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
3G08619.	SMB739B	Soil	1		102	97	101	98		
5G03597.	SMB741B	Soil	1		92	90	96	93		
5G03616.	WMB2323	Aqueous	1		95	84	41	41		
5G03599.	AC19099-001	Soil	1		97	92	106	108		
5G03602.	AC19099-004	Soil	1		95	90	143	116		
5G03600.	AC19099-007	Soil	1		96	92	111	137		
5G03611.	AC19099-010	Soil	1		81	80	103	142		
5G03610.	AC19099-013	Soil	1		82	79	104	142		
5G03609.	AC19099-014	Soil	1		81	79	115	133		
5G03623.	AC19099-019	Aqueous	1		107	95	89	88		
3G08620.	SMB739B(MS)	Soil	1		119	117	107	104		
3G08622.	AC19052-001(MS)	Soil	1		107	103	100	117		
3G08623.	AC19052-001(MSD)	Soil	1		118	105	103	126		
5G03598.	SMB741B(MS)	Soil	1		95	93	99	96		
5G03617.	WMB2323(MS)	Aqueous	1		79	68	51	50		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8081

Soil Limits

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

Aqueous Limits

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

Form3

MBS Data

Method: 8081

1126

Data File: ⟹					5G03598.D			5G03617.D										
Data/Batch/Sample ID: ⟹					SMB741B(MS)			WMB2323(MS)										
Date/Time: ⟹					08/18/05 06:00			08/19/05 08:22										
Compound	Limit(s) Soil	Limit(s) 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	2	0	91.95	100	92	74.12	100	74									
Dieldrin	31-134	52-126	2	0	113.1	100	113	110.3	100	110									
Endrin	42-139	56-121	2	0	114.8	100	115	112.1	100	112									
gamma-BHC	46-127	56-123	2	0	87.61	100	88	86.41	100	86									
Heptachlor	35-130	40-131	2	0	76.96	100	77	68.08	100	68									
p,p'-DDT	23-134	38-127	2	0	78.3	100	78	92.25	100	92									

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

FORM 3
Spike Recovery

Batch Number: SMB739B
Mbs Name: SMB739B(MS)
Ns Name: AC19052-001(5X)
Ms Name: AC19052-001(MS)
Msd Name: AC19052-001(MSD

Mbs File: 3G08620.D
Non Spk'd File: 3G08632.D
Spike File: 3G08622.D
Spike Dup File: 3G08623.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	96.94	0.00	95.43	96.02	97	95	96	0.62
Heptachlor	1	0	100	35	130	31	113.01	0.00	101.38	99.58	113	101	100	1.8
Aldrin	1	0	100	34	132	43	97.57	0.00	92.03	93.81	98	92	94	1.9
Dieldrin	1	0	100	31	134	38	105.09	0.00	89.15	88.27	105	89	88	0.99
Endrin	1	0	100	42	139	45	107.51	0.00	141.31	140.55	108	141 Mo	141 Mo	0.54
p,p'-DDT	1	0	100	23	134	50	95.99	0.00	97.51	74.64	96	98	75	27

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: SMB739B
Blank Data File: 3G08619.D
Matrix: Soil

Blank Analysis Date: 08/17/05 09:52
Blank Extraction Date: 08/16/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC19052-001(MSD	3G08623.D	08/17/05 10:58
AC19052-001(MS)	3G08622.D	08/17/05 10:41
SMB739B(MS)	3G08620.D	08/17/05 10:08

FORM 4
Blank Summary

Blank Number: SMB741B
Blank Data File: 5G03597.D
Matrix: Soil

Blank Analysis Date: 08/18/05 05:41
Blank Extraction Date: 08/17/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC19099-001	5G03599.D	08/18/05 06:19
AC19099-004	5G03602.D	08/18/05 07:15
AC19099-007	5G03600.D	08/18/05 06:37
AC19099-010	5G03611.D	08/18/05 10:38
AC19099-013	5G03610.D	08/18/05 10:19
AC19099-014	5G03609.D	08/18/05 10:00
SMB741B(MS)	5G03598.D	08/18/05 06:00

FORM 4
Blank Summary

Blank Number: WMB2323
Blank Data File: 5G03616.D
Matrix: Aqueous

Blank Analysis Date: 08/19/05 08:03
Blank Extraction Date: 08/18/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC19099-019	5G03623.D	08/19/05 10:15
WMB2323(MS)	5G03617.D	08/19/05 08:22

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G03562.	CAL EVAL	08/17/05 05:15	Soil					
5G03563.	CAL PEST@2PPB	08/17/05 06:02	Aqueous		13.9021	0	14.3132	0
5G03564.	CAL PEST@10PPB	08/17/05 06:21	Aqueous		13.8969	0.0237	14.3119	0
5G03565.	CAL PEST@50PPB	08/17/05 06:40	Aqueous	5G03570.	13.8939	0.0022	14.3107	0.0028
5G03566.	CAL PEST@100PPB	08/17/05 06:58	Aqueous	5G03570.	13.8933	0.0022	14.3104	0.0007
5G03567.	CAL PEST@200PPB	08/17/05 07:17	Aqueous	5G03570.	13.8929	0.005	14.3109	0.0042
5G03568.	CAL PEST@400PPB	08/17/05 07:36	Aqueous	5G03570.	13.8923	0.0094	14.3091	0.0084
5G03569.	CAL CHLOR@100PPB	08/17/05 07:55	Aqueous	5G03570.	13.8906	0.0216	14.3067	0.0252
5G03570.	CAL PEST@2PPB	08/17/05 08:14	Aqueous	5G03570.	13.8936	0	14.3103	0
5G03571.	CAL TOX@500PPB	08/17/05 08:32	Aqueous	5G03570.	13.8936	0	14.3109	0.0042
5G03572.	AC18737-034	08/17/05 09:03	Soil	5G03570.	13.8976	0.0288	14.3116	0.0091
5G03573.	AC18737-034(5X)	08/17/05 09:21	Soil	5G03570.	13.8931	0.0036	14.3097	0.0042
5G03574.	AC18737-036	08/17/05 09:40	Soil	5G03570.	13.8927	0.0065	14.3092	0.0077
5G03575.	AC18737-038	08/17/05 09:59	Soil	5G03570.	13.8928	0.0058	14.3097	0.0042
5G03576.	AC18940-006(R)	08/17/05 10:18	Soil	5G03570.	13.8926	0.0072	14.3110	0.0049
5G03577.	CAL PEST@50PPB	08/17/05 12:31	Soil	5G03570.	13.8959	0.0165	14.3111	0.0056
5G03578.	CAL PEST@50PPB	08/17/05 12:50	Soil	5G03570.	13.8933	0.0022	14.3097	0.0042

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
3G08610.	CAL EVAL	08/17/05 07:25	Soil					
3G08611.	CAL PEST@2PPB	08/17/05 07:41	Soil	3G08611.	10.0865	0	10.6405	0
3G08612.	CAL PEST@10PPB	08/17/05 07:57	Soil	3G08611.	10.0854	0.0109	10.6388	0.016
3G08613.	CAL PEST@50PPB	08/17/05 08:13	Soil	3G08611.	10.0854	0.0109	10.6417	0.0113
3G08614.	CAL PEST@100PPB	08/17/05 08:30	Soil	3G08611.	10.0848	0.0169	10.6409	0.0038
3G08615.	CAL PEST@200PPB	08/17/05 08:46	Soil	3G08611.	10.0856	0.0089	10.6407	0.0019
3G08616.	CAL PEST@400PPB	08/17/05 09:03	Soil	3G08611.	10.0840	0.0248	10.6405	0
3G08617.	CAL CHLOR@100PPB	08/17/05 09:19	Soil	3G08611	10.0840	0.0248	10.6402	0.0028
3G08618.	CAL TOX@500PPB	08/17/05 09:36	Soil	3G08611	10.0850	0.0149	10.6409	0.0038
3G08619.	SMB739B	08/17/05 09:52	Soil	3G08611	10.0831	0.0337	10.6399	0.0056
3G08620.	SMB739B(MS)	08/17/05 10:08	Soil	3G08611	10.0845	0.0198	10.6397	0.0075
3G08621.	AC19017-001	08/17/05 10:25	Soil	3G08611.	10.0836	0.0288	10.6394	0.0103
3G08622.	AC19052-001(MS)	08/17/05 10:41	Soil	3G08611.	10.0865	0	10.6426	0.0197
3G08623.	AC19052-001(MSD)	08/17/05 10:58	Soil	3G08611.	10.0879	0.0139	10.6422	0.016
3G08624.	AC19052-001	08/17/05 11:14	Soil	3G08611.	10.0898	0.0327	10.6461	0.0526
3G08625.	AC19017-002	08/17/05 11:31	Soil	3G08611.	10.0895	0.0297	10.6436	0.0291
3G08626.	AC19017-003	08/17/05 11:47	Soil	3G08611.	10.0891	0.0258	10.6446	0.0385
3G08627.	AC19017-004	08/17/05 12:04	Soil	3G08611.	10.0898	0.0327	10.6422	0.016
3G08628.	AC19017-005	08/17/05 12:20	Soil	3G08611.	10.0886	0.0208	10.6441	0.0338
3G08629.	AC19052-002	08/17/05 12:36	Soil	3G08611.	10.0893	0.0278	10.6445	0.0376
3G08630.	AC19052-003	08/17/05 12:53	Soil	3G08611.	10.0912	0.0466	10.6454	0.046
3G08631.	AC19052-006	08/17/05 13:09	Soil	3G08611	10.0898	0.0327	10.6434	0.0273
3G08632.	AC19052-001(5X)	08/17/05 13:26	Soil	3G08611	10.0875	0.0099	10.6454	0.046
3G08633.	AC19052-005	08/17/05 13:42	Soil	3G08611	10.0919	0.0535	10.6453	0.0451
3G08634.	50PPB	08/17/05 14:10	Soil	3G08611	10.0881	0.0159	10.6411	0.0056
3G08635.	CAL PEST@50PPB	08/17/05 14:27	Soil	3G08611.	10.0860	0.005	10.6388	0.016

