.037864	mg/L	0.53%
Se 196.026	-742.7	0.127090	0.0034883	mg/L	0.127090	0.0034883	mg/L	2.74%
V 292.402	3663161.3	24.7868	0.14305	mg/L	24.7868	0.14305	mg/L	0.58%
Zn 206.200	422000.5	9.58667	0.044693	mg/L	9.58667	0.044693	mg/L	0.47%
Na 330.237	21861.9	52.2239	0.31231	mg/L	52.2239	0.31231	mg/L	0.60%
Ti 334.941	982540.1	2.05896	0.011081	mg/L	2.05896	0.011081	mg/L	0.54%
Mo 202.030	9305.2	0.645722	0.0035932	mg/L	0.645722	0.0035932	mg/L	0.56%
Sn 189.933	1624.0	0.198223	0.0007051	mg/L	0.198223	0.0007051	mg/L	0.36%
Be 234.861	-13520.1	0.0121900	0.00051430	mg/L	0.0121900	0.00051430	mg/L	4.22%
As 188.979	2278.6	0.964340	0.0207302	mg/L	0.964340	0.0207302	mg/L	2.15%
Sb 206.833	1741.2	0.480560	0.0048161	mg/L	0.480560	0.0048161	mg/L	1.00%
Cr 206.158	51923.4	2.29718	0.011641	mg/L	2.29718	0.011641	mg/L	0.51%
Pb 220.353	8538.3	2.03725	0.018846	mg/L	2.03725	0.018846	mg/L	0.93%
Ni 231.604	1458742.5	80.8968	0.50922	mg/L	80.8968	0.50922	mg/L	0.63%
Tl 190.800	-137.5	-0.0473388	0.00720011	mg/L	-0.0473388	0.00720011	mg/L	15.21%

Mean Data ----------

ID: 18852-001 Seq. No.: 35 Sample No.: 29 A/S Pos: 99
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 5.0
Data: Original Date: 8/4/05 12:16:31 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1792.6	-0.0131398	0.00003431	mg/L	-0.0656988	0.00017154	mg/L	0.26%
Al 308.215	218302.9	15.0535	0.12231	mg/L	75.2673	0.61157	mg/L	0.81%
Ba 233.527	17924.8	0.454680	0.0037194	mg/L	2.27340	0.018597	mg/L	0.82%
Ca 315.887	2089876.2	57.5490	0.43016	mg/L	287.745	2.1508	mg/L	0.75%
Cd 226.502	1108.9	-0.0011396	0.00020274	mg/L	-0.0056978	0.00101368	mg/L	17.79%
Co 228.616	28542.7	1.02573	0.003275	mg/L	5.12866	0.016375	mg/L	0.32%
Cu 324.754	956240.8	8.05022	0.083395	mg/L	40.2511	0.41698	mg/L	1.04%
Fe 273.955	2406562.2	178.499	1.4122	mg/L	892.493	7.0612	mg/L	0.79%
Mg 279.079	140514.4	11.4830	0.04639	mg/L	57.4151	0.23196	mg/L	0.40%
Mn 257.610	742441.9	1.51858	0.012701	mg/L	7.59289	0.063507	mg/L	0.84%
Se 196.026	-107.9	0.0349429	0.00111770	mg/L	0.174714	0.0055885	mg/L	3.20%
V 292.402	751317.8	5.08886	0.025824	mg/L	25.4443	0.12912	mg/L	0.51%
Zn 206.200	92525.8	2.09328	0.002719	mg/L	10.4664	0.01359	mg/L	0.13%
Na 330.237	5083.7	11.7248	0.01285	mg/L	58.6241	0.06426	mg/L	0.11%
Ti 334.941	199195.2	0.417423	0.0023373	mg/L	2.08712	0.011687	mg/L	0.56%
Mo 202.030	1834.6	0.128540	0.0001048	mg/L	0.642701	0.0005238	mg/L	0.08%

Sn 189.933	308.7	0.0381516	0.00026044	mg/L	0.190758	0.0013022 mg/L	0.68%
Be 234.861	-3335.9	0.0026860	0.00001271	mg/L	0.0134301	0.00006353 mg/L	0.47%
As 188.979	450.2	0.199189	0.0007459	mg/L	0.995947	0.0037297 mg/L	0.37%
Sb 206.833	411.1	0.102363	0.0012532	mg/L	0.511814	0.0062659 mg/L	1.22%
Cr 206.158	10795.1	0.468086	0.0041725	mg/L	2.34043	0.020862 mg/L	0.89%
Pb 220.353	1762.3	0.421395	0.0014433	mg/L	2.10698	0.007217 mg/L	0.34%
Ni 231.604	307072.6	17.0226	0.10882	mg/L	85.1132	0.54411 mg/L	0.64%
Tl 190.800	-79.8	-0.0193801	0.00002630	mg/L	-0.0969007	0.00013149 mg/L	0.14%

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: 8/4/05 12:20:33 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-269.5	-0.0019751	0.00010649	mg/L				5.39%
Al 308.215	6398643.9	450.130	2.7100	mg/L				0.60%
Ba 233.527	-101.5	-0.0025757	0.00019736	mg/L				7.66%
Ca 315.887	16191513.4	445.867	1.4911	mg/L				0.33%
Cd 226.502	1371.0	0.0017271	0.00001433	mg/L				0.83%
Co 228.616	67.1	0.0024120	0.00008818	mg/L				3.66%
Cu 324.754	8428.0	0.0147501	0.00210114	mg/L				14.24%
Fe 273.955	2371518.1	175.898	0.5951	mg/L				0.34%
Mg 279.079	6117320.8	499.915	2.1808	mg/L				0.44%
Mn 257.610	-1781.9	-0.0036447	0.00016953	mg/L				4.65%
Se 196.026	-220.3	0.0092388	0.00103416	mg/L				11.19%
V 292.402	7544.1	0.0077860	0.00018812	mg/L				2.42%
Zn 206.200	242.7	-0.0055597	0.00017746	mg/L				3.19%
Na 330.237	736.1	-4.91635	0.059305	mg/L				1.21%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1569.3	-0.0032885	0.00030214	mg/L				9.19%
Mo 202.030	-192.5	-0.0057001	0.00014156	mg/L				2.48%
Sn 189.933	4.1	0.0024513	0.00003470	mg/L				1.42%
Be 234.861	-4158.5	0.0010163	0.00009683	mg/L				9.53%
As 188.979	-53.7	-0.0000642	0.00106115	mg/L				>999.9%
Sb 206.833	101.2	-0.0030526	0.00021094	mg/L				6.91%
Cr 206.158	765.7	0.0048927	0.00031768	mg/L				6.49%
Pb 220.353	-180.4	-0.0029836	0.00215977	mg/L				72.39%
Ni 231.604	923.8	0.0094902	0.00069764	mg/L				7.35%
Tl 190.800	-62.9	-0.0022377	0.00286497	mg/L				128.03%

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: 8/4/05 12:23:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	136124.0	0.997771	0.0050301	mg/L				0.50%
Al 308.215	6379897.6	448.810	3.1221	mg/L				0.70%
Ba 233.527	18479.1	0.468740	0.0017528	mg/L				0.37%
Ca 315.887	16201030.2	446.129	1.7866	mg/L				0.40%
Cd 226.502	90875.8	0.918433	0.0039559	mg/L				0.43%
Co 228.616	12884.2	0.463017	0.0007191	mg/L				0.16%
Cu 324.754	64722.6	0.492006	0.0041549	mg/L				0.84%
Fe 273.955	2372194.4	175.949	0.6903	mg/L				0.39%
Mg 279.079	6115016.0	499.727	2.6847	mg/L				0.54%
Mn 257.610	227910.5	0.466164	0.0025719	mg/L				0.55%
Se 196.026	5664.8	0.941586	0.0013622	mg/L				0.14%
V 292.402	74223.7	0.457234	0.0015461	mg/L				0.34%
Zn 206.200	39149.9	0.879325	0.0029020	mg/L				0.33%
Na 330.237	2319.4	-0.247268	0.0048435	mg/L				1.96%
Ti 334.941	-1556.1	-0.0032608	0.00002033	mg/L				0.62%
Mo 202.030	-201.7	-0.0063055	0.00062277	mg/L				9.88%
Sn 189.933	-11.3	0.0006479	0.00297201	mg/L				458.72%
Be 234.861	248926.8	0.474670	0.0017594	mg/L				0.37%
As 188.979	2457.9	0.992316	0.0006938	mg/L				0.07%
Sb 206.833	3350.1	0.965335	0.0016908	mg/L				0.18%
Cr 206.158	10692.8	0.468155	0.0032615	mg/L				0.70%
Pb 220.353	3818.5	0.943708	0.0074277	mg/L				0.79%
Ni 231.604	17372.4	0.923228	0.0019079	mg/L				0.21%

Tl 190.800	1400.4	0.948935	0.0150324	mg/L	1.58%

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: 8/4/05 12:26:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	65452.5	0.479758	0.0014098	mg/L				0.29%
Al 308.215	76548.3	5.07246	0.014966	mg/L				0.30%
Ba 233.527	20098.3	0.509814	0.0022361	mg/L				0.44%
Ca 315.887	1840393.0	50.6790	0.04819	mg/L				0.10%
Cd 226.502	49368.0	0.505628	0.0010894	mg/L				0.22%
Co 228.616	13908.2	0.499816	0.0017467	mg/L				0.35%
Cu 324.754	66406.8	0.499224	0.0020534	mg/L				0.41%
Fe 273.955	68993.9	5.05724	0.005561	mg/L				0.11%
Mg 279.079	616414.7	50.3742	0.06649	mg/L				0.13%
Mn 257.610	250329.2	0.512019	0.0003350	mg/L				0.07%
Se 196.026	3191.8	0.495210	0.0026217	mg/L				0.53%
V 292.402	75328.0	0.500880	0.0002165	mg/L				0.04%
Zn 206.200	22841.7	0.508420	0.0013740	mg/L				0.27%
Na 330.237	31991.8	49.4201	0.08782	mg/L				0.18%
Ti 334.941	240391.9	0.503753	0.0009210	mg/L				0.18%
Mo 202.030	7405.5	0.490031	0.0034824	mg/L				0.71%
Sn 189.933	4282.7	0.503994	0.0042988	mg/L				0.85%
Be 234.861	266721.0	0.499170	0.0006599	mg/L				0.13%
As 188.979	1249.3	0.504219	0.0026175	mg/L				0.52%
Sb 206.833	1738.6	0.498023	0.0037785	mg/L				0.76%
Cr 206.158	11104.3	0.499329	0.0030967	mg/L				0.62%
Pb 220.353	2119.9	0.500745	0.0034415	mg/L				0.69%
Ni 231.604	9061.3	0.499746	0.0047738	mg/L				0.96%
Tl 190.800	704.1	0.496302	0.0069709	mg/L				1.40%