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
5G03579.	CAL EVAL	08/18/05 00:02	Soil					
5G03580.	CAL PEST@50PPB	08/18/05 00:21	Soil	5G03580.	13.8961	0	14.3132	0
5G03581.	50PPB	08/18/05 00:40	Soil	5G03580.	13.8948	0.0094	14.3122	0.007
5G03582.	CAL PEST@100PPB	08/18/05 00:58	Soil	5G03580.	13.8943	0.013	14.3123	0.0063
5G03583.	SMB740B	08/18/05 01:17	Soil	5G03582.	13.8930	0.0094	14.3104	0.0133
5G03584.	SMB740B(MS)	08/18/05 01:36	Soil	5G03582.	13.8920	0.0166	14.3107	0.0112
5G03585.	AC19017-002	08/18/05 01:55	Soil	5G03582.	13.8927	0.0115	14.3104	0.0133
5G03586.	AC19052-006	08/18/05 02:14	Soil	5G03582.	13.8923	0.0144	14.3094	0.0203
5G03587.	AC19052-002(5X)	08/18/05 02:33	Soil	5G03582.	13.8922	0.0151	14.3099	0.0168
5G03588.	AC19052-003(10X)	08/18/05 02:51	Soil	5G03582.	13.8918	0.018	14.3111	0.0084
5G03589.	AC19108-001	08/18/05 03:10	Soil	5G03582.	13.8922	0.0151	14.3102	0.0147
5G03590.	AC19108-002	08/18/05 03:29	Soil	5G03582.	13.8931	0.0086	14.3109	0.0098
5G03591.	AC19108-009	08/18/05 03:48	Soil	5G03582.	13.8932	0.0079	14.3108	0.0105
5G03592.	AC19108-010	08/18/05 04:07	Soil	5G03582.	13.8931	0.0086	14.3114	0.0063
5G03593.	AC19108-011	08/18/05 04:26	Soil	5G03582.	13.8933	0.0072	14.3115	0.0056
5G03594.	AC19108-014	08/18/05 04:44	Soil	5G03582.	13.8931	0.0086	14.3126	0.0021
5G03595.	AC19108-012	08/18/05 05:03	Soil	5G03582.	13.8935	0.0058	14.3125	0.0014
5G03596.	AC19108-013	08/18/05 05:22	Soil	5G03582.	13.8923	0.0144	14.3118	0.0035
5G03597.	SMB741B	08/18/05 05:41	Soil	5G03582.	13.8940	0.0022	14.3123	0
5G03598.	SMB741B(MS)	08/18/05 06:00	Soil	5G03582.	13.8930	0.0094	14.3110	0.0091
5G03599.	AC19099-001	08/18/05 06:19	Soil	5G03582.	13.8927	0.0115	14.3114	0.0063
5G03600.	AC19099-007	08/18/05 06:37	Soil	5G03582.	13.8916	0.0194	14.3122	0.0007
5G03601.	AC19017-001(R)	08/18/05 06:56	Soil	5G03582.	13.8911	0.023	14.3095	0.0196
5G03602.	AC19099-004	08/18/05 07:15	Soil	5G03582.	13.8940	0.0022	14.3122	0.0007
5G03603.	CAL PEST@50PPB	08/18/05 08:07	Soil	5G03582.	13.8925	0.013	14.3099	0.0168
5G03604.	SMB2407	08/18/05 08:26	Soil	5G03603.	13.8910	0.0108	14.3100	0.0007
5G03605.	SMB2407A(MS)	08/18/05 08:45	Soil	5G03603.	13.8923	0.0014	14.3107	0.0056
5G03606.	SMB2407B(MS)	08/18/05 09:04	Soil	5G03603.	13.8925	0	14.3107	0.0056
5G03607.	SMB2407C(MS)	08/18/05 09:22	Soil	5G03603.	13.8916	0.0065	14.3104	0.0035
5G03608.	SMB2407D(MS)	08/18/05 09:41	Soil	5G03603.	13.8906	0.0137	14.3090	0.0063
5G03609.	AC19099-014	08/18/05 10:00	Soil	5G03603.	13.8898	0.0194	14.3090	0.0063
5G03610.	AC19099-013	08/18/05 10:19	Soil	5G03603.	13.8908	0.0122	14.3108	0.0063
5G03611.	AC19099-010	08/18/05 10:38	Soil	5G03603.	13.8914	0.0079	14.3105	0.0042
5G03612.	50PPB	08/18/05 11:12	Soil	5G03603.	13.8928	0.0022	14.3101	0.0014
5G03613.	CAL PEST@50PPB	08/18/05 11:32	Soil	5G03603.	13.8923	0.0014	14.3108	0.0063

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
5G03614.	CAL EVAL	08/19/05 07:03	Soil					
5G03615.	CAL PEST@10PPB	08/19/05 07:42	Soil	5G03615.	13.8863	0	14.3085	0
5G03616.	WMB2323	08/19/05 08:03	Aqueous	5G03615.	13.8860	0.0022	14.3082	0.0021
5G03617.	WMB2323(MS)	08/19/05 08:22	Aqueous	5G03615.	13.8829	0.0245	14.3061	0.0168
5G03618.	AC19123-004(T)	08/19/05 08:41	Aqueous	5G03615.	13.8833	0.0216	14.3064	0.0147
5G03619.	AC19124-001(T)	08/19/05 09:00	Aqueous	5G03615.	13.8842	0.0151	14.3080	0.0035
5G03620.	AC18766-003(T)	08/19/05 09:18	Aqueous	5G03615.	13.8834	0.0209	14.3066	0.0133
5G03621	FF2 V5861	08/19/05 09:37	Aqueous	5G03615	13.8816	0.0338	14.3050	0.0245
5G03622	FF1 V5752	08/19/05 09:56	Aqueous	5G03615	13.8842	0.0151	14.3074	0.0077
5G03623	AC19099-019	08/19/05 10:15	Aqueous	5G03615	13.8850	0.0094	14.3072	0.0091
5G03624	CAL PEST@50PPB	08/19/05 10:34	Aqueous	5G03615	13.8863	0	14.3093	0.0056

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: AC19099-001
Client Id: PCSB - 56 (0.5)
Data File: 5G03599.D
Analysis Date: 08/18/05 06:19
Date Rec/Extracted: 08/16/05-08/17/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 89

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0056	U	7421-93-4	Endrin Aldehyde	0.0056	U
319-84-6	alpha-BHC	0.0056	U	53494-70-5	Endrin Ketone	0.0056	U
319-85-7	beta-BHC	0.0056	U	58-89-9	gamma-BHC	0.0056	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0056	U
319-86-8	delta-BHC	0.0056	U	1024-57-3	Heptachlor Epoxide	0.0056	U
60-57-1	**Dieldrin**	**0.0056**	**0.032**	72-43-5	Methoxychlor	0.0056	U
959-98-8	Endosulfan I	0.0056	U	72-54-8	p,p'-DDD	0.0056	U
33213-65-9	Endosulfan II	0.0056	U	**72-55-9**	**p,p'-DDE**	**0.0056**	**0.013**
1031-07-8	Endosulfan Sulfate	0.0056	U	50-29-3	p,p'-DDT	0.0056	U
72-20-8	Endrin	0.0056	U	8001-35-2	Toxaphene	0.028	U

Worksheet #: 18567

Total Target Concentration 0.045

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\08-18-05\5G03599.D\ECD1A.CH Vial: 20
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03599.D\ECD2B.CH
Acq On : 8-18-05 6:19:11 Operator: JK
Sample : AC19099-001 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:11 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	670.6E6	557.5E6	96.919	92.240
12)	p,p'-DDE	10.51	10.41	154.2E6	145.7E6	21.176	23.638
13)	Dieldrin	10.77	10.58	252.7E6	296.3E6	48.546m	57.367m
22)	DCB-Surrogate	13.89	14.31	766.7E6	671.3E6	105.820	108.480

08/22/05

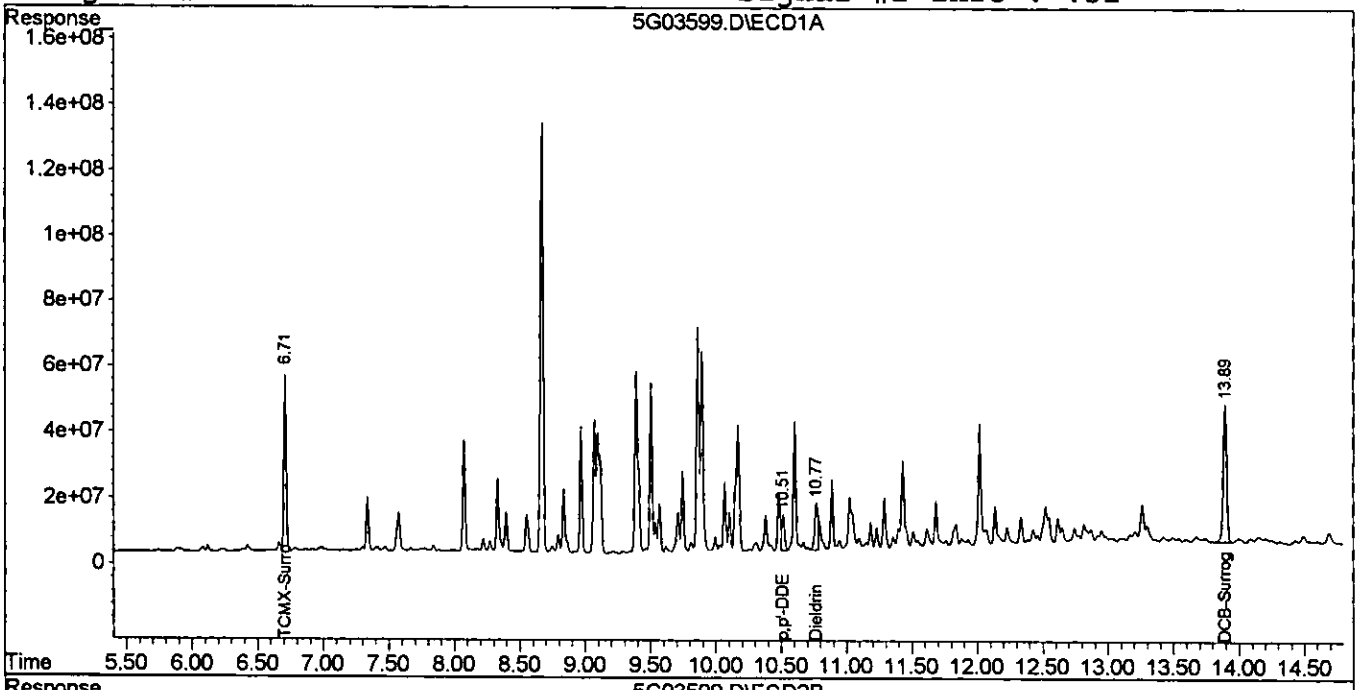
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

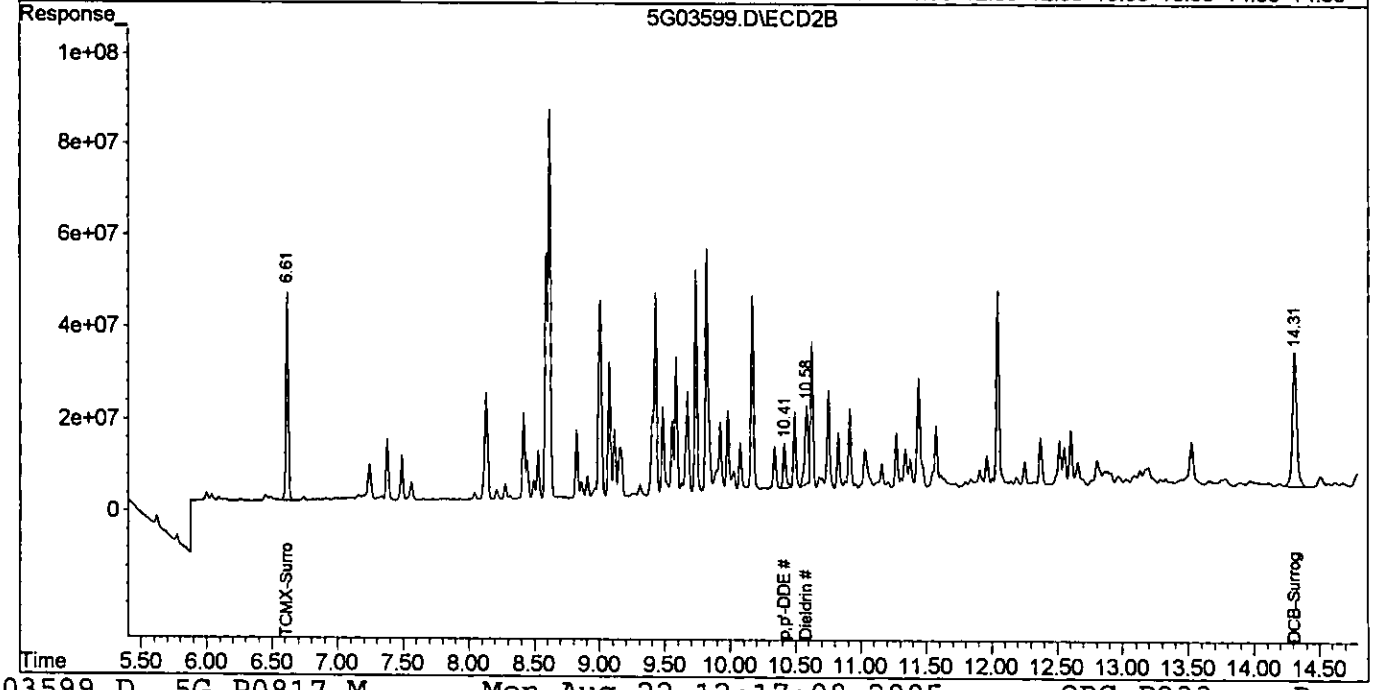
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03599.D\ECD1A.CH Vial: 20
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03599.D\ECD2B.CH
Acq On : 8-18-05 6:19:11 Operator: JK
Sample : AC19099-001 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:11 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 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: AC19099-007
Client Id: PCSB - 58 (0.5)
Data File: 5G03600.D
Analysis Date: 08/18/05 06:37
Date Rec/Extracted: 08/16/05-08/17/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 91

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0055	U	7421-93-4	Endrin Aldehyde	0.0055	U
319-84-6	alpha-BHC	0.0055	U	53494-70-5	Endrin Ketone	0.0055	U
319-85-7	beta-BHC	0.0055	U	58-89-9	gamma-BHC	0.0055	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0055	U
319-86-8	delta-BHC	0.0055	U	1024-57-3	Heptachlor Epoxide	0.0055	U
60-57-1	Dieldrin	0.0055	U	72-43-5	Methoxychlor	0.0055	U
959-98-8	Endosulfan I	0.0055	U	72-54-8	p,p'-DDD	0.0055	U
33213-65-9	Endosulfan II	0.0055	U	**72-55-9**	**p,p'-DDE**	**0.0055**	**0.013**
1031-07-8	Endosulfan Sulfate	0.0055	U	**50-29-3**	**p,p'-DDT**	**0.0055**	**0.057**
72-20-8	Endrin	0.0055	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18567

Total Target Concentration 0.07

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\08-18-05\5G03600.D\ECD1A.CH Vial: 21
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03600.D\ECD2B.CH
Acq On : 8-18-05 6:37:59 Operator: JK
Sample : AC19099-007 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:14 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	664.6E6	553.4E6	96.044	91.562
12)	p,p'-DDE	10.50	10.41	174.5E6	124.5E6	23.968	20.200
17)	p,p'-DDT	11.61	11.44	445.0E6	486.3E6	97.665	104.468
22)	DCB-Surrogate	13.89	14.31	801.6E6	849.1E6	110.648	137.208

08/22/05

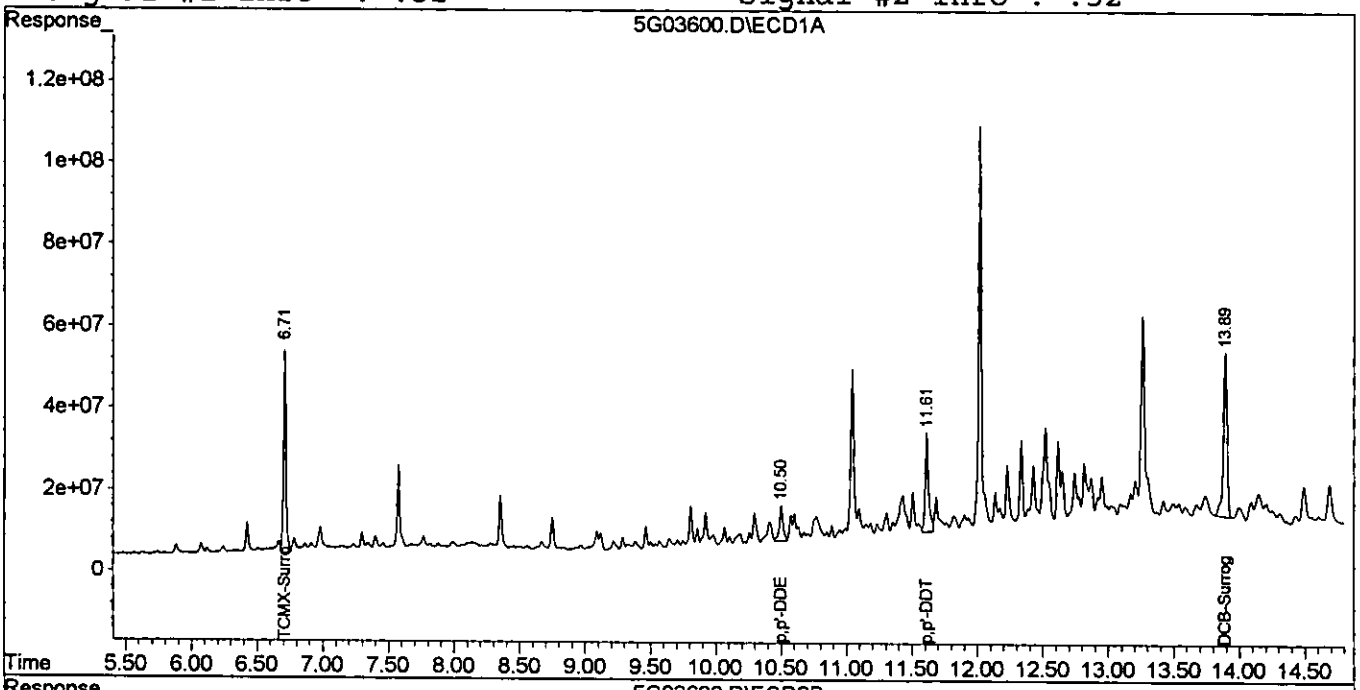
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