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: 8/4/05 12:29:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-376.4	-0.0027591	0.00003113	mg/L				1.13%
Al 308.215	4398.2	-0.0076675	0.00046007	mg/L				6.00%
Ba 233.527	-16.7	-0.0004229	0.00004156	mg/L				9.83%
Ca 315.887	-17258.8	-0.475256	0.0071222	mg/L				1.50%
Cd 226.502	-174.1	-0.0017827	0.00000453	mg/L				0.25%
Co 228.616	-91.3	-0.0032824	0.00001792	mg/L				0.55%
Cu 324.754	8012.0	0.0041656	0.00075031	mg/L				18.01%
Fe 273.955	569.2	-0.0196918	0.01342952	mg/L				68.20%
Mg 279.079	343.6	0.0280822	0.00252632	mg/L				9.00%
Mn 257.610	428.3	0.0008760	0.00015338	mg/L				17.51%
Se 196.026	51.0	-0.0023565	0.00002333	mg/L				0.99%
V 292.402	-181.6	-0.0012239	0.00018299	mg/L				14.95%
Zn 206.200	227.4	-0.0059076	0.00022382	mg/L				3.79%
Na 330.237	924.5	1.39003	0.059094	mg/L				4.25%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-214.1	-0.0004487	0.00011967	mg/L				26.67%
Mo 202.030	-100.6	-0.0066583	0.00005774	mg/L				0.87%
Sn 189.933	-39.3	-0.0026371	0.00080830	mg/L				30.65%
Be 234.861	-395.6	-0.0007403	0.00001273	mg/L				1.72%
As 188.979	-38.7	-0.0046597	0.00070267	mg/L				15.08%
Sb 206.833	60.5	-0.0021332	0.00026109	mg/L				12.24%
Cr 206.158	154.4	-0.0052486	0.00035073	mg/L				6.68%
Pb 220.353	-0.5	-0.0012811	0.00018519	mg/L				14.46%
Ni 231.604	25.0	-0.0022267	0.00014215	mg/L				6.38%
Tl 190.800	-57.2	0.0014387	0.00068832	mg/L				47.84%

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H6229S.TXT **Instrument:** HGCV1

Analysis Date: 08/04/05 **Standard/Batch/SnCl2 Lot #:** V-5392

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	11:08	1						
0.5 PPB	1	CAL	11:10	2						
1.0 PPB	1	CAL	11:12	3						
2.0 PPB	1	CAL	11:13	4						
5.0 PPB	1	CAL	11:15	5						
10.0 PPB	1	CAL	11:16	6						
25.0 PPB	1	CAL	11:18	7						
ICV 1183 (2)	1	ICV	11:20	8						
ICB	1	ICB	11:21	9						
MB 6229 (167)	1	MB	11:23	10		SOIL	SOIL	SW846	6229	
LCS	1	LCS	11:25	11		SOIL	SOIL	SW846	6229	
LCS MR	1	LCS	11:26	12		SOIL	SOIL	SW846	6229	
AC18807-009	1	SMP	11:28	13	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-009	1	MR	11:29	14	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-011	1	MS	11:31	15	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-012	1	MS	11:33	16	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-013	1	SMP	11:34	17	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-014	1	SMP	11:36	18	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-015	1	SMP	11:37	19	HG-SOIL	SOIL	SOIL	SW846	6229	
CCV	1	CCV	11:39	20						
CCB	1	CCB	11:41	21						
AC18807-016	1	SMP	11:42	22	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-017	1	SMP	11:44	23	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-018	1	SMP	11:45	24	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-019	1	SMP	11:47	25	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-020	1	SMP	11:49	26	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-001	1	SMP	11:50	27	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-002	1	SMP	11:52	28	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-003	1	SMP	11:53	29	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-004	1	SMP	11:55	30	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-005	1	SMP	11:57	31	HG-SOIL	SOIL	SOIL	SW846	6229	
CCV	1	CCV	11:58	32						
CCB	1	CCB	12:00	33						
AC18807-006	1	SMP	12:02	34	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-007	1	SMP	12:03	35	HG-SOIL	SOIL	AQUEO	SW846	6229	
AC18807-008	1	SMP	12:05	36	HG-SOIL	SOIL	SOIL	SW846	6229	
AC18807-010	1	SMP	12:06	37	HG-SOIL	SOIL	SOIL	SW846	6229	
MB FB	1	MB	12:08	38		SOIL	SOIL	SW846	6229	
LCSW	1	LCS	12:10	39		SOIL	AQUEO	SW846	6229	
CCV	1	CCV	12:11	40						
CCB	1	CCB	12:13	41						

Shivani m — 8/4/05

8/4/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H6230S.TXT **Instrument:** HGCV1

Analysis Date: 08/04/05 **Standard/Batch/SnCl2 Lot #:** V-5392

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	13:41	1						
0.5 PPB	1	CAL	13:43	2						
1.0 PPB	1	CAL	13:45	3						
2.0 PPB	1	CAL	13:46	4						
5.0 PPB	1	CAL	13:48	5						
10.0 PPB	1	CAL	13:49	6						
25.0 PPB	1	CAL	13:51	7						
ICV 1183 (2)	1	ICV	13:53	8						
ICB	1	ICB	13:54	9						
MB 6230 (167)	1	MB	13:56	10		SOIL	SOIL	SW846	6230	
LCS	1	LCS	13:57	11		SOIL	SOIL	SW846	6230	
LCS MR	1	LCS	13:59	12		SOIL	SOIL	SW846	6230	
AC18853-004	1	SMP	14:01	13	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18853-004	1	MR	14:02	14	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	14:04	15	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18853-004	1	MS	14:05	16	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18855-001	1	SMP	14:07	17	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18855-002	1	SMP	14:09	18	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18855-003	1	SMP	14:10	19	HG-SOIL	SOIL	SOIL	SW846	6230	
CCV	1	CCV	14:12	20						
CCB	1	CCB	14:14	21						
AC18855-004	1	SMP	14:15	22	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18807-021	1	SMP	14:17	23	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18807-022	1	SMP	14:18	24	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18807-023	1	SMP	14:20	25	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18807-024	1	SMP	14:22	26	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18807-025	1	SMP	14:23	27	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18853-001	1	SMP	14:25	28	HG-SOIL	SOIL	SOIL	SW846	6230	
AC18853-002	1	SMP	14:26	29	HG-SOIL	SOIL	SOIL	SW846	6230	
C18853-003	1	SMP	14:28	30	HG-SOIL	SOIL	SOIL	SW846	6230	
CV	1	CCV	14:30	31						
CCB	1	CCB	14:31	32						

Shimadzu Batch 8/4/05

8/4/05

1st Rv/Analyst 8/4/05 V-5392

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

Shrinal R 8/4/05

Date: 08/04/2005
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6230S.SIF Results Data Set Name: ~~H6230S~~ H6229S Batch

Element: Hg Seq. No.: 18 AS Loc.: 1 Date: 08/04/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0006	0.0024	0.0006	11:08:24	No
2			0.0006	0.0027	0.0006	11:08:59	No
Mean:			0.0006				
SD :			0.0000				
%RSD:			1.2929				

Auto-zero performed.

Element: Hg Seq. No.: 19 AS Loc.: 2 Date: 08/04/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0029	0.0104	0.0035	11:10:00	No
2			0.0031	0.0126	0.0037	11:10:35	No
Mean:			0.0030				
SD :			0.0001				
%RSD:			4.0635				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00599
Intercept : 0.00000

Element: Hg Seq. No.: 20 AS Loc.: 3 Date: 08/04/2005
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0063	0.0227	0.0069	11:11:36	No
2			0.0064	0.0231	0.0069	11:12:11	No
Mean:			0.0063				
SD :			0.0000				
%RSD:			0.6072				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99953 Slope: 0.00633
Intercept : -0.00006

Element: Hg Seq. No.: 21 AS Loc.: 4 Date: 08/04/2005
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0126	0.0419	0.0132	11:13:12	No
2			0.0127	0.0437	0.0133	11:13:47	No
Mean:			0.0127				
SD :			0.0001				
%RSD:			0.8951				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99989 Slope: 0.00636

Intercept : -0.00007

Element: Hg Seq. No.: 22 AS Loc.: 5 Date: 08/04/2005
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0320	0.1045	0.0326	11:14:48	No
2			0.0324	0.1047	0.0330	11:15:23	No
Mean:			0.0322				
SD :			0.0003				
%RSD:			0.9275				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99997 Slope: 0.00646
Intercept : -0.00014

Element: Hg Seq. No.: 23 AS Loc.: 6 Date: 08/04/2005
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0634	0.2064	0.0640	11:16:24	No
2			0.0632	0.2069	0.0638	11:16:59	No
Mean:			0.0633				
SD :			0.0002				
%RSD:			0.2396				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99995 Slope: 0.00635
Intercept : 0.00000

Element: Hg Seq. No.: 24 AS Loc.: 7 Date: 08/04/2005
Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1535	0.5042	0.1541	11:18:00	No
2			0.1544	0.5068	0.1550	11:18:35	No
Mean:			0.1539				
SD :			0.0007				
%RSD:			0.4246				

[Hg] Standard number 6 applied. [25.00]
Correlation Coefficient: 0.99991 Slope: 0.00616
Intercept : 0.00047

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0006	---	----	----	----
0.5 PPB	0.0030	0.500	0.410	0.0001	4.1
1.0 PPB	0.0063	1.000	0.950	0.0000	0.6
2.0 PPB	0.0127	2.000	1.979	0.0001	0.9
5.0 PPB	0.0322	5.000	5.148	0.0003	0.9
10.0 PPB	0.0633	10.000	10.19	0.0002	0.2
25.0 PPB	0.1539	25.000	24.90	0.0007	0.4

Correlation Coefficient: 0.99991 Slope: 0.00616 Intercept: 0.0005

Element: Hg Seq. No.: 25 AS Loc.: 9 Date: 08/04/2005
Sample ID: ICV 1183 (2)

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

1	21.54	21.54	0.1332	0.4291	0.1338	11:19:39	No
2	21.40	21.40	0.1324	0.4265	0.1330	11:20:14	No
Mean:	21.47	21.47	0.1328				
SD :	0.0965	0.0965	0.0006				
%RSD:	0.4	0.4	0.4480				

QC value within specified limits.

Element: Hg Seq. No.: 26 AS Loc.: 1 Date: 08/04/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.109	-0.109	-0.0002	-0.0001	0.0004	11:21:15	No
2	-0.091	-0.091	-0.0001	0.0013	0.0005	11:21:50	No
Mean:	-0.100	-0.100	-0.0001				
SD :	0.0127	0.0127	0.0001				
%RSD:	12.8	12.8	53.5235				

QC value within specified limits.