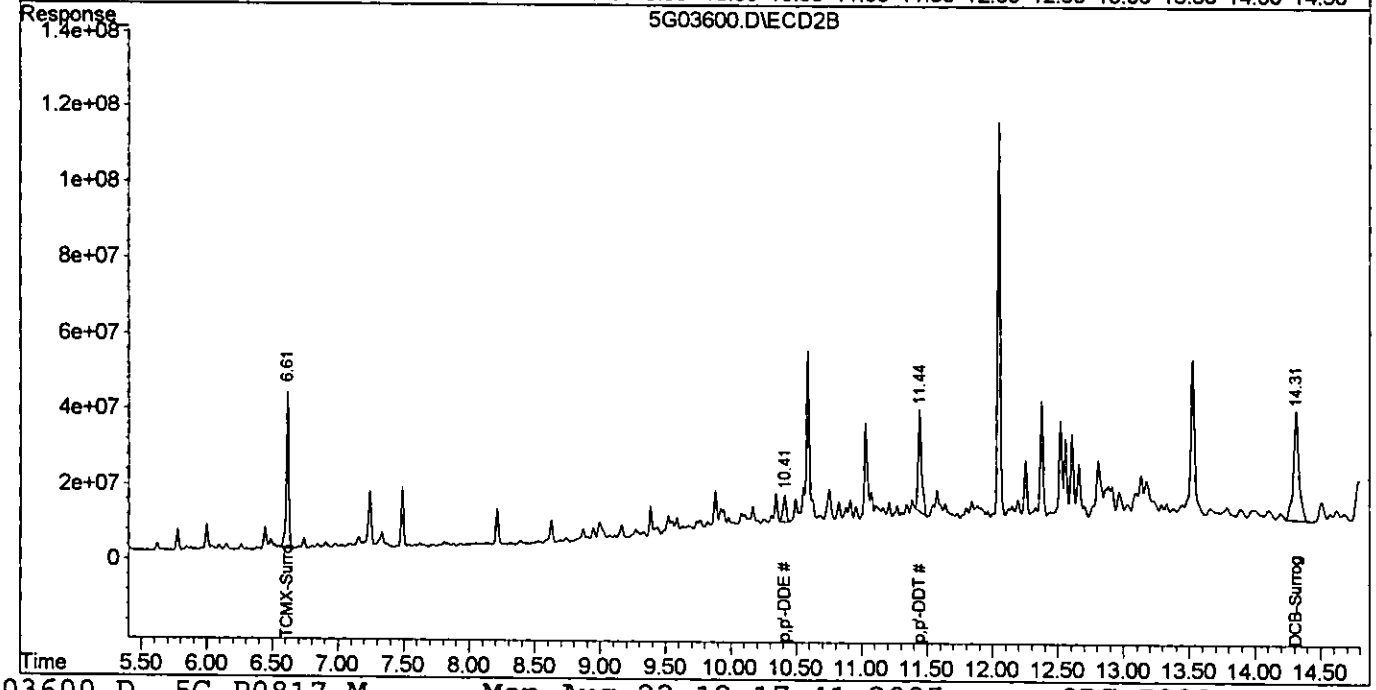
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03600.D\ECD1A.CH Vial: 21
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03600.D\ECD2B.CH
Acq On : 8-18-05 6:37:59 Operator: JK
Sample : AC19099-007 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:14 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 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: AC19099-010
Client Id: PCSB - 59 (0.5)
Data File: 5G03611.D
Analysis Date: 08/18/05 10:38
Date Rec/Extracted: 08/16/05-08/17/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 91

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0055	U	7421-93-4	Endrin Aldehyde	0.0055	U
319-84-6	alpha-BHC	0.0055	U	53494-70-5	Endrin Ketone	0.0055	U
319-85-7	beta-BHC	0.0055	U	58-89-9	gamma-BHC	0.0055	U
57-74-9	**Chlordane**	**0.011**	**0.041**	76-44-8	Heptachlor	0.0055	U
319-86-8	delta-BHC	0.0055	U	1024-57-3	Heptachlor Epoxide	0.0055	U
60-57-1	Dieldrin	0.0055	U	72-43-5	Methoxychlor	0.0055	U
959-98-8	Endosulfan I	0.0055	U	72-54-8	p,p'-DDD	0.0055	U
33213-65-9	Endosulfan II	0.0055	U	72-55-9	p,p'-DDE	0.0055	U
1031-07-8	Endosulfan Sulfate	0.0055	U	**50-29-3**	**p,p'-DDT**	**0.0055**	**0.029**
72-20-8	Endrin	0.0055	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 18567

Total Target Concentration 0.07

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\08-18-05\5G03611.D\ECD1A.CH Vial: 32
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03611.D\ECD2B.CH
Acq On : 8-18-05 10:38:12 Operator: JK
Sample : AC19099-010 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:10 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	560.9E6	480.5E6	81.058	79.503
17)	p,p'-DDT	11.62	11.44	140.8E6	231.4E6	33.758m	53.101m#
22)	DCB-Surrogate	13.89	14.31	746.0E6	881.1E6	102.966	142.381 #
24)	Chlordane {2}	10.37	9.92	56658958	107.2E6	74.712	80.884m
25)	Chlordane {3}	10.42	10.14	70809609	36566062	60.457	68.903m

08/22/07

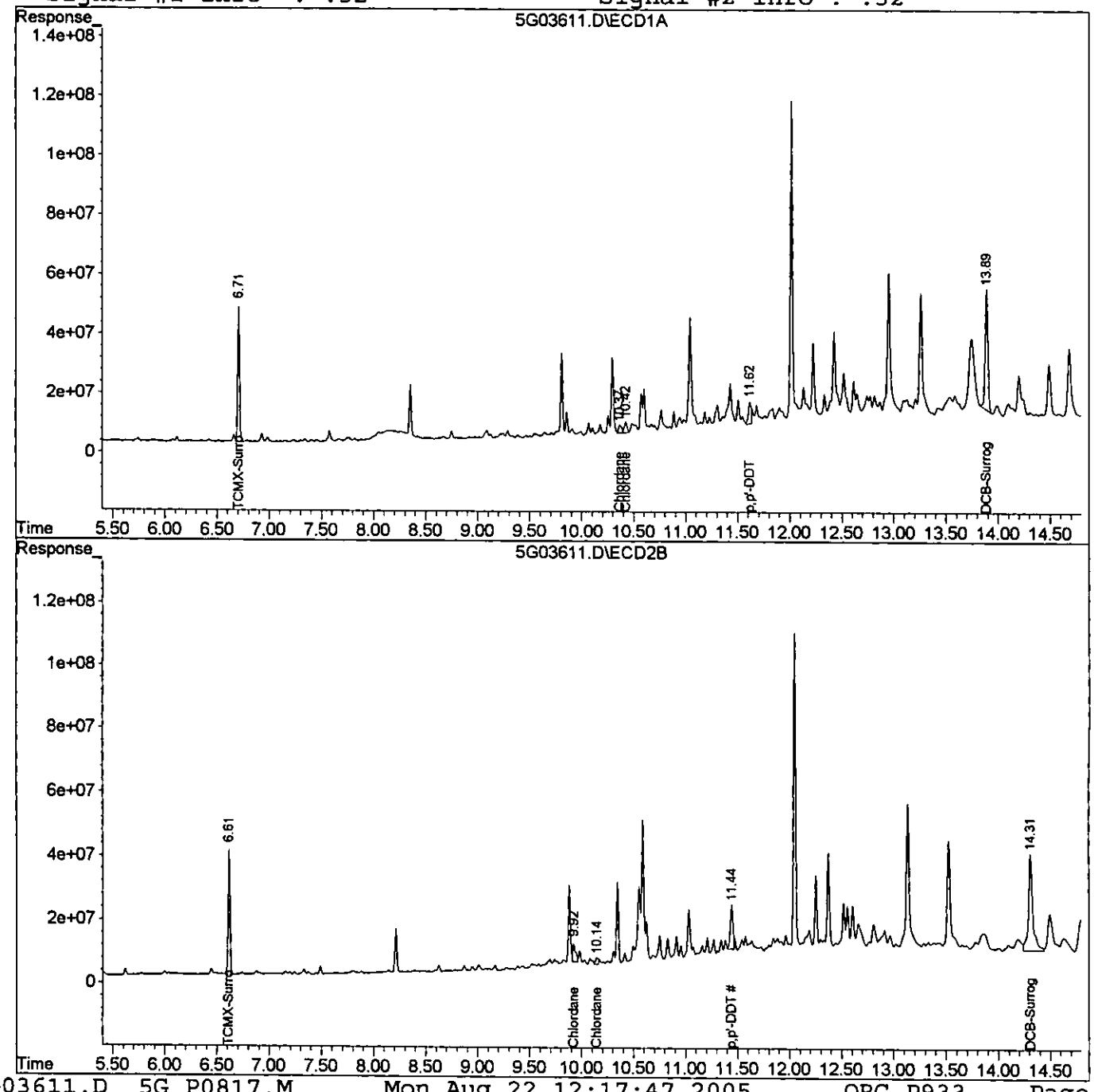
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03611.D\ECD1A.CH Vial: 32
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03611.D\ECD2B.CH
Acq On : 8-18-05 10:38:12 Operator: JK
Sample : AC19099-010 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:10 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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: AC19099-013
Client Id: PCSB - 60 (0.5)
Data File: 5G03610.D
Analysis Date: 08/18/05 10:19
Date Rec/Extracted: 08/16/05-08/17/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 92

Units: mg/Kg

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

Worksheet #: 18567

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)

Data File : 5G03610.D Vial: 31
Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03610.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03610.D\ECD2B.CH
Acq On : 8-18-05 10:19:26 Operator: JK
Sample : AC19099-013 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:12 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	564.3E6	479.1E6	81.557	79.266
22)	DCB-Surrogate	13.89	14.31	755.0E6	876.2E6	104.213	141.583 #

08/22/05

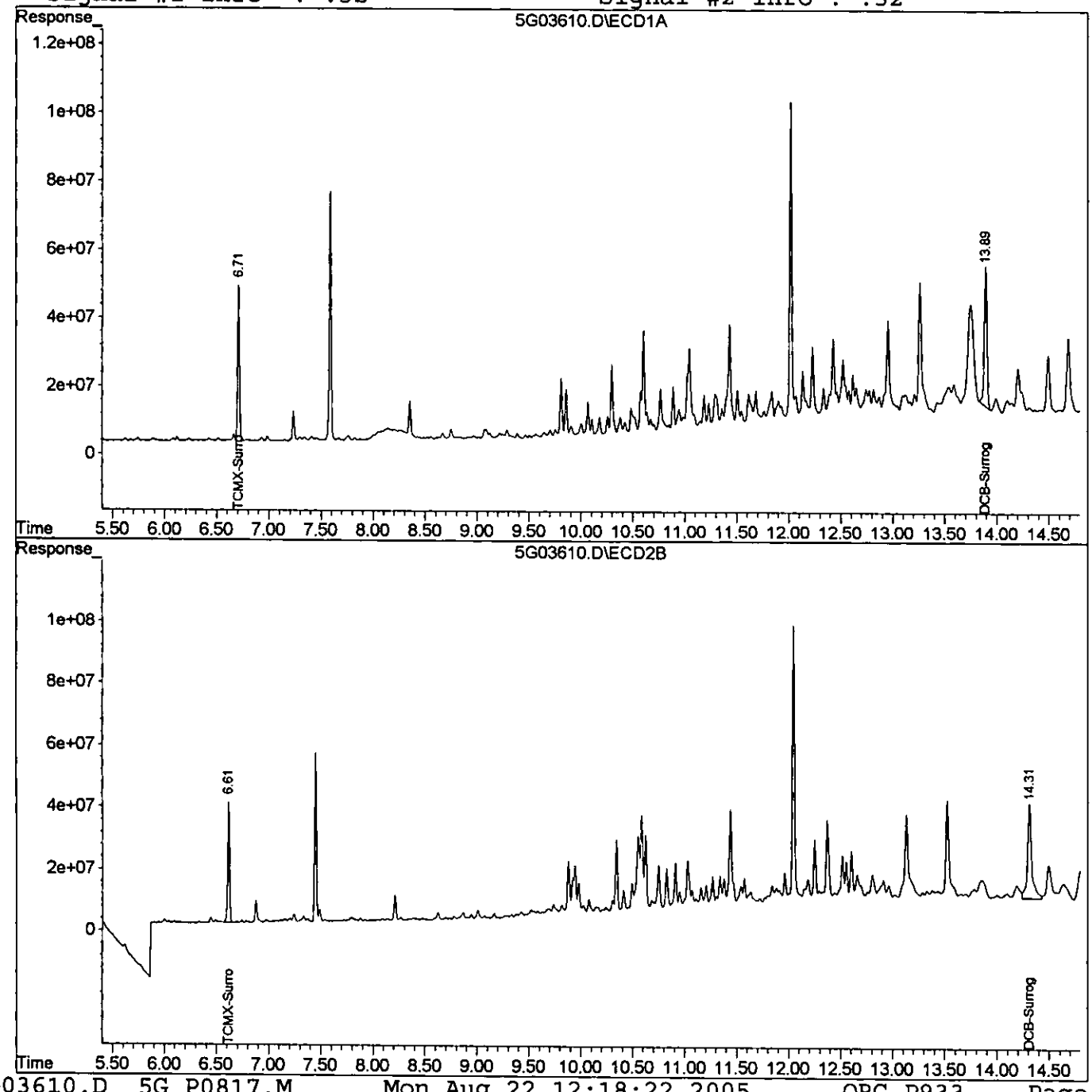
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03610.D\ECD1A.CH Vial: 31
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03610.D\ECD2B.CH
Acq On : 8-18-05 10:19:26 Operator: JK
Sample : AC19099-013 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:12 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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: AC19099-014
Client Id: PCSB - 260 (0.5)
Data File: 5G03609.D
Analysis Date: 08/18/05 10:00
Date Rec/Extracted: 08/16/05-08/17/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 92

Units: mg/Kg

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

Worksheet #: 18567

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)

Data: 5G03609.D Vial: 30

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03609.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03609.D\ECD2B.CH
Acq On : 8-18-05 10:00:34 Operator: JK
Sample : AC19099-014 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:15 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	563.2E6	478.1E6	81.397	79.112
22)	DCB-Surrogate	13.89	14.31	835.9E6	820.8E6	115.380	132.634

08/22/05

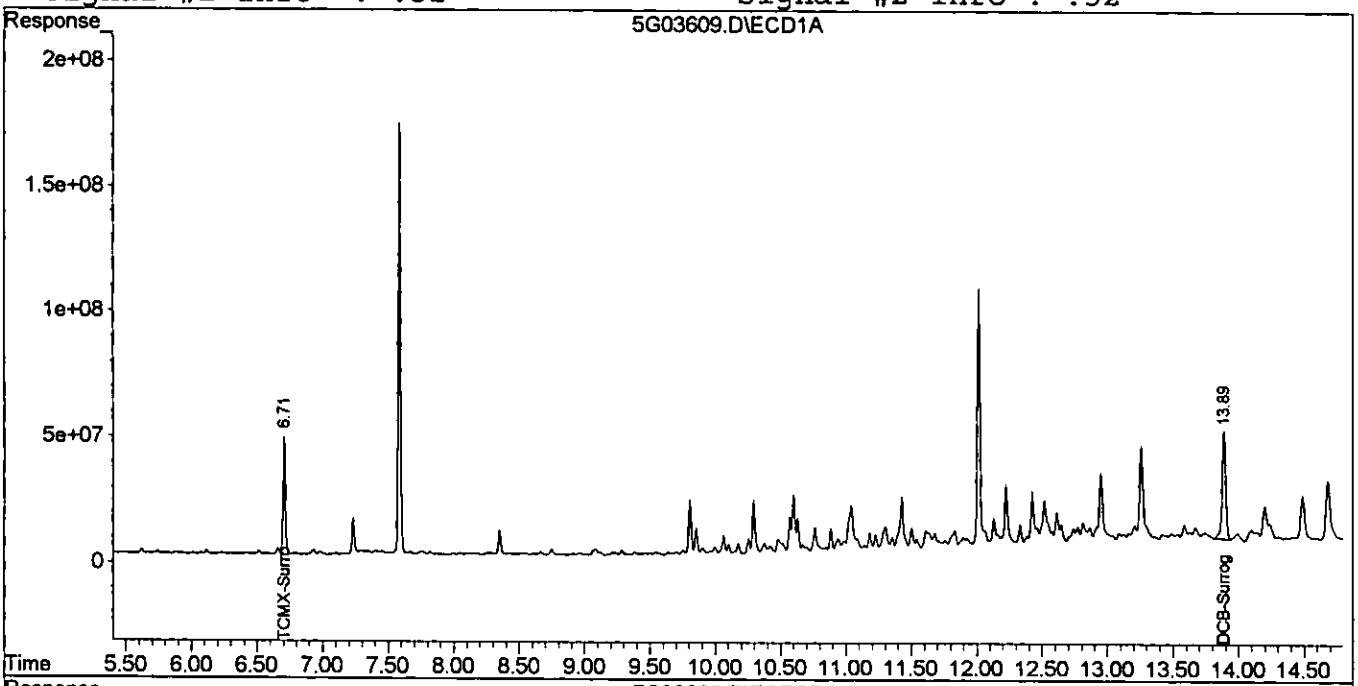
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

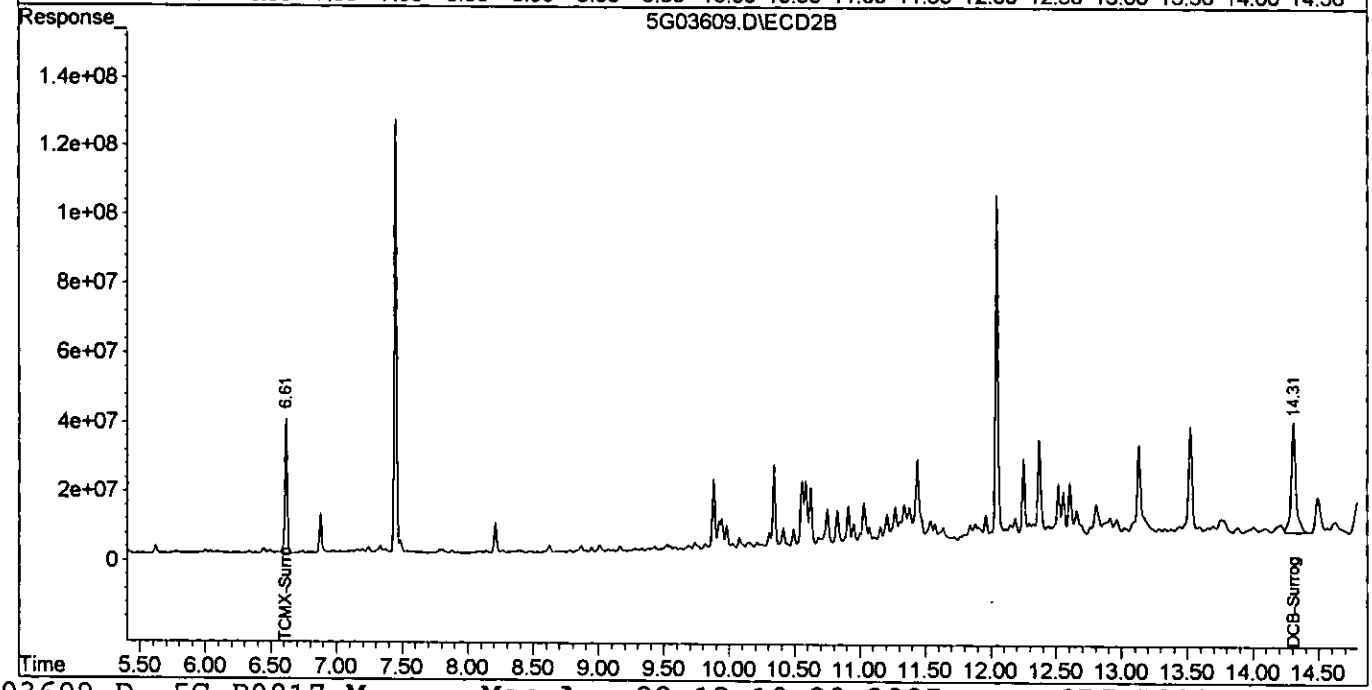
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03609.D\ECD1A.CH Vial: 30
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03609.D\ECD2B.CH
Acq On : 8-18-05 10:00:34 Operator: JK
Sample : AC19099-014 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 11:15 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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: AC19099-019
Client Id: FB081505
Data File: 5G03623.D
Analysis Date: 08/19/05 10:15
Date Rec/Extracted: 08/16/05-08/18/05

Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.053	U	7421-93-4	Endrin Aldehyde	0.053	U
319-84-6	alpha-BHC	0.053	U	53494-70-5	Endrin Ketone	0.053	U
319-85-7	beta-BHC	0.053	U	58-89-9	gamma-BHC	0.053	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.053	U
319-86-8	delta-BHC	0.053	U	1024-57-3	Heptachlor Epoxide	0.053	U
60-57-1	Dieldrin	0.053	U	72-43-5	Methoxychlor	0.053	U
959-98-8	Endosulfan I	0.053	U	72-54-8	p,p'-DDD	0.053	U
33213-65-9	Endosulfan II	0.053	U	72-55-9	p,p'-DDE	0.053	U
1031-07-8	Endosulfan Sulfate	0.053	U	50-29-3	p,p'-DDT	0.053	U
72-20-8	Endrin	0.053	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 18567