Element: Hg Seq. No.: 27 AS Loc.: 10 Date: 08/04/2005
Sample ID: MB 6229 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.124	-0.124	-0.0003	0.0010	0.0003	11:22:51	No
2	-0.142	-0.142	-0.0004	-0.0007	0.0002	11:23:26	No
Mean:	-0.133	-0.133	-0.0003				
SD :	0.0124	0.0124	0.0001				
%RSD:	9.3	9.3	21.7809				

Element: Hg Seq. No.: 28 AS Loc.: 11 Date: 08/04/2005
Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.24	10.24	0.0636	0.2037	0.0642	11:24:26	No
2	10.15	10.15	0.0630	0.2042	0.0636	11:25:01	No
Mean:	10.19	10.19	0.0633				
SD :	0.0634	0.0634	0.0004				
%RSD:	0.6	0.6	0.6171				

Element: Hg Seq. No.: 29 AS Loc.: 12 Date: 08/04/2005
Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.23	10.23	0.0635	0.2055	0.0641	11:26:02	No
2	10.24	10.24	0.0636	0.2053	0.0641	11:26:37	No
Mean:	10.23	10.23	0.0635				
SD :	0.0043	0.0043	0.0000				
%RSD:							

Element: Hg Seq. No.: 30 AS Loc.: 13 Date: 08/04/2005
Sample ID: 18807-009

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.254	0.254	0.0020	0.0082	0.0026	11:27:38	No
2	0.269	0.269	0.0021	0.0098	0.0027	11:28:13	No
Mean:	0.261	0.261	0.0021				
SD :	0.0104	0.0104	0.0001				
%RSD:	4.0	4.0	3.0849				

Element: Hg Seq. No.: 31 AS Loc.: 14 Date: 08/04/2005
Sample ID: ~~18817~~-009 MR
18807

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.647	0.647	0.0045	0.0157	0.0050	11:29:14	No
2	0.634	0.634	0.0044	0.0148	0.0050	11:29:49	No
Mean:	0.641	0.641	0.0044				
SD :	0.0087	0.0087	0.0001				
%RSD:	1.4	1.4	1.2117				

Element: Hg Seq. No.: 32 AS Loc.: 15 Date: 08/04/2005
Sample ID: 18807-011 MS 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.59	10.59	0.0658	0.2116	0.0663	11:30:50	No
2	10.58	10.58	0.0657	0.2121	0.0662	11:31:25	No
Mean:	10.58	10.58	0.0657				
SD :	0.0122	0.0122	0.0001				
%RSD:	0.1	0.1	0.1141				

Element: Hg Seq. No.: 33 AS Loc.: 16 Date: 08/04/2005
Sample ID: 18807-012 MS 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.88	10.88	0.0675	0.2195	0.0681	11:32:26	No
2	10.87	10.87	0.0674	0.2172	0.0680	11:33:01	No
Mean:	10.87	10.87	0.0675				
SD :	0.0068	0.0068	0.0000				
%RSD:							

Element: Hg Seq. No.: 34 AS Loc.: 17 Date: 08/04/2005
Sample ID: 18807-013

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.290	0.290	0.0023	0.0089	0.0028	11:34:02	No
2	0.291	0.291	0.0023	0.0097	0.0028	11:34:37	No
Mean:	0.291	0.291	0.0023				
SD :	0.0008	0.0008	0.0000				
%RSD:	0.3	0.3	0.2189				

Element: Hg Seq. No.: 35 AS Loc.: 18 Date: 08/04/2005
Sample ID: 18807-014

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.104	-0.104	-0.0002	0.0019	0.0004	11:35:38	No
2	-0.115	-0.115	-0.0002	0.0004	0.0003	11:36:13	No
Mean:	-0.109	-0.109	-0.0002				
SD :	0.0078	0.0078	0.0000				
%RSD:	7.1	7.1	23.3092				

Element: Hg Seq. No.: 36 AS Loc.: 19 Date: 08/04/2005
Sample ID: 18807-015

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.237	6.237	0.0389	0.1249	0.0395	11:37:17	No
2	6.146	6.146	0.0384	0.1250	0.0389	11:37:52	No

Mean:	6.192	6.192	0.0386
SD :	0.0645	0.0645	0.0004
%RSD:	1.0	1.0	1.0292

Element: Hg Seq. No.: 37 AS Loc.: 8 Date: 08/04/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.38	10.38	0.0645	0.2076	0.0650	11:38:56	No
2	10.28	10.28	0.0638	0.2068	0.0644	11:39:31	No
Mean:	10.33	10.33	0.0641				
SD :	0.0717	0.0717	0.0004				
%RSD:	0.7	0.7	0.6890				

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 1 Date: 08/04/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.088	-0.088	-0.0001	0.0012	0.0005	11:40:35	No
2	-0.101	-0.101	-0.0002	-0.0002	0.0004	11:41:10	No
Mean:	-0.095	-0.095	-0.0001				
SD :	0.0091	0.0091	0.0001				
%RSD:	9.7	9.7	49.4165				

QC value within specified limits.

Element: Hg Seq. No.: 39 AS Loc.: 20 Date: 08/04/2005
Sample ID: 18807-016

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.262	0.262	0.0021	0.0091	0.0027	11:42:12	No
2	0.237	0.237	0.0019	0.0061	0.0025	11:42:47	No
Mean:	0.249	0.249	0.0020				
SD :	0.0179	0.0179	0.0001				
%RSD:	7.2	7.2	5.4895				

Element: Hg Seq. No.: 40 AS Loc.: 21 Date: 08/04/2005
Sample ID: 18807-017

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.074	-0.074	0.0000	0.0019	0.0006	11:43:48	No
2	-0.069	-0.069	0.0000	0.0023	0.0006	11:44:23	No
Mean:	-0.071	-0.071	0.0000				
SD :	0.0037	0.0037	0.0000				
%RSD:	5.2	5.2	76.8782				

Element: Hg Seq. No.: 41 AS Loc.: 22 Date: 08/04/2005
Sample ID: 18807-018

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.270	0.270	0.0021	0.0073	0.0027	11:45:24	No
2	0.288	0.288	0.0022	0.0098	0.0028	11:45:59	No
Mean:	0.279	0.279	0.0022				
SD :	0.0125	0.0125	0.0001				
%RSD:	4.5	4.5	3.5204				

Element: Hg Seq. No.: 42 AS Loc.: 23 Date: 08/04/2005

Sample ID: 18807-019

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.964	8.964	0.0557	0.1779	0.0563	11:47:00	No
2	9.020	9.020	0.0561	0.1829	0.0566	11:47:35	No
Mean:	8.992	8.992	0.0559				
SD :	0.0392	0.0392	0.0002				
%RSD:	0.4	0.4	0.4328				

Element: Hg Seq. No.: 43 AS Loc.: 24 Date: 08/04/2005
Sample ID: 18807-020

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.088	-0.088	-0.0001	0.0012	0.0005	11:48:36	No
2	-0.079	-0.079	0.0000	0.0021	0.0006	11:49:11	No
Mean:	-0.083	-0.083	0.0000				
SD :	0.0068	0.0068	0.0000				
%RSD:	8.2	8.2	92.8431				

Element: Hg Seq. No.: 44 AS Loc.: 25 Date: 08/04/2005
Sample ID: 18807-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.031	0.031	0.0007	0.0042	0.0012	11:50:12	No
2	0.024	0.024	0.0006	0.0031	0.0012	11:50:47	No
Mean:	0.028	0.028	0.0006				
SD :	0.0052	0.0052	0.0000				
%RSD:	18.9	18.9	5.0415				

Element: Hg Seq. No.: 45 AS Loc.: 26 Date: 08/04/2005
Sample ID: 18807-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.200	0.200	0.0017	0.0078	0.0023	11:51:48	No
2	0.208	0.208	0.0017	0.0086	0.0023	11:52:23	No
Mean:	0.204	0.204	0.0017				
SD :	0.0057	0.0057	0.0000				
%RSD:	2.8	2.8	2.0408				

Element: Hg Seq. No.: 46 AS Loc.: 27 Date: 08/04/2005
Sample ID: 18807-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	0.0004	0.0013	0.0009	11:53:23	No
2	-0.010	-0.010	0.0004	0.0021	0.0010	11:53:58	No
Mean:	-0.014	-0.014	0.0004				
SD :	0.0064	0.0064	0.0000				
%RSD:	44.8	44.8	10.3211				

Element: Hg Seq. No.: 47 AS Loc.: 28 Date: 08/04/2005
Sample ID: 18807-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.126	0.126	0.0012	0.0062	0.0018	11:55:02	No
2	0.115	0.115	0.0012	0.0050	0.0018	11:55:37	No
Mean:	0.120	0.120	0.0012				
SD :	0.0074	0.0074	0.0000				

%RSD: 6.2 6.2 3.7737

Element: Hg Seq. No.: 48 AS Loc.: 29 Date: 08/04/2005
Sample ID: 18807-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.072	0.072	0.0009	0.0045	0.0015	11:56:37	No
2	0.042	0.042	0.0007	0.0028	0.0013	11:57:12	No
Mean:	0.057	0.057	0.0008				
SD :	0.0215	0.0215	0.0001				
%RSD:	37.6	37.6	16.1508				

Element: Hg Seq. No.: 49 AS Loc.: 8 Date: 08/04/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.37	10.37	0.0644	0.2095	0.0649	11:58:16	No
2	10.32	10.32	0.0641	0.2090	0.0647	11:58:51	No
Mean:	10.34	10.34	0.0642				
SD :	0.0302	0.0302	0.0002				
%RSD:	0.3	0.3	0.2894				

QC value within specified limits.

Element: Hg Seq. No.: 50 AS Loc.: 1 Date: 08/04/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.094	-0.094	-0.0001	0.0016	0.0005	11:59:54	No
2	-0.104	-0.104	-0.0002	0.0002	0.0004	12:00:29	No
Mean:	-0.099	-0.099	-0.0001				
SD :	0.0069	0.0069	0.0000				
%RSD:	6.9	6.9	30.0789				

QC value within specified limits.

Element: Hg Seq. No.: 51 AS Loc.: 30 Date: 08/04/2005
Sample ID: 18807-006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	0.0003	0.0017	0.0009	12:01:31	No
2	-0.004	-0.004	0.0004	0.0046	0.0010	12:02:06	No
Mean:	-0.017	-0.017	0.0004				
SD :	0.0183	0.0183	0.0001				
%RSD:	109.0	109.0	30.9596				

Element: Hg Seq. No.: 52 AS Loc.: 31 Date: 08/04/2005
Sample ID: 18807-007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.131	-0.131	-0.0003	0.0004	0.0002	12:03:06	No
2	-0.134	-0.134	-0.0004	0.0003	0.0002	12:03:41	No
Mean:	-0.133	-0.133	-0.0004				
SD :	0.0021	0.0021	0.0000				
%RSD:	1.6	1.6	3.7644				

Element: Hg Seq. No.: 53 AS Loc.: 32 Date: 08/04/2005
Sample ID: 18807-008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	0.0000	0.0027	0.0006	12:04:41	No
2	-0.085	-0.085	-0.0001	0.0024	0.0005	12:05:16	No
Mean:	-0.082	-0.082	0.0000				
SD :	0.0041	0.0041	0.0000				
%RSD:	5.0	5.0	65.4692				

Element: Hg Seq. No.: 54 AS Loc.: 33 Date: 08/04/2005
Sample ID: 18807-010

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.582	0.582	0.0041	0.0148	0.0046	12:06:17	No
2	0.577	0.577	0.0040	0.0151	0.0046	12:06:52	No
Mean:	0.579	0.579	0.0040				
SD :	0.0038	0.0038	0.0000				
%RSD:	0.7	0.7	0.5785				

Element: Hg Seq. No.: 55 AS Loc.: 34 Date: 08/04/2005
Sample ID: MB FB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.106	-0.106	-0.0002	0.0023	0.0004	12:07:53	No
2	-0.127	-0.127	-0.0003	0.0002	0.0003	12:08:28	No
Mean:	-0.117	-0.117	-0.0003				
SD :	0.0152	0.0152	0.0001				
%RSD:	13.0	13.0	37.3834				

Element: Hg Seq. No.: 56 AS Loc.: 35 Date: 08/04/2005
Sample ID: LCSW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.21	10.21	0.0634	0.2057	0.0640	12:09:28	No
2	10.24	10.24	0.0636	0.2061	0.0642	12:10:03	No
Mean:	10.22	10.22	0.0635				
SD :	0.0250	0.0250	0.0002				
%RSD:	0.2	0.2	0.2430				

Element: Hg Seq. No.: 57 AS Loc.: 8 Date: 08/04/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.30	10.30	0.0639	0.2065	0.0645	12:11:05	No
2	10.27	10.27	0.0637	0.2075	0.0643	12:11:40	No
Mean:	10.28	10.28	0.0638				
SD :	0.0236	0.0236	0.0001				
%RSD:	0.2	0.2	0.2275				

QC value within specified limits.