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)

Data Path : G:\Gcdata\2005\Gc_5\Data\08-19-05\

Data File : 5G03623.D Vial: 10

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03623.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03623.D\ECD2B.CH
Acq On : 8-19-05 10:15:16 Operator: JK
Sample : AC19099-019 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 10:47 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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	6.70	6.61	738.1E6	574.4E6	106.671m	95.033
22)	DCB-Surrogate	13.89	14.31	646.6E6	541.8E6	89.246	87.547

08/22/05

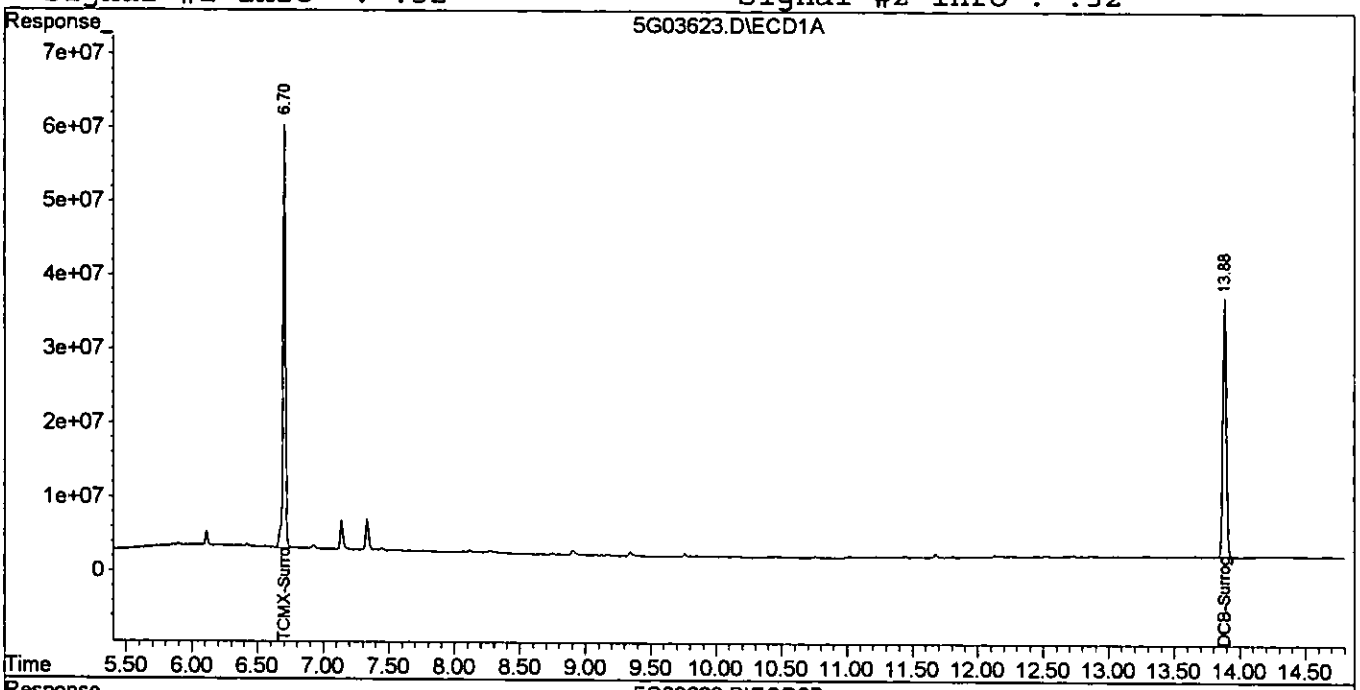
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

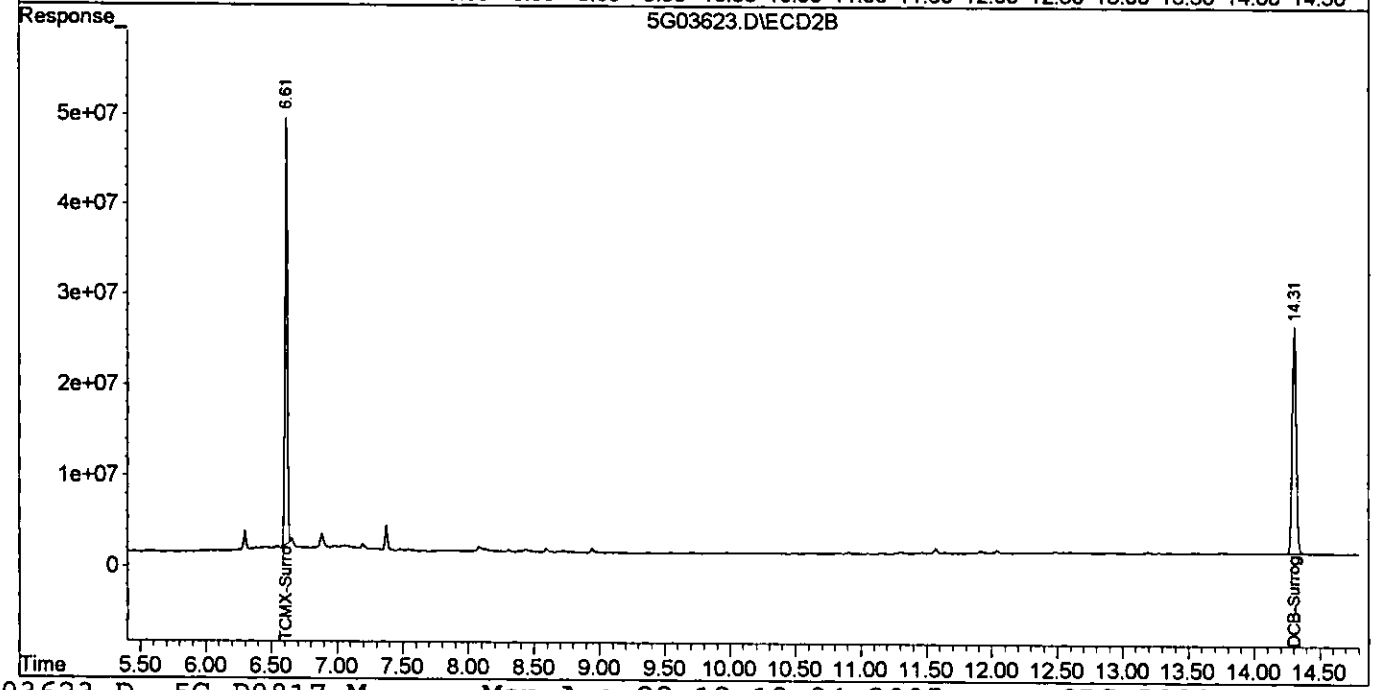
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03623.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03623.D\ECD2B.CH
Acq On : 8-19-05 10:15:16 Operator: JK
Sample : AC19099-019 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 10:47 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





GC Pesticide Data
Standards Data

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08611.D	CAL PEST@2PPB	08/17/05 07:41	2	3G08612.D	CAL PEST@10PPB	08/17/05 07:57
3	3G08613.D	CAL PEST@50PPB	08/17/05 08:13	4	3G08614.D	CAL PEST@100PPB	08/17/05 08:30
5	3G08615.D	CAL PEST@200PPB	08/17/05 08:46	6	3G08616.D	CAL PEST@400PPB	08/17/05 09:03
7	3G08617.D	CAL CHLOR@100PP	08/17/05 09:19	8	3G08618.D	CAL TOX@500PPB	08/17/05 09:36

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	0.5709	0.5299	0.5189	0.4929	0.4736	0.4677	---	---	0.509	2.67	1.00	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Lin	0.4632	0.4825	0.6294	0.6551	0.6717	0.6958	---	---	0.600	3.82	1.00	1.00	17	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Lin	0.4516	0.5118	0.6233	0.6326	0.6393	0.6509	---	---	0.585	4.33	1.00	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Qua	1.0776	0.5425	0.4067	0.3742	0.3480	0.3363	---	---	0.514	5.21	1.00	1.00	56	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Lin	0.5826	0.5436	0.5473	0.5211	0.5159	0.5192	---	---	0.538	4.63	1.00	1.00	4.7	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Lin	0.3924	0.4007	0.5400	0.5743	0.6024	0.6295	---	---	0.523	5.56	0.999	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Lin	0.4963	0.4947	0.5827	0.5896	0.6082	0.6256	---	---	0.566	5.00	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	0.5130	0.4933	0.5729	0.5657	0.5721	0.5841	---	---	0.550	5.84	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	0.6135	0.6078	0.6779	0.6831	0.7038	0.7189	---	---	0.668	6.25	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	0.5951	0.5879	0.6430	0.6191	0.6179	0.6304	---	---	0.616	6.32	1.00	1.00	3.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Lin	0.4136	0.4399	0.4692	0.4468	0.4309	0.4248	---	---	0.438	6.21	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	0.6068	0.6002	0.6591	0.6328	0.6288	0.6321	---	---	0.627	6.42	1.00	1.00	3.4	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	0.4618	0.4569	0.5253	0.5207	0.5333	0.5501	---	---	0.508	6.67	1.00	1.00	7.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	0.4107	0.4019	0.4630	0.4599	0.4652	0.4790	---	---	0.447	6.95	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	0.3710	0.4104	0.4341	0.4184	0.4204	0.4253	---	---	0.413	7.41	1.00	1.00	5.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	0.4273	0.4895	0.5499	0.5342	0.5447	0.5556	---	---	0.517	7.54	1.00	1.00	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	0.1271	0.1721	0.2587	0.2824	0.3157	0.3561	---	---	0.252	7.64	0.996	1.00	35	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Lin	0.2786	0.3539	0.4099	0.3994	0.4204	0.4242	---	---	0.381	8.06	1.00	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Lin	0.3439	0.3652	0.4493	0.4305	0.4755	0.4600	---	---	0.421	8.45	0.999	0.999	13	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Lin	0.0537	0.0781	0.1305	0.1324	0.1471	0.1519	---	---	0.116	8.37	0.999	1.00	35	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Lin	0.3056	0.3232	0.4452	0.4564	0.4828	0.4956	---	---	0.418	9.00	1.00	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	0.7092	0.6655	0.6739	0.6229	0.6080	0.5984	---	---	0.646	10.09	1.00	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	0.0292	4.62	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	0.0610	6.25	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	0.104	6.32	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	0.00371	7.14	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	0.00149	7.39	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	0.00207	7.66	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	0.00253	8.05	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	0.00709	8.41	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Lin	1.4704	1.8105	1.3144	1.2058	1.1604	1.1499	---	---	1.35	2.73	1.00	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Lin	1.3066	1.3694	1.7203	1.7493	1.7919	1.9205	---	---	1.64	3.62	0.999	1.00	15	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	1.3699	1.3881	1.6338	1.6259	1.6377	1.7265	---	---	1.56	4.14	0.999	1.00	9.4	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Lin	0.9954	0.9926	0.9411	0.8708	0.8313	0.8328	---	---	0.911	4.22	1.00	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	1.7106	1.4191	1.5104	1.4866	1.5013	1.6097	---	---	1.54	4.57	0.999	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Lin	0.9573	1.1339	1.5232	1.5969	1.6638	1.7967	---	---	1.45	4.70	0.999	1.00	23	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 13.9 Avg Rsd Col 2: 10.7

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	3G08611.D	CAL PEST@2PPB	08/17/05 07:41	2	3G08612.D	CAL PEST@10PPB	08/17/05 07:57
3	3G08613.D	CAL PEST@50PPB	08/17/05 08:13	4	3G08614.D	CAL PEST@100PPB	08/17/05 08:30
5	3G08615.D	CAL PEST@200PPB	08/17/05 08:46	6	3G08616.D	CAL PEST@400PPB	08/17/05 09:03
7	3G08617.D	CAL CHLOR@100PP	08/17/05 09:19	8	3G08618.D	CAL TOX@500PPB	08/17/05 09:36

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Lin	2.0432	1.4629	1.5817	1.5809	1.5886	1.6834	---	---	1.66	5.01	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	1.3187	1.4289	1.5559	1.5088	1.5119	1.5787	---	---	1.48	5.74	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	1.4588	1.5146	1.6007	1.5408	1.5274	1.5953	---	---	1.54	5.95	1.00	1.00	3.5	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Lin	1.4900	1.4148	1.4726	1.3935	1.3631	1.3972	---	---	1.42	6.16	1.00	1.00	3.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	1.4986	1.4751	1.6595	1.6265	1.6530	1.7383	---	---	1.61	6.21	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	1.4300	1.4175	1.5630	1.5135	1.5250	1.5941	---	---	1.51	6.46	0.999	1.00	4.7	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	1.2874	1.2355	1.4355	1.4260	1.4717	1.5651	---	---	1.40	6.61	0.999	1.00	8.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.3381	1.0270	1.1712	1.1555	1.1536	1.2205	---	---	1.18	7.10	0.999	1.00	8.6	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Lin	0.9320	0.9329	1.1141	1.1055	1.1328	1.2092	---	---	1.07	7.19	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	1.2653	1.2753	1.4628	1.4086	1.3865	1.4452	---	---	1.37	7.33	1.00	1.00	6.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	0.5093	0.5779	0.8214	0.8815	0.9801	1.1106	---	---	0.814	7.59	0.996	1.00	28	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Lin	1.0958	1.0089	1.0375	1.0054	1.0253	1.0659	---	---	1.04	7.76	1.00	1.00	3.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Lin	0.9000	0.9903	1.1298	1.1186	1.1506	1.2180	---	---	1.08	7.92	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Qua	0.4411	0.2565	0.4422	0.4352	0.4621	0.4989	---	---	0.423	8.71	0.998	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Lin	1.0597	1.1478	1.3186	1.3248	1.3694	1.4469	---	---	1.28	8.96	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Avg	2.0928	1.9680	1.9927	1.7590	1.6765	1.6578	---	---	1.86	10.64	0.999	1.00	9.9	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	0.0820	4.57	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	0.316	5.95	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	0.129	6.16	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	0.0395	7.23	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	0.0178	7.13	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	0.0131	7.54	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	0.0149	8.44	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	0.0138	8.51	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 13.9 Avg Rsd Col 2: 10.7

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\08-17-05\3G08611.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08611.D\ECD2B.CH
Acq On : 17 Aug 2005 7:41 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 17 11:09 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:30:55 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.73	11419	29409	2.172m	2.128m
2)	alpha-BHC	3.82	3.62	9266	26132	1.542	1.581
3)	gamma-BHC	4.33	4.14	9032	27399	1.544	1.752
4)	beta-BHC	5.21	4.22	21553	19909	3.893m	2.186 #
5)	Heptachlor	4.63	4.57	11654	34213	2.165	2.222
6)	delta-BHC	5.56	4.70	7849	19146	1.500	1.325
7)	Aldrin	5.00	5.01	9926	40864	1.753	2.466 #
8)	Heptachlor Epoxi	5.84	5.74	10260	26375	1.865	1.777
9)	y-chlordane	6.25	5.95	12272	29178	1.838	1.895
10)	a-chlordane	6.32	6.16	11903	29802	1.934	2.096
11)	Endosulfan I	6.21	6.21	8272	29972	1.891	1.863
12)	p,p'-DDE	6.42	6.46	12137	28602	1.937	1.898
13)	Dieldrin	6.67	6.61	9237	25748	1.818	1.834
14)	Endrin	6.95	7.10	8214	26763	1.839	2.272
15)	p,p'-DDD	7.41	7.19	7420	18641	1.795	1.740
16)	Endosulfan II	7.54	7.33	8547	25307	1.653	1.842
17)	p,p'-DDT	7.64	7.59	2544	10187	1.020m	1.252
18)	Endrin Aldehyde	8.06	7.76	5573	21917	1.462	2.108 #
19)	Endosulfan Sulfa	8.45	7.92	6879	18001	1.635	1.660
20)	Methoxychlor	8.37	8.71	1075	8822	0.655m	2.087 #
21)	Endrin Ketone	9.00	8.96	6113	21196	1.494m	1.566m
22)	DCB-Surrogate	10.09	10.64	14184	41857	2.194	2.233m
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/12/05

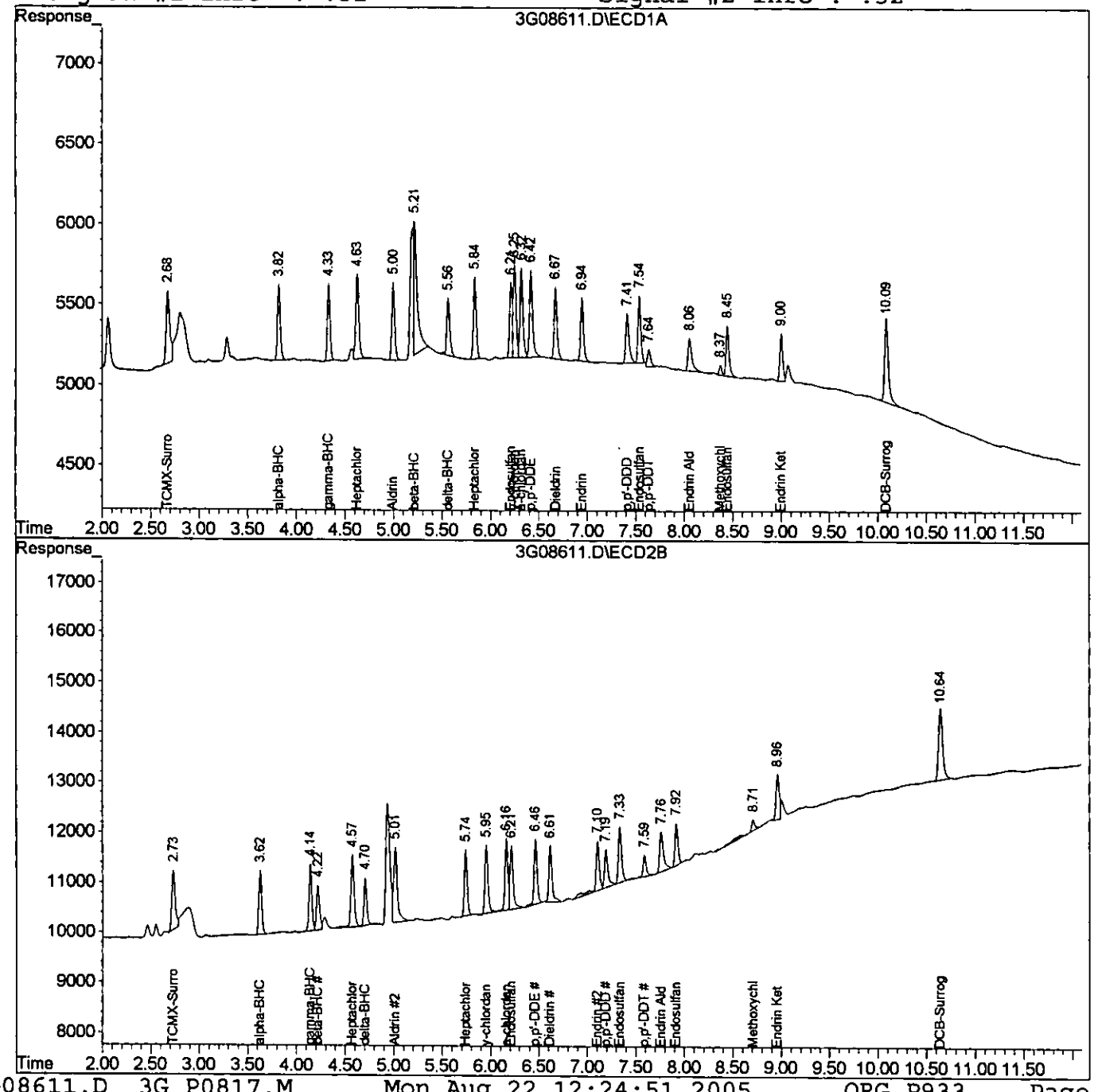
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08611.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08611.D\ECD2B.CH
Acq On : 17 Aug 2005 7:41 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 17 11:09 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:30:55 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08612.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08612.D\ECD2B.CH
Acq On : 17 Aug 2005 7:57 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 17 10:56 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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	2.67	2.73	52993	181053	4.140	1.268m#
2)	alpha-BHC	3.82	3.62	48251	136942	4.251	4.355
3)	gamma-BHC	4.33	4.14	51180	138819	2.990	6.904 #
4)	beta-BHC	5.22	4.22	54255	99269	5.860	0.038 #
5)	Heptachlor	4.62	4.57	54366	141919	2.856	7.245 #
6)	delta-BHC	5.56	4.70	40078	113397	0.105	5.533 #
7)	Aldrin	5.00	5.02	49471	146290	4.428	7.449 #
8)	Heptachlor Epoxi	5.84	5.74	49336	142897	7.907	7.813
9)	y-chlordane	6.25	5.95	60783	151462	8.237	8.142
10)	a-chlordane	6.32	6.16	58793	141483	8.572	1.776 #
11)	Endosulfan I	6.21	6.21	43995	147514	0.483m	7.559 #
12)	p,p'-DDE	6.42	6.46	60028	141757	8.778	7.786
13)	Dieldrin	6.67	6.61	45694	123550	7.765	6.964
14)	Endrin	6.94	7.10	40199	102700	7.401	6.718
15)	p,p'-DDD	7.41	7.19	41045	93290	7.820	3.239 #
16)	Endosulfan II	7.54	7.33	48957	127538	8.051	7.487
17)	p,p'-DDT	7.64	7.59	17210	57795	7.964	5.497 #
18)	Endrin Aldehyde	8.05	7.76	35399	100899	7.216	N.D. #
19)	Endosulfan Sulfa	8.44	7.92	36529	99031	7.158	6.519
20)	Methoxychlor	8.37	8.71	7818	25653	0.960	3.711 #
21)	Endrin Ketone	9.00	8.96	32322	114780	0.740	6.120 #
22)	DCB-Surrogate	10.09	10.64	66558	196800	8.040	7.989m
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