Element: Hg Seq. No.: 58 AS Loc.: 1 Date: 08/04/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.111	-0.111	-0.0002	-0.0009	0.0004	12:12:43	No
2	-0.091	-0.091	-0.0001	0.0010	0.0005	12:13:18	No
Mean:	-0.101	-0.101	-0.0002				
SD :	0.0144	0.0144	0.0001				
%RSD:	14.2	14.2	57.1821				

QC value within specified limits.

Data file: S6230B1 Batch 6230 (Soil)

Analyst Rev. Shiand RLC 8/4/05

Method: PE1 Radial IEC: 7705.IEC MSF:
Results: S6230B Spectra Stored: Yes Method Stored: Yes
Sample Info: s6230b User: User1 Date: 8/4/05 12:31:23 PM
Method Description: 200.7/SW846

2nd Rev: ABH 8/5/05

Mean Data
ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
Data: Original Date: 8/4/05 12:32:51 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	18.4	2.33	12.62%	0	mg/L
Ca 315.887	-32.6	2.42	7.41%	0	mg/L
Fe 273.955	5.4	0.81	15.02%	0	mg/L
Mg 279.079	4.6	0.56	12.23%	0	mg/L
K 766.491	416.0	34.99	8.41%	0	mg/L
Na 589.592	801.2	42.34	5.28%	0	mg/L
Ti 334.941	7.9	0.27	3.40%	0	mg/L
Mn 257.610	-18.6	4.21	22.70%	0	mg/L

Mean Data
ID: Calib Std 1 Seq. No.: 2 A/S Pos: 160
Data: Original Date: 8/4/05 12:35:50 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	59.3	4.10	6.92%	0.10	mg/L
Ca 315.887	1042.8	9.82	0.94%	1.0	mg/L
Fe 273.955	22.6	1.91	8.45%	0.10	mg/L
Mg 279.079	169.0	1.51	0.89%	1.0	mg/L
K 766.491	5003.0	38.56	0.77%	1.0	mg/L
Na 589.592	13342.4	43.72	0.33%	1.0	mg/L
Ti 334.941	281.4	0.83	0.29%	0.010	mg/L
Mn 257.610	34.9	0.01	0.03%	0.010	mg/L

Mean Data
ID: Calib Std 2 Seq. No.: 3 A/S Pos: 3
Data: Original Date: 8/4/05 12:38:51 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	1778.0	8.62	0.48%	5	mg/L
Ca 315.887	52477.6	220.67	0.42%	50	mg/L
Fe 273.955	779.4	0.75	0.10%	5	mg/L
Mg 279.079	7625.3	37.81	0.50%	50	mg/L
K 766.491	235859.8	901.80	0.38%	50	mg/L
Na 589.592	591852.5	2284.76	0.39%	50	mg/L
Ti 334.941	12893.9	22.98	0.18%	0.5	mg/L
Mn 257.610	2308.2	5.72	0.25%	0.5	mg/L

6230 earth elements were reported.

Mean Data
ID: Calib Std 3 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 8/4/05 12:41:53 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	3458.3	16.66	0.48%	10	mg/L
Ca 315.887	100477.3	456.64	0.45%	100	mg/L
Fe 273.955	1493.2	6.73	0.45%	10	mg/L
Mg 279.079	14647.7	13.03	0.09%	100	mg/L
K 766.491	464464.8	167.95	0.04%	100	mg/L
Na 589.592	1154768.7	425.56	0.04%	100	mg/L
Ti 334.941	25008.2	80.34	0.32%	1	mg/L
Mn 257.610	4446.3	10.53	0.24%	1	mg/L

Calibration Summary
Method: PE1 Radial Date: 8/4/05 12:42:29 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.

Al 308.215	3	Linear-thru-Zero	0.0	347.8	0.00000	0.999847
Ca 315.887	3	Linear-thru-Zero	0.0	1013.7	0.00000	0.999713
Fe 273.955	3	Linear-thru-Zero	0.0	150.6	0.00000	0.999702
Mg 279.079	3	Linear-thru-Zero	0.0	147.7	0.00000	0.999753
K 766.491	3	Linear-thru-Zero	0.0	4659.2	0.00000	0.999964
Na 589.592	3	Linear-thru-Zero	0.0	11605.7	0.00000	0.999907
Ti 334.941	3	Linear-thru-Zero	0.0	25164.4	0.00000	0.999858
Mn 257.610	3	Linear-thru-Zero	0.0	4480.3	0.00000	0.999785

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: 8/4/05 12:44:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	3486.7	10.0249	0.04338	mg/L				0.43%
Ca 315.887	100812.9	99.4473	0.49025	mg/L				0.49%
Fe 273.955	1503.2	9.97942	0.037397	mg/L				0.37%
Mg 279.079	14741.6	99.8184	0.61742	mg/L				0.62%
K 766.491	468401.7	100.533	0.3310	mg/L				0.33%
Na 589.592	1159329.1	99.8931	0.33896	mg/L				0.34%
Ti 334.941	25195.8	1.00125	0.002689	mg/L				0.27%
Mn 257.610	4488.4	1.00181	0.004930	mg/L				0.49%

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: 8/4/05 12:47:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	3478.8	10.0021	0.03182	mg/L				0.32%
Ca 315.887	99827.9	98.4757	1.33819	mg/L				1.36%
Fe 273.955	1494.8	9.92364	0.020271	mg/L				0.20%
Mg 279.079	14682.1	99.4152	0.33430	mg/L				0.34%
K 766.491	466628.8	100.152	1.3733	mg/L				1.37%
Na 589.592	1152347.1	99.2915	1.38611	mg/L				1.40%
Ti 334.941	25075.9	0.996484	0.0025744	mg/L				0.26%
Mn 257.610	4471.7	0.998096	0.0032868	mg/L				0.33%

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: 8/4/05 12:50:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	17.4	0.0500509	0.00718232	mg/L				14.35%
Ca 315.887	-38.4	-0.0378622	0.00370860	mg/L				9.79%
Fe 273.955	4.8	0.0317311	0.00971223	mg/L				30.61%
Mg 279.079	3.2	0.0213426	0.00292612	mg/L				13.71%
K 766.491	2853.1	0.612360	0.0211494	mg/L				3.45%
Na 589.592	2639.7	0.227446	0.0158047	mg/L				6.95%
Ti 334.941	11.6	0.0004601	0.00005018	mg/L				10.91%
Mn 257.610	-19.8	-0.0044198	0.00008592	mg/L				1.94%

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: 8/4/05 12:53:58 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	162660.9	467.682	5.5091	mg/L				1.18%
Ca 315.887	458596.1	452.384	4.7737	mg/L				1.06%
Fe 273.955	26826.1	178.088	2.0993	mg/L				1.18%
Mg 279.079	69516.0	470.707	4.9654	mg/L				1.05%
K 766.491	3243.2	0.696098	0.0098612	mg/L				1.42%
Na 589.592	3108.6	0.267849	0.0064940	mg/L				2.42%
Ti 334.941	-58.2	-0.0023146	0.00007669	mg/L				3.31%

Mn 257.610	-39.5	-0.0088247	0.00011710	mg/L	1.33%

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: 8/4/05 12:57:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	164176.6	472.040	2.6851	mg/L				0.57%
Ca 315.887	461129.3	454.883	1.2980	mg/L				0.29%
Fe 273.955	27105.9	179.945	0.9457	mg/L				0.53%
Mg 279.079	69864.6	473.067	0.7592	mg/L				0.16%
K 766.491	2466.1	0.529294	0.0060156	mg/L				1.14%
Na 589.592	2779.8	0.239523	0.0241613	mg/L				10.09%
Ti 334.941	-46.0	-0.0018274	0.00037010	mg/L				20.25%
Mn 257.610	2058.6	0.459478	0.0003917	mg/L				0.09%

Mean Data
ID: MB 6230 (100) Seq. No.: 10 Sample No.: 1 A/S Pos: 9
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:00:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	134.4	0.386311	0.0035692	mg/L	0.386311	0.0035692	mg/L	0.92%
Ca 315.887	269.9	0.266291	0.0026614	mg/L	0.266291	0.0026614	mg/L	1.00%
Fe 273.955	28.0	0.185641	0.0039702	mg/L	0.185641	0.0039702	mg/L	2.14%
Mg 279.079	10.9	0.0736373	0.00949206	mg/L	0.0736373	0.00949206	mg/L	12.89%
K 766.491	1036.0	0.222358	0.0134212	mg/L	0.222358	0.0134212	mg/L	6.04%
Na 589.592	2495.9	0.215057	0.0002496	mg/L	0.215057	0.0002496	mg/L	0.12%
Ti 334.941	20.9	0.0008291	0.00010323	mg/L	0.0008291	0.00010323	mg/L	12.45%
Mn 257.610	-14.4	-0.0032085	0.00004180	mg/L	-0.0032085	0.00004180	mg/L	1.30%

Mean Data
ID: LCS 100 Seq. No.: 11 Sample No.: 2 A/S Pos: 10
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:03:15 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	1775.4	5.10461	0.007091	mg/L	5.10461	0.007091	mg/L	0.14%
Ca 315.887	48705.8	48.0460	0.90278	mg/L	48.0460	0.90278	mg/L	1.88%
Fe 273.955	742.3	4.92757	0.013661	mg/L	4.92757	0.013661	mg/L	0.28%
Mg 279.079	7248.1	49.0781	0.04172	mg/L	49.0781	0.04172	mg/L	0.09%
K 766.491	222798.3	47.8192	0.69922	mg/L	47.8192	0.69922	mg/L	1.46%
Na 589.592	559443.6	48.2042	0.75052	mg/L	48.2042	0.75052	mg/L	1.56%
Ti 334.941	12161.8	0.483293	0.0005265	mg/L	0.483293	0.0005265	mg/L	0.11%
Mn 257.610	2206.4	0.492472	0.0003088	mg/L	0.492472	0.0003088	mg/L	0.06%

Mean Data
ID: LCS 100 MR Seq. No.: 12 Sample No.: 3 A/S Pos: 11
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:06:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Al 308.215	1731.1	4.97740	0.019157	mg/L	4.97740	0.019157	mg/L	0.38%
Ca 315.887	49380.5	48.7116	0.61719	mg/L	48.7116	0.61719	mg/L	1.27%
Fe 273.955	754.6	5.00925	0.007709	mg/L	5.00925	0.007709	mg/L	0.15%
Mg 279.079	7331.9	49.6454	0.15913	mg/L	49.6454	0.15913	mg/L	0.32%
K 766.491	226168.3	48.5425	0.53806	mg/L	48.5425	0.53806	mg/L	1.11%
Na 589.592	566492.3	48.8116	0.50078	mg/L	48.8116	0.50078	mg/L	1.03%
Ti 334.941	12320.4	0.489596	0.0001370	mg/L	0.489596	0.0001370	mg/L	0.03%
Mn 257.610	2239.9	0.499946	0.0005338	mg/L	0.499946	0.0005338	mg/L	0.11%

Mean Data
ID: 18853-004 Seq. No.: 13 Sample No.: 4 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:09:21 PM

Element	Mean Corr.	Mean		Calib	Mean		Sample	

Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev.	Units	RSD
Al 308.215	19374.8	55.7063	0.14746	mg/L	55.7063	0.14746	mg/L	0.26%
Ca 315.887	60403.2	59.5850	0.18676	mg/L	59.5850	0.18676	mg/L	0.31%
Fe 273.955	22089.2	146.642	0.1950	mg/L	146.642	0.1950	mg/L	0.13%
Mg 279.079	6970.1	47.1959	0.25973	mg/L	47.1959	0.25973	mg/L	0.55%
K 766.491	30096.9	6.45969	0.029015	mg/L	6.45969	0.029015	mg/L	0.45%
Na 589.592	19570.0	1.68624	0.000102	mg/L	1.68624	0.000102	mg/L	0.01%
Ti 334.941	43755.9	1.73880	0.002704	mg/L	1.73880	0.002704	mg/L	0.16%
Mn 257.610	11440.3	2.55349	0.001552	mg/L	2.55349	0.001552	mg/L	0.06%

Mean Data

ID: 18853-004 MR Seq. No.: 14 Sample No.: 5 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:11:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	19897.5	57.2092	0.42448	mg/L	57.2092	0.42448	mg/L	0.74%
Ca 315.887	40843.7	40.2905	0.16818	mg/L	40.2905	0.16818	mg/L	0.42%
Fe 273.955	21839.6	144.985	1.2369	mg/L	144.985	1.2369	mg/L	0.85%
Mg 279.079	5191.9	35.1553	0.24971	mg/L	35.1553	0.24971	mg/L	0.71%
K 766.491	31110.8	6.67731	0.045878	mg/L	6.67731	0.045878	mg/L	0.69%
Na 589.592	19151.9	1.65022	0.007451	mg/L	1.65022	0.007451	mg/L	0.45%
Ti 334.941	46459.9	1.84625	0.011308	mg/L	1.84625	0.011308	mg/L	0.61%
Mn 257.610	13316.9	2.97235	0.016839	mg/L	2.97235	0.016839	mg/L	0.57%

Mean Data

ID: 18853-004 MS 1 Seq. No.: 15 Sample No.: 6 A/S Pos: 14
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:14:34 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	23831.6	68.5205	0.91584	mg/L	68.5205	0.91584	mg/L	1.34%
Ca 315.887	289327.2	285.408	3.7395	mg/L	285.408	3.7395	mg/L	1.31%
Fe 273.955	22111.0	146.786	1.5395	mg/L	146.786	1.5395	mg/L	1.05%
Mg 279.079	29720.3	201.242	3.2148	mg/L	201.242	3.2148	mg/L	1.60%
K 766.491	254916.1	54.7126	0.74251	mg/L	54.7126	0.74251	mg/L	1.36%
Na 589.592	567968.8	48.9388	0.64464	mg/L	48.9388	0.64464	mg/L	1.32%
Ti 334.941	64257.4	2.55350	0.031746	mg/L	2.55350	0.031746	mg/L	1.24%
Mn 257.610	12768.6	2.84996	0.036467	mg/L	2.84996	0.036467	mg/L	1.28%

Mean Data

ID: 18853-004 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 15
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:17:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	26621.0	76.5408	0.03732	mg/L	76.5408	0.03732	mg/L	0.05%
Ca 315.887	83036.8	81.9120	0.35669	mg/L	81.9120	0.35669	mg/L	0.44%
Fe 273.955	21641.1	143.667	0.1091	mg/L	143.667	0.1091	mg/L	0.08%
Mg 279.079	11990.8	81.1919	0.15679	mg/L	81.1919	0.15679	mg/L	0.19%
K 766.491	252888.5	54.2774	0.21663	mg/L	54.2774	0.21663	mg/L	0.40%
Na 589.592	565590.7	48.7339	0.64014	mg/L	48.7339	0.64014	mg/L	1.31%
Ti 334.941	63577.1	2.52647	0.007476	mg/L	2.52647	0.007476	mg/L	0.30%
Mn 257.610	18323.6	4.08984	0.005078	mg/L	4.08984	0.005078	mg/L	0.12%

Mean Data

ID: 18853-004 PS Seq. No.: 17 Sample No.: 8 A/S Pos: 16
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:20:07 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	21062.4	60.5586	0.64138	mg/L	60.5586	0.64138	mg/L	1.06%
Ca 315.887	110020.8	108.530	0.8891	mg/L	108.530	0.8891	mg/L	0.82%
Fe 273.955	22411.3	148.780	1.1530	mg/L	148.780	1.1530	mg/L	0.77%
Mg 279.079	14492.7	98.1331	0.76770	mg/L	98.1331	0.76770	mg/L	0.78%
K 766.491	271968.3	58.3725	0.90318	mg/L	58.3725	0.90318	mg/L	1.55%
Na 589.592	621751.7	53.5730	0.84554	mg/L	53.5730	0.84554	mg/L	1.58%
Ti 334.941	56199.3	2.23329	0.013590	mg/L	2.23329	0.013590	mg/L	0.61%

Mn 257.610	13536.7	3.02140	0.030904	mg/L	3.02140	0.030904	mg/L	1.02%

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: 8/4/05 1:23:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	1838.9	5.28724	0.022536	mg/L				0.43%
Ca 315.887	51127.6	50.4351	0.08400	mg/L				0.17%
Fe 273.955	775.9	5.15079	0.041404	mg/L				0.80%
Mg 279.079	7581.5	51.3361	0.08257	mg/L				0.16%
K 766.491	237067.3	50.8817	0.10668	mg/L				0.21%
Na 589.592	596381.8	51.3870	0.07075	mg/L				0.14%
Ti 334.941	12754.6	0.506850	0.0008044	mg/L				0.16%
Mn 257.610	2312.9	0.516234	0.0000046	mg/L				0.00%

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: 8/4/05 1:26:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	17.3	0.0496513	0.01082830	mg/L				21.81%
Ca 315.887	-36.5	-0.0360316	0.00378516	mg/L				10.51%
Fe 273.955	4.7	0.0309226	0.00728360	mg/L				23.55%
Mg 279.079	4.5	0.0301595	0.00195750	mg/L				6.49%
K 766.491	1792.1	0.384635	0.0061553	mg/L				1.60%
Na 589.592	1784.7	0.153780	0.0009217	mg/L				0.60%
Ti 334.941	4.7	0.0001871	0.00004630	mg/L				24.75%
Mn 257.610	-18.8	-0.0041931	0.00036080	mg/L				8.60%

Mean Data
ID: 18855-001 Seq. No.: 20 Sample No.: 9 A/S Pos: 17
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:28:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	26076.3	74.9744	0.69140	mg/L	74.9744	0.69140	mg/L	0.92%
Ca 315.887	38302.7	37.7839	0.37008	mg/L	37.7839	0.37008	mg/L	0.98%
Fe 273.955	20564.8	136.522	0.9129	mg/L	136.522	0.9129	mg/L	0.67%
Mg 279.079	2865.0	19.3993	0.25164	mg/L	19.3993	0.25164	mg/L	1.30%
K 766.491	45132.9	9.68687	0.034888	mg/L	9.68687	0.034888	mg/L	0.36%
Na 589.592	24184.2	2.08382	0.012161	mg/L	2.08382	0.012161	mg/L	0.58%
Ti 334.941	58886.0	2.34005	0.022586	mg/L	2.34005	0.022586	mg/L	0.97%
Mn 257.610	9590.8	2.14067	0.021172	mg/L	2.14067	0.021172	mg/L	0.99%

Mean Data
ID: 18855-001 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 18
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:31:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	5184.2	14.9055	0.07237	mg/L	14.9055	0.07237	mg/L	0.49%
Ca 315.887	7648.1	7.54449	0.003097	mg/L	7.54449	0.003097	mg/L	0.04%
Fe 273.955	4152.9	27.5693	0.07282	mg/L	27.5693	0.07282	mg/L	0.26%
Mg 279.079	583.4	3.95052	0.024842	mg/L	3.95052	0.024842	mg/L	0.63%
K 766.491	9657.2	2.07272	0.011933	mg/L	2.07272	0.011933	mg/L	0.58%
Na 589.592	5748.4	0.495311	0.0009095	mg/L	0.495311	0.0009095	mg/L	0.18%
Ti 334.941	11742.3	0.466625	0.0009978	mg/L	0.466625	0.0009978	mg/L	0.21%
Mn 257.610	1914.8	0.427379	0.0022074	mg/L	0.427379	0.0022074	mg/L	0.52%

Mean Data
ID: 18855-002 Seq. No.: 22 Sample No.: 11 A/S Pos: 19
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:34:58 PM

Element	Mean Corr.	Mean	Calib	Mean	Sample

Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev.	Units	RSD
Al 308.215	11710.9	33.6711	0.08833	mg/L	33.6711	0.08833	mg/L	0.26%
Ca 315.887	301964.5	297.874	2.3597	mg/L	297.874	2.3597	mg/L	0.79%
Fe 273.955	15691.3	104.168	0.1359	mg/L	104.168	0.1359	mg/L	0.13%
Mg 279.079	4565.1	30.9111	0.06278	mg/L	30.9111	0.06278	mg/L	0.20%
K 766.491	22209.6	4.76683	0.012531	mg/L	4.76683	0.012531	mg/L	0.26%
Na 589.592	28636.3	2.46743	0.015433	mg/L	2.46743	0.015433	mg/L	0.63%
Ti 334.941	33746.3	1.34103	0.001758	mg/L	1.34103	0.001758	mg/L	0.13%
Mn 257.610	8915.5	1.98995	0.000168	mg/L	1.98995	0.000168	mg/L	0.01%

Mean Data ----------

ID: 18855-003 Seq. No.: 23 Sample No.: 12 A/S Pos: 20
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:37:46 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	6352.6	18.2651	0.08012	mg/L	18.2651	0.08012	mg/L	0.44%
Ca 315.887	965535.3	952.457	6.9253	mg/L	952.457	6.9253	mg/L	0.73%
Fe 273.955	23397.8	155.329	0.8241	mg/L	155.329	0.8241	mg/L	0.53%
Mg 279.079	76914.5	520.803	0.5401	mg/L	520.803	0.5401	mg/L	0.10%
K 766.491	17028.7	3.65487	0.013063	mg/L	3.65487	0.013063	mg/L	0.36%
Na 589.592	24751.0	2.13266	0.002094	mg/L	2.13266	0.002094	mg/L	0.10%
Ti 334.941	18244.6	0.725017	0.0012370	mg/L	0.725017	0.0012370	mg/L	0.17%
Mn 257.610	9441.6	2.10737	0.014640	mg/L	2.10737	0.014640	mg/L	0.69%

Mean Data ----------

ID: 18855-004 Seq. No.: 24 Sample No.: 13 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:40:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	7981.7	22.9489	0.14665	mg/L	22.9489	0.14665	mg/L	0.64%
Ca 315.887	173686.9	171.334	3.3699	mg/L	171.334	3.3699	mg/L	1.97%
Fe 273.955	7699.4	51.1135	0.26101	mg/L	51.1135	0.26101	mg/L	0.51%
Mg 279.079	2814.3	19.0559	0.10841	mg/L	19.0559	0.10841	mg/L	0.57%
K 766.491	20216.4	4.33904	0.034807	mg/L	4.33904	0.034807	mg/L	0.80%
Na 589.592	15607.8	1.34484	0.010140	mg/L	1.34484	0.010140	mg/L	0.75%
Ti 334.941	24400.9	0.969659	0.0081440	mg/L	0.969659	0.0081440	mg/L	0.84%
Mn 257.610	6030.1	1.34592	0.005034	mg/L	1.34592	0.005034	mg/L	0.37%

Mean Data ----------

ID: 18853-001 Seq. No.: 25 Sample No.: 14 A/S Pos: 27
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:43:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	19576.4	56.2860	0.16980	mg/L	56.2860	0.16980	mg/L	0.30%
Ca 315.887	41888.5	41.3211	0.11938	mg/L	41.3211	0.11938	mg/L	0.29%
Fe 273.955	23753.0	157.687	0.1746	mg/L	157.687	0.1746	mg/L	0.11%
Mg 279.079	8160.4	55.2559	0.14554	mg/L	55.2559	0.14554	mg/L	0.26%
K 766.491	31671.9	6.79774	0.028709	mg/L	6.79774	0.028709	mg/L	0.42%
Na 589.592	19571.5	1.68637	0.005775	mg/L	1.68637	0.005775	mg/L	0.34%
Ti 334.941	52041.2	2.06805	0.005558	mg/L	2.06805	0.005558	mg/L	0.27%
Mn 257.610	16343.2	3.64782	0.017490	mg/L	3.64782	0.017490	mg/L	0.48%

Mean Data ----------

ID: 18853-002 Seq. No.: 26 Sample No.: 15 A/S Pos: 28
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:45:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Al 308.215	18528.1	53.2718	0.22629	mg/L	53.2718	0.22629	mg/L	0.42%
Ca 315.887	29393.1	28.9950	0.01813	mg/L	28.9950	0.01813	mg/L	0.06%
Fe 273.955	21096.6	140.052	0.5136	mg/L	140.052	0.5136	mg/L	0.37%
Mg 279.079	4972.9	33.6722	0.07040	mg/L	33.6722	0.07040	mg/L	0.21%
K 766.491	26539.5	5.69617	0.011302	mg/L	5.69617	0.011302	mg/L	0.20%
Na 589.592	17265.5	1.48767	0.003709	mg/L	1.48767	0.003709	mg/L	0.25%
Ti 334.941	47120.8	1.87252	0.010060	mg/L	1.87252	0.010060	mg/L	0.54%

Mn 257.610	12488.5	2.78744	0.001696	mg/L	2.78744	0.001696	mg/L	0.06%

Mean Data ----------
ID: 18853-003 Seq. No.: 27 Sample No.: 16 A/S Pos: 29
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/4/05 1:48:19 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	20023.2	57.5707	0.68121	mg/L	57.5707	0.68121	mg/L	1.18%
Ca 315.887	44374.6	43.7735	0.35440	mg/L	43.7735	0.35440	mg/L	0.81%
Fe 273.955	20367.1	135.209	1.2714	mg/L	135.209	1.2714	mg/L	0.94%
Mg 279.079	5008.8	33.9153	0.24822	mg/L	33.9153	0.24822	mg/L	0.73%
K 766.491	26258.8	5.63593	0.026179	mg/L	5.63593	0.026179	mg/L	0.46%
Na 589.592	20432.2	1.76053	0.020145	mg/L	1.76053	0.020145	mg/L	1.14%
Ti 334.941	47378.5	1.88276	0.014462	mg/L	1.88276	0.014462	mg/L	0.77%
Mn 257.610	12035.0	2.68623	0.019967	mg/L	2.68623	0.019967	mg/L	0.74%

Mean Data ----------
ID: ICSA V-4505 Seq. No.: 28 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: 8/4/05 1:51:15 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	164409.6	472.710	6.2708	mg/L				1.33%
Ca 315.887	457502.3	451.305	5.1020	mg/L				1.13%
Fe 273.955	27093.4	179.862	2.1546	mg/L				1.20%
Mg 279.079	69410.0	469.989	5.0311	mg/L				1.07%
K 766.491	1107.5	0.237709	0.0096733	mg/L				4.07%
Na 589.592	1960.6	0.168933	0.0001466	mg/L				0.09%
Ti 334.941	-61.5	-0.0024457	0.00044166	mg/L				18.06%
Mn 257.610	-40.8	-0.0091036	0.00013825	mg/L				1.52%

Mean Data ----------
ID: ICSAB V-4506 Seq. No.: 29 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: 8/4/05 1:54:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	164522.4	473.035	9.7533	mg/L				2.06%
Ca 315.887	457716.5	451.516	8.0239	mg/L				1.78%
Fe 273.955	27105.2	179.941	3.6516	mg/L				2.03%
Mg 279.079	69445.2	470.227	8.0808	mg/L				1.72%
K 766.491	958.1	0.205629	0.0241883	mg/L				11.76%
Na 589.592	1918.3	0.165289	0.0000736	mg/L				0.04%
Ti 334.941	-59.3	-0.0023557	0.00039117	mg/L				16.61%
Mn 257.610	2055.5	0.458783	0.0010320	mg/L				0.22%

Mean Data ----------
ID: CCV V-4510 Seq. No.: 30 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: 8/4/05 1:57:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Al 308.215	1852.2	5.32544	0.022550	mg/L				0.42%
Ca 315.887	50870.6	50.1816	0.19463	mg/L				0.39%
Fe 273.955	779.0	5.17159	0.030342	mg/L				0.59%
Mg 279.079	7599.4	51.4571	0.05319	mg/L				0.10%
K 766.491	234612.3	50.3548	0.01062	mg/L				0.02%
Na 589.592	591992.5	51.0088	0.04875	mg/L				0.10%
Ti 334.941	12761.3	0.507117	0.0011054	mg/L				0.22%
Mn 257.610	2314.7	0.516651	0.0004218	mg/L				0.08%

Mean Data ----------
ID: CCB Seq. No.: 31 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: 8/4/05 2:00:21 PM

Element	Mean Corr.	Mean	Calib		Mean	Sample		

Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev.	Units	RSD
Al 308.215	18.2	0.0524004	0.00167568	mg/L				3.20%
Ca 315.887	-34.3	-0.0337875	0.00328229	mg/L				9.71%
Fe 273.955	5.7	0.0376913	0.00431365	mg/L				11.44%
Mg 279.079	5.3	0.0356671	0.01587800	mg/L				44.52%
K 766.491	1010.8	0.216938	0.0046670	mg/L				2.15%
Na 589.592	1256.8	0.108291	0.0044721	mg/L				4.13%
Ti 334.941	6.8	0.0002683	0.00020498	mg/L				76.41%
Mn 257.610	-21.1	-0.0047087	0.00013939	mg/L				2.96%

1st Rv/Analyst 8/4/05 V-5392

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

Shivani M 8/4/05

Date: 08/04/2005
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6230S.SIF Results Data Set Name: H6230S

Element: Hg Seq. No.: 91 AS Loc.: 1 Date: 08/04/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0003	0.0002	0.0003	01:41:18	No
2			0.0005	0.0031	0.0005	01:41:53	No
Mean:			0.0004				
SD :			0.0001				
%RSD:			22.1900				

Auto-zero performed.

Element: Hg Seq. No.: 92 AS Loc.: 2 Date: 08/04/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0033	0.0126	0.0037	01:42:54	No
2			0.0032	0.0109	0.0036	01:43:29	No
Mean:			0.0032				
SD :			0.0001				
%RSD:			2.4618				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00646
Intercept : 0.00000

Element: Hg Seq. No.: 93 AS Loc.: 3 Date: 08/04/2005
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0068	0.0233	0.0072	01:44:30	No
2			0.0068	0.0232	0.0072	01:45:05	No
Mean:			0.0068				
SD :			0.0000				
%RSD:			0.5395				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99960 Slope: 0.00679
Intercept : -0.00006

Element: Hg Seq. No.: 94 AS Loc.: 4 Date: 08/04/2005
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0134	0.0426	0.0138	01:46:06	No
2			0.0137	0.0476	0.0141	01:46:41	No
Mean:			0.0136				
SD :			0.0002				
%RSD:			1.6598				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99991 Slope: 0.00681

Intercept : -0.00006

Element: Hg Seq. No.: 95 AS Loc.: 5 Date: 08/04/2005
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0340	0.1140	0.0344	01:47:42	No
2			0.0340	0.1124	0.0344	01:48:17	No
Mean:			0.0340				
SD :			0.0000				
%RSD:							

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99999 Slope: 0.00681
Intercept : -0.00007

Element: Hg Seq. No.: 96 AS Loc.: 6 Date: 08/04/2005
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0677	0.2235	0.0681	01:49:18	No
2			0.0673	0.2239	0.0677	01:49:53	No
Mean:			0.0675				
SD :			0.0003				
%RSD:			0.4286				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99999 Slope: 0.00676
Intercept : 0.00000

Element: Hg Seq. No.: 97 AS Loc.: 7 Date: 08/04/2005
Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1641	0.5439	0.1645	01:50:54	No
2			0.1627	0.5400	0.1631	01:51:29	No
Mean:			0.1634				
SD :			0.0010				
%RSD:			0.6183				

[Hg] Standard number 6 applied. [25.00]
Correlation Coefficient: 0.99990 Slope: 0.00654
Intercept : 0.00056

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	0.0032	0.500	0.409	0.0001	2.5
1.0 PPB	0.0068	1.000	0.953	0.0000	0.5
2.0 PPB	0.0136	2.000	1.987	0.0002	1.7
5.0 PPB	0.0340	5.000	5.112	0.0000	----
10.0 PPB	0.0675	10.000	10.24	0.0003	0.4
25.0 PPB	0.1634	25.000	24.89	0.0010	0.6

Correlation Coefficient: 0.99990 Slope: 0.00654 Intercept: 0.0006

Element: Hg Seq. No.: 98 AS Loc.: 9 Date: 08/04/2005
Sample ID: ICV 1183 (2)

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

1	21.18	21.18	0.1391	0.4574	0.1395	01:52:33	No
2	21.17	21.17	0.1391	0.4600	0.1395	01:53:08	No
Mean:	21.18	21.18	0.1391				
SD :	0.0078	0.0078	0.0001				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 99 AS Loc.: 1 Date: 08/04/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.098	-0.098	-0.0001	0.0000	0.0003	01:54:09	No
2	-0.107	-0.107	-0.0001	-0.0006	0.0002	01:54:44	No
Mean:	-0.103	-0.103	-0.0001				
SD :	0.0063	0.0063	0.0000				
%RSD:	6.1	6.1	35.8007				

QC value within specified limits.

Element: Hg Seq. No.: 100 AS Loc.: 36 Date: 08/04/2005
Sample ID: MB 6230 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.082	-0.082	0.0000	0.0022	0.0004	01:55:49	No
2	-0.106	-0.106	-0.0001	0.0006	0.0003	01:56:24	No
Mean:	-0.094	-0.094	-0.0001				
SD :	0.0174	0.0174	0.0001				
%RSD:	18.5	18.5	196.5920				

Element: Hg Seq. No.: 101 AS Loc.: 37 Date: 08/04/2005
Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.22	10.22	0.0674	0.2227	0.0678	01:57:24	No
2	10.13	10.13	0.0668	0.2219	0.0672	01:57:59	No
Mean:	10.17	10.17	0.0671				
SD :	0.0649	0.0649	0.0004				
%RSD:	0.6	0.6	0.6326				

Element: Hg Seq. No.: 102 AS Loc.: 38 Date: 08/04/2005
Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.25	10.25	0.0676	0.2189	0.0680	01:59:03	No
2	10.20	10.20	0.0673	0.2208	0.0677	01:59:38	No
Mean:	10.22	10.22	0.0674				
SD :	0.0363	0.0363	0.0002				
%RSD:	0.4	0.4	0.3519				

Element: Hg Seq. No.: 103 AS Loc.: 39 Date: 08/04/2005
Sample ID: 18853-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.568	0.568	0.0043	0.0164	0.0047	02:00:38	No
2	0.537	0.537	0.0041	0.0147	0.0045	02:01:13	No
Mean:	0.552	0.552	0.0042				
SD :	0.0219	0.0219	0.0001				
%RSD:	4.0	4.0	3.4400				

Element: Hg Seq. No.: 104 AS Loc.: 40 Date: 08/04/2005
Sample ID: 18853-004 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.670	0.670	0.0049	0.0159	0.0053	02:02:14	No
2	0.698	0.698	0.0051	0.0194	0.0055	02:02:49	No
Mean:	0.684	0.684	0.0050				
SD :	0.0195	0.0195	0.0001				
%RSD:	2.8	2.8	2.5307				

Element: Hg Seq. No.: 105 AS Loc.: 41 Date: 08/04/2005
Sample ID: 18853-004 MS 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.84	10.84	0.0715	0.2341	0.0719	02:03:49	No
2	10.79	10.79	0.0712	0.2365	0.0716	02:04:24	No
Mean:	10.82	10.82	0.0713				
SD :	0.0354	0.0354	0.0002				
%RSD:	0.3	0.3	0.3250				

Element: Hg Seq. No.: 106 AS Loc.: 42 Date: 08/04/2005
Sample ID: 18853-004 MS 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.95	10.95	0.0722	0.2373	0.0726	02:05:24	No
2	10.96	10.96	0.0723	0.2370	0.0726	02:05:59	No
Mean:	10.95	10.95	0.0722				
SD :	0.0037	0.0037	0.0000				
%RSD:							

Element: Hg Seq. No.: 107 AS Loc.: 43 Date: 08/04/2005
Sample ID: 18855-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.796	2.796	0.0189	0.0620	0.0192	02:07:00	No
2	2.792	2.792	0.0188	0.0629	0.0192	02:07:35	No
Mean:	2.794	2.794	0.0188				
SD :	0.0029	0.0029	0.0000				
%RSD:	0.1	0.1	0.1018				

Element: Hg Seq. No.: 108 AS Loc.: 44 Date: 08/04/2005
Sample ID: 18855-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.227	3.227	0.0217	0.0708	0.0221	02:08:36	No
2	3.247	3.247	0.0218	0.0708	0.0222	02:09:11	No
Mean:	3.237	3.237	0.0217				
SD :	0.0142	0.0142	0.0001				
%RSD:	0.4	0.4	0.4269				

Element: Hg Seq. No.: 109 AS Loc.: 45 Date: 08/04/2005
Sample ID: 18855-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	18.52	18.52	0.1217	0.4026	0.1221	02:10:11	No
2	18.43	18.43	0.1212	0.4004	0.1216	02:10:46	No

Mean:	18.48	18.48	0.1214
SD :	0.0591	0.0591	0.0004
%RSD:	0.3	0.3	0.3184

Element: Hg Seq. No.: 110 AS Loc.: 8 Date: 08/04/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.27	10.27	0.0677	0.2250	0.0681	02:11:49	No
2	10.37	10.37	0.0684	0.2256	0.0688	02:12:24	No
Mean:	10.32	10.32	0.0681				
SD :	0.0706	0.0706	0.0005				
%RSD:	0.7	0.7	0.6783				

QC value within specified limits.

Element: Hg Seq. No.: 111 AS Loc.: 1 Date: 08/04/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.093	-0.093	-0.0001	0.0003	0.0003	02:13:27	No
2	-0.105	-0.105	-0.0001	-0.0007	0.0003	02:14:02	No
Mean:	-0.099	-0.099	-0.0001				
SD :	0.0085	0.0085	0.0001				
%RSD:	8.6	8.6	61.8124				

QC value within specified limits.

Element: Hg Seq. No.: 112 AS Loc.: 46 Date: 08/04/2005
Sample ID: 18855-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.703	3.703	0.0248	0.0796	0.0252	02:15:07	No
2	3.754	3.754	0.0251	0.0832	0.0255	02:15:42	No
Mean:	3.729	3.729	0.0250				
SD :	0.0362	0.0362	0.0002				
%RSD:	1.0	1.0	0.9482				

Element: Hg Seq. No.: 113 AS Loc.: 47 Date: 08/04/2005
Sample ID: 18807-021

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.146	0.146	0.0015	0.0071	0.0019	02:16:45	No
2	0.145	0.145	0.0015	0.0066	0.0019	02:17:20	No
Mean:	0.146	0.146	0.0015				
SD :	0.0003	0.0003	0.0000				
%RSD:	0.2	0.2	0.1183				

Element: Hg Seq. No.: 114 AS Loc.: 48 Date: 08/04/2005
Sample ID: 18807-022

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.327	0.327	0.0027	0.0083	0.0031	02:18:21	No
2	0.339	0.339	0.0028	0.0101	0.0032	02:18:56	No
Mean:	0.333	0.333	0.0027				
SD :	0.0085	0.0085	0.0001				
%RSD:	2.6	2.6	2.0374				

Element: Hg Seq. No.: 115 AS Loc.: 49 Date: 08/04/2005

Sample ID: 18807-023

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.001	9.001	0.0594	0.1978	0.0598	02:19:56	No
2	9.007	9.007	0.0595	0.1955	0.0599	02:20:31	No
Mean:	9.004	9.004	0.0595				
SD :	0.0043	0.0043	0.0000				
%RSD:							

Element: Hg Seq. No.: 116 AS Loc.: 50 Date: 08/04/2005
Sample ID: 18807-024

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.543	0.543	0.0041	0.0154	0.0045	02:21:31	No
2	0.524	0.524	0.0040	0.0140	0.0044	02:22:06	No
Mean:	0.533	0.533	0.0040				
SD :	0.0131	0.0131	0.0001				
%RSD:	2.4	2.4	2.1109				

Element: Hg Seq. No.: 117 AS Loc.: 51 Date: 08/04/2005
Sample ID: 18807-025

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	0.0005	0.0021	0.0009	02:23:06	No
2	-0.029	-0.029	0.0004	0.0004	0.0008	02:23:41	No
Mean:	-0.018	-0.018	0.0004				
SD :	0.0152	0.0152	0.0001				
%RSD:	84.9	84.9	22.6515				

Element: Hg Seq. No.: 118 AS Loc.: 52 Date: 08/04/2005
Sample ID: 18853-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.573	0.573	0.0043	0.0161	0.0047	02:24:42	No
2	0.554	0.554	0.0042	0.0141	0.0046	02:25:17	No
Mean:	0.563	0.563	0.0042				
SD :	0.0139	0.0139	0.0001				
%RSD:	2.5	2.5	2.1431				

Element: Hg Seq. No.: 119 AS Loc.: 53 Date: 08/04/2005
Sample ID: 18853-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.727	0.727	0.0053	0.0183	0.0057	02:26:18	No
2	0.710	0.710	0.0052	0.0169	0.0056	02:26:53	No
Mean:	0.719	0.719	0.0053				
SD :	0.0120	0.0120	0.0001				
%RSD:	1.7	1.7	1.4908				

Element: Hg Seq. No.: 120 AS Loc.: 54 Date: 08/04/2005
Sample ID: 18853-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.640	0.640	0.0047	0.0170	0.0051	02:27:53	No
2	0.635	0.635	0.0047	0.0163	0.0051	02:28:28	No
Mean:	0.637	0.637	0.0047				
SD :	0.0035	0.0035	0.0000				

%RSD: 0.5 0.5 0.4850

Element: Hg Seq. No.: 121 AS Loc.: 8 Date: 08/04/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.35	10.35	0.0683	0.2232	0.0687	02:29:31	No
2	10.26	10.26	0.0677	0.2227	0.0681	02:30:06	No
Mean:	10.31	10.31	0.0680				
SD :	0.0639	0.0639	0.0004				
%RSD:	0.6	0.6	0.6151				

QC value within specified limits.

Element: Hg Seq. No.: 122 AS Loc.: 1 Date: 08/04/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	0.0000	0.0029	0.0004	02:31:09	No
2	-0.085	-0.085	0.0000	0.0019	0.0004	02:31:44	No
Mean:	-0.082	-0.082	0.0000				
SD :	0.0038	0.0038	0.0000				
%RSD:	4.6	4.6	119.5269				

QC value within specified limits.

Metal Data
Digestion Logbook Data

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) **EPA 600** **OTHER**_____

Batch No.: 6229
Matrix: Soil

Analyst: JM
Prep Date: 8/2/05
Reviewed By:

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50mL	50mL	--	--	
LCS	.5g		--	--	
LCSD			--	--	
1. 18807-009					
DUP 18807-009			--	--	
MS 18807-011			--	--	
MSD 18807-012					
2. 18807-013					
3. 18807-014					
4. 18807-015					
5. 18807-016					
6. 18807-017					
7. 18807-018					
8. 18807-019					
9. 18807-020					
10. 18807-001					
11. 18807-002					
12. 18807-003					
13. 18807-004					
14. 18807-005					
15. 18807-006					
16. 18807-007	50mL	50mL			
17. 18807-008	.5g				
18. 18807-010					
19. ~~18807~~ JM 8/2/05 MBFB	50mL	50mL			
20. ~~18807~~ JM 8/2/05 LCSD					

Hot Plate Temperature: 95° C

Spike Volume & Lot #
.5g of 704
.5mL of 1237
.5mL of 1238

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1142
H_2O_2	Baker	1141

Acid	Manufacturer	Lot #:
1:1 HNO_3	Baker	V-4503
1:1 HCl	Baker	V-

Relinquished By: [signature] Date 8/2/05
Received By: [signature] Date 8/2/05

T:\QAQC\Doc\Forms\Metalpre.doc

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) EPA 600 OTHER_____

Batch No.: 6229
Matrix: Soil
Analyst: JM
Prep Date: 8/2/05
Review By: JB 8/2/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25mL	25mL	
LCS	.15g		
LCSD			
1. 13807 - 009			
DUP 13807 - 009			
MS 13807 - 011			
MSD 13807 - 012			
2. 13807 - 013			
3. 13807 - 014			
4. 13807 - 015			
5. 13807 - 016			
6. 13807 - 017			
7. 13807 - 018			
8. 13807 - 019			
9. 13807 - 020			
10. 13807 - 001			
11. 13807 - 002			
12. 13807 - 003			
13. 13807 - 004			
14. 13807 - 005			
15. 13807 - 006			
16. 13807 - 007	25mL	25mL	
17. 13807 - 008	.15g		
18. 13807 - 010			
19. MB FB	25mL	25mL	
20. LCSD			
$KmnO_4$: V-2607			Block Temp.: 95° C
$K_2S_2O_8$:			Time In Block: 1200
NH_2OH: V-4514			Time Out of Block: 1330

Spike Volume & Lot #

☐ LCS	704	0.15g
☐ MS	V-5281	0.250 ml
☐ Standards/Control Batch	B-554	

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1142
H_2SO_4	Baker	

Relinquished By: [signature] 8/2/05
Received By: [signature] 8/2/05

00 040

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) **EPA 600** **OTHER**_____

Batch No.: 6230
Matrix: 50:1

Analyst: JM
Prep Date: 8/2/05
Reviewed By: [illegible] 8/2/05

LAB ID#	ICP				COMMENTS
	INITIAL	FINAL	EF#	TCLP SPK	
Method blank	100mL	100mL	--	--	
LCS	1g	↓	--	--	
LCSD	↓	↓	--	--	
1. 18853-004	↓	↓			
DUP 18853-004	↓	↓	--	--	
MS 18853-004	↓	↓	--	--	
MSD 18853-004	↓	↓			
2. 18855-001	.5g	50mL			
3. 18855-002	↓	↓			
4. 18855-003	↓	↓			
5. 18855-004	↓	↓			
6. 18807-021	↓	↓			
7. 18807-022	↓	↓			
8. 18807-023	↓	↓			
9. 18807-024	↓	↓			
10. 18807-025	↓	↓			
11. 18853-001	↓	↓			
12. 18853-002	↓	↓			
13. 18853-003	↓	↓			
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Hot Plate Temperature: 95° C

Spike Volume & Lot #
1g of 704
1mL of 1237
1ml of 1238

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1142
H_2O_2	Baker	1141

Acid	Manufacturer	Lot #:
1:1 HNO_3	Baker	V-4503
1:1 HCl	Baker	V-

Relinquished By [signature] Date 8/2/05
Received By [signature] Date 8/2/05

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) **EPA 600** **OTHER**_____

Batch No.: 6230 Analyst: JM

Matrix: SOIL Prep Date: 8/2/05

Review By: B 8/3/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25 mL	25 mL	
LCS	.15g		
LCSD			
1. 18853 - 004			
DUP 18853 - 004			
MS 18853 - 004			
MSD 18853 - 004			
2. 18855 - 001			
3. 18855 - 002			
4. 18855 - 003			
5. 18855 - 004			
6. 18807 - 021			
7. 18807 - 022			
8. 18807 - 023			
9. 18807 - 024			
10. 18807 - 025			
11. 18853 - 001			
12. 18853 - 002			
13. 18853 - 003			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
$KmnO_4$: V-2627			Block Temp.: 95° C
$K_2S_2O_8$:			Time In Block: 1000
NH_2OH: V-4514			Time Out of Block: 1030

Spike Volume & Lot #

☐ ~~LCS~~	704	0.15g
☐ MS	V-5281	0.250 ml
☐ Standards/Control Batch	B-554	

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1147
H_2SO_4	Baker	

Relinquished By: 8/2/05

Received By: 8/2/05

00 038

Wet Chemistry Data

Veritech Wet Chem Form 1 Summary

Lab #: AC18807-001

Lab #: AC18807-001 | Sample Matrix: Soil/Encore
Sample ID: PCSB-39(0.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	77	Percent		1	8/1/05

Lab #: AC18807-002 | Sample Matrix: Soil/Encore
Sample ID: PCSB-39(4.0) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	89	Percent		1	8/1/05

Lab #: AC18807-003 | Sample Matrix: Soil/Encore
Sample ID: PCSB-39(11.0) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	63	Percent		1	8/1/05

Lab #: AC18807-004 | Sample Matrix: Soil/Encore
Sample ID: PCSB-46(0.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	88	Percent		1	8/1/05

Lab #: AC18807-005 | Sample Matrix: Soil/Encore
Sample ID: PCSB-46(4.0) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	89	Percent		1	8/1/05

Lab #: AC18807-006 | Sample Matrix: Soil/Encore
Sample ID: PCSB-46(13.0 | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	59	Percent		1	8/1/05

Lab #: AC18807-008 | Sample Matrix: Soil/Encore
Sample ID: PCSB-40(0.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	75	Percent		1	8/1/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18807-009

Lab #:	AC18807-009	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-40(4.0)	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	75	Percent		1	8/1/05

Lab #:	AC18807-010	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-240(4.0)	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	75	Percent		1	8/1/05

Lab #:	AC18807-011	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-40(4')MS	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	79	Percent		1	8/1/05

Lab #:	AC18807-012	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-40(4')MSD	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	78	Percent		1	8/1/05

Lab #:	AC18807-013	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-40(10.5')	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	63	Percent		1	8/1/05

Lab #:	AC18807-014	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-31(0.5)	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	72	Percent		1	8/1/05

Lab #:	AC18807-015	Sample Matrix:	Soil/Encore
Sample ID:	PCSB-31(3.5)	Date Received:	7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	74	Percent		1	8/1/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18807-016

Lab #: AC18807-016 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-31(10.5) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	65	Percent		1	8/1/05

Lab #: AC18807-017 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-32(0.5) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	75	Percent		1	8/1/05

Lab #: AC18807-018 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-32(3.5) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	93	Percent		1	8/1/05

Lab #: AC18807-019 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-32(11.5) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	50	Percent		1	8/1/05

Lab #: AC18807-020 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-33(0.5) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	80	Percent		1	8/1/05

Lab #: AC18807-021 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-33(4.0) | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	94	Percent		1	8/1/05

Lab #: AC18807-022 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-33(11.5 | **Date Received:** 7/28/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	66	Percent		1	8/1/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18807-023

Lab #: AC18807-023 | Sample Matrix: Soil/Encore

Sample ID: PCSB-41(0.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	92	Percent		1	8/1/05

Lab #: AC18807-024 | Sample Matrix: Soil/Encore

Sample ID: PCSB-41(3.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	81	Percent		1	8/1/05

Lab #: AC18807-025 | Sample Matrix: Soil/Encore

Sample ID: PCSB-41(9.5) | Date Received: 7/28/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	68	Percent		1	8/1/05

Analysis Type: SOLIDS
Batch Number: SOLIDS-3037
Cal Curve Date:
Units: Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC18807-001	NA	NA	20	75.42373	NA	1.4	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18807-001	DUP		75		100	75.424	1	12.8	9.9			08/01/05	dh
AC18807-001	Sample		77		100	76.522	1	12.5	9.8			08/01/05	dh
AC18807-002	Sample		89		100	89.189	1	12.1	10.9			08/01/05	dh
AC18807-003	Sample		63		100	63.393	1	12.2	8.1			08/01/05	dh
AC18807-004	Sample		88		100	88.034	1	12.7	11.3			08/01/05	dh
AC18807-005	Sample		89		100	89.189	1	12.1	10.9			08/01/05	dh
AC18807-006	Sample		59		100	58.621	1	12.6	7.8			08/01/05	dh
AC18807-008	Sample		75		100	74.561	1	12.4	9.5			08/01/05	dh
AC18807-009	Sample		75		100	74.775	1	12.1	9.3			08/01/05	dh
AC18807-010	Sample		75		100	75.221	1	12.3	9.5			08/01/05	dh
AC18807-011	Sample		79		100	78.761	1	12.3	9.9			08/01/05	dh
AC18807-012	Sample		78		100	77.876	1	12.3	9.8			08/01/05	dh
AC18807-013	Sample		63		100	63.158	1	12.4	8.2			08/01/05	dh
AC18807-014	Sample		72		100	71.818	1	12.0	8.9			08/01/05	dh
AC18807-015	Sample		74		100	74.138	1	12.6	9.6			08/01/05	dh
AC18807-016	Sample		65		100	65.455	1	12.0	8.2			08/01/05	dh
AC18807-017	Sample		75		100	75	1	12.2	9.4			08/01/05	dh
AC18807-018	Sample		93		100	93.103	1	12.6	11.8			08/01/05	dh
AC18807-019	Sample		50		100	49.573	1	12.7	6.8			08/01/05	dh
AC18807-020	Sample		80		100	80	1	12.0	9.8			08/01/05	dh
AC18807-021	Sample		94		100	93.913	1	12.5	11.8			08/01/05	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-3038
Cal Curve Date:
Units: Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC18807-022	NA	NA	20	65.76576	NA	0	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18807-022	DUP		66		100	65.766	1	12.1	8.3			08/01/05	dh
AC18807-022	Sample		66		100	65.766	1	12.1	8.3			08/01/05	dh
AC18807-023	Sample		92		100	92.373	1	12.8	11.9			08/01/05	dh
AC18807-024	Sample		81		100	80.672	1	12.9	10.6			08/01/05	dh
AC18807-025	Sample		68		100	68.103	1	12.6	8.9			08/01/05	dh
AC18827-001	Sample		73		100	73.109	1	12.9	9.7			08/01/05	dh
AC18827-002	Sample		79		100	78.761	1	12.3	9.9			08/01/05	dh
AC18827-003	Sample		79		100	78.947	1	12.4	10.0			08/01/05	dh
AC18827-004	Sample		69		100	69.091	1	12.0	8.6			08/01/05	dh
AC18827-005	Sample		76		100	76.316	1	12.4	9.7			08/01/05	dh
AC18827-006	Sample		85		100	85.217	1	12.5	10.8			08/01/05	dh
AC18827-007	Sample		74		100	74.359	1	12.7	9.7			08/01/05	dh
AC18827-008	Sample		81		100	81.197	1	12.7	10.5			08/01/05	dh
AC18827-009	Sample		79		100	78.571	1	12.2	9.8			08/01/05	dh
AC18827-010	Sample		83		100	83.186	1	12.3	10.4			08/01/05	dh
AC18827-011	Sample		88		100	87.826	1	12.5	11.1			08/01/05	dh
AC18827-012	Sample		78		100	78.448	1	12.6	10.1			08/01/05	dh
AC18827-013	Sample		84		100	84.034	1	12.9	11.0			08/01/05	dh
AC18827-014	Sample		84		100	84.034	1	12.9	11.0			08/01/05	dh
AC18827-015	Sample		83		100	83.478	1	12.5	10.6			08/01/05	dh
AC18827-016	Sample		86		100	86.441	1	12.8	11.2			08/01/05	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

veritech

% SOLIDS DATA SHEET

3037

Batch No. ~~8037~~

Lab Sample No.	Tare Wt. (g)	Wet Wt. + Tare (g)	Dry Wt. + Tare (g)	Analysis Date	Time in	Time out	Analyst Initials
Dup 18807-1	1.0	12.8	9.9	8/1/05	13:50	17:20	DH
1. 1		12.5	9.8				
2. 2		12.1	10.9				
3. 3		12.2	8.1				
4. 4		12.7	11.3				
5. 5		12.1	10.9				
6. 6		12.6	7.8				
7. 8		12.4	9.5				
8. 9		12.1	9.3				
9. 10		12.3	9.5				
10. 11		12.3	9.9				
11. 12		12.3	9.8				
12. 13		12.4	8.2				
13 14		12.0	8.9				
14. 15		12.6	9.6				
15. 16		12.0	8.2				
16. 17		12.2	9.4				
17. 18		12.6	11.8				
18. 19		12.7	6.8				
19. 20		12.0	9.8				
20. 21	↓	12.5	11.8	↓	↓	↓	↓

Analyst Dale Horne

Analyst _____

Analyst _____

Analyst _____

Reviewed By G. Smith Date Reviewed 8/2/05

veritech

% SOLIDS DATA SHEET

3038

Batch No. ~~3038~~

Lab Sample No.	Tare Wt. (g)	Wet Wt. + Tare (g)	Dry Wt. + Tare (g)	Analysis Date	Time in	Time out	Analyst Initials
Dup 18807-22	1.0	12.1	8.3	8/1/05	13:50	17:20	DH
1. 22		12.1	8.3				
2. 23		12.8	11.9				
3. 24		12.9	10.6				
4. 25		12.6	8.9				
5. 18827-1		12.9	9.7				
6. 2		12.3	9.9				
7. 3		12.4	10.0				
8. 4		12.0	8.6				
9. 5		12.4	9.7				
10. 6		12.5	10.8				
11. 7		12.7	9.7				
12. 8		12.7	10.5				
13 9		12.2	9.8				
14. 10		12.3	10.4				
15. 11		12.5	11.1				
16. 12		12.6	10.1				
17. 13		12.9	11.0				
18. 14		12.9	11.0				
19. 15		12.5	10.6				
20. 16	↓	12.8	11.2	↓	↓	↓	↓

Analyst Debbie Hamm

Analyst _____

Analyst _____

Analyst _____

Reviewed By [illegible] Date Reviewed 8/2/05