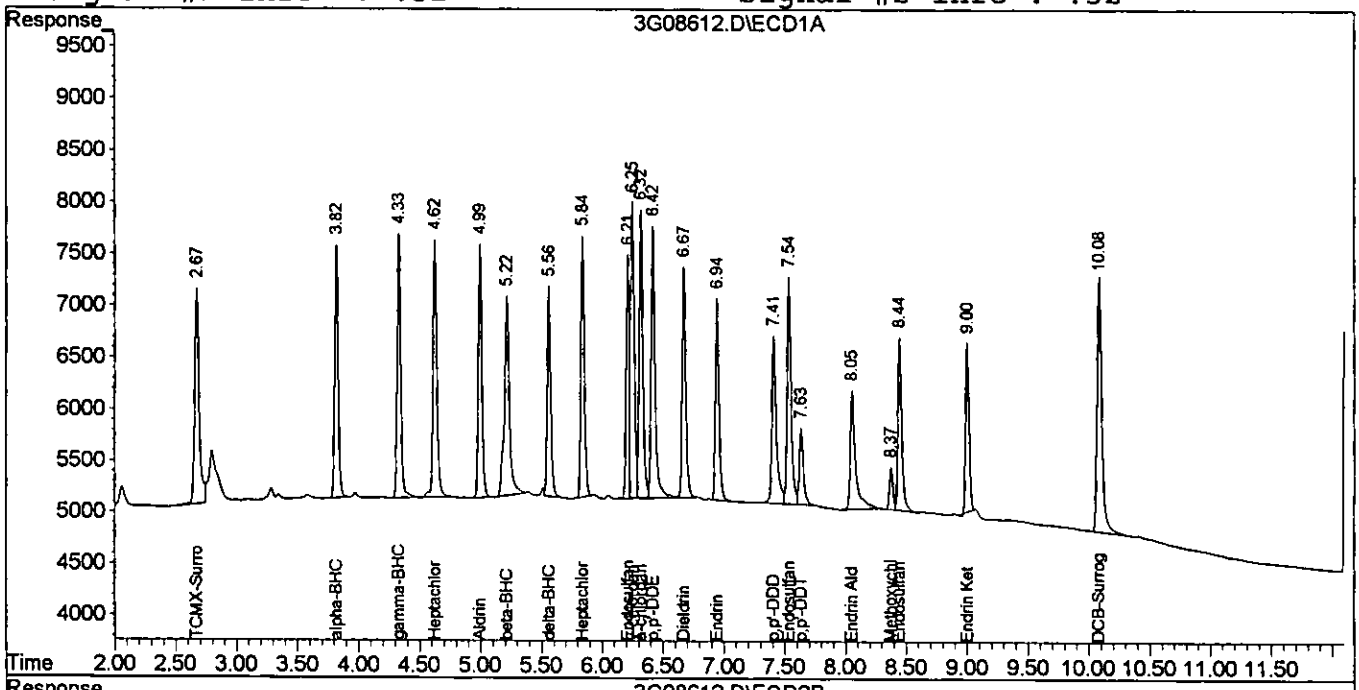
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

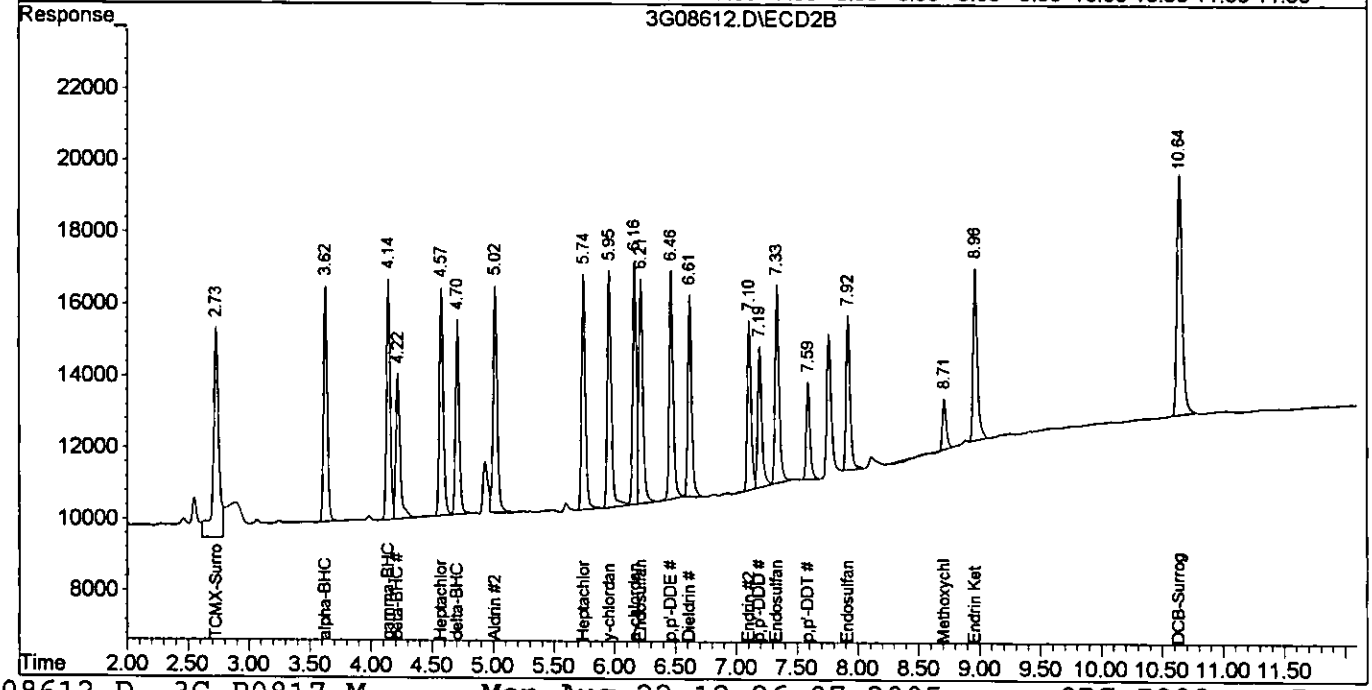
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08612.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08612.D\ECD2B.CH
Acq On : 17 Aug 2005 7:57 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 17 10:56 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08613.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08613.D\ECD2B.CH
Acq On : 17 Aug 2005 8:13 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 17 9:13 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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	2.67	2.73	259482	657202	36.503	34.533
2)	alpha-BHC	3.82	3.63	314746	860191	42.111	39.789
3)	gamma-BHC	4.33	4.14	311672	816922	42.562	40.632
4)	beta-BHC	5.22	4.22	203386	470580	41.555	42.553
5)	Heptachlor	4.62	4.58	273654	755240	43.753	38.553
6)	delta-BHC	5.56	4.71	270043	761607	34.878	37.162
7)	Aldrin	5.00	5.02	291364	790849	42.931	40.268
8)	Heptachlor Epoxi	5.84	5.74	286448	777985	45.908	42.538
9)	y-chlordane	6.25	5.95	338953	800389	45.933	43.025
10)	a-chlordane	6.32	6.16	321505	736346	46.872	42.045
11)	Endosulfan I	6.21	6.21	234601	829759	43.433	42.520
12)	p,p'-DDE	6.42	6.46	329586	781539	48.198	42.927
13)	Dieldrin	6.67	6.62	262650	717786	44.635	40.461
14)	Endrin	6.94	7.10	231542	585634	42.632	38.307
15)	p,p'-DDD	7.41	7.19	217087	557073	41.362	36.798
16)	Endosulfan II	7.54	7.33	274975	731399	45.221	42.937
17)	p,p'-DDT	7.64	7.59	129395	410733	37.909	32.793
18)	Endrin Aldehyde	8.06	7.76	204966	518790	41.783	35.016
19)	Endosulfan Sulfa	8.45	7.92	224688	564925	44.031	37.190
20)	Methoxychlor	8.37	8.71	65252	221100	31.397	31.983
21)	Endrin Ketone	9.00	8.96	222614	659312	34.621	35.153
22)	DCB-Surrogate	10.09	10.64	336986	996387	40.705	40.450
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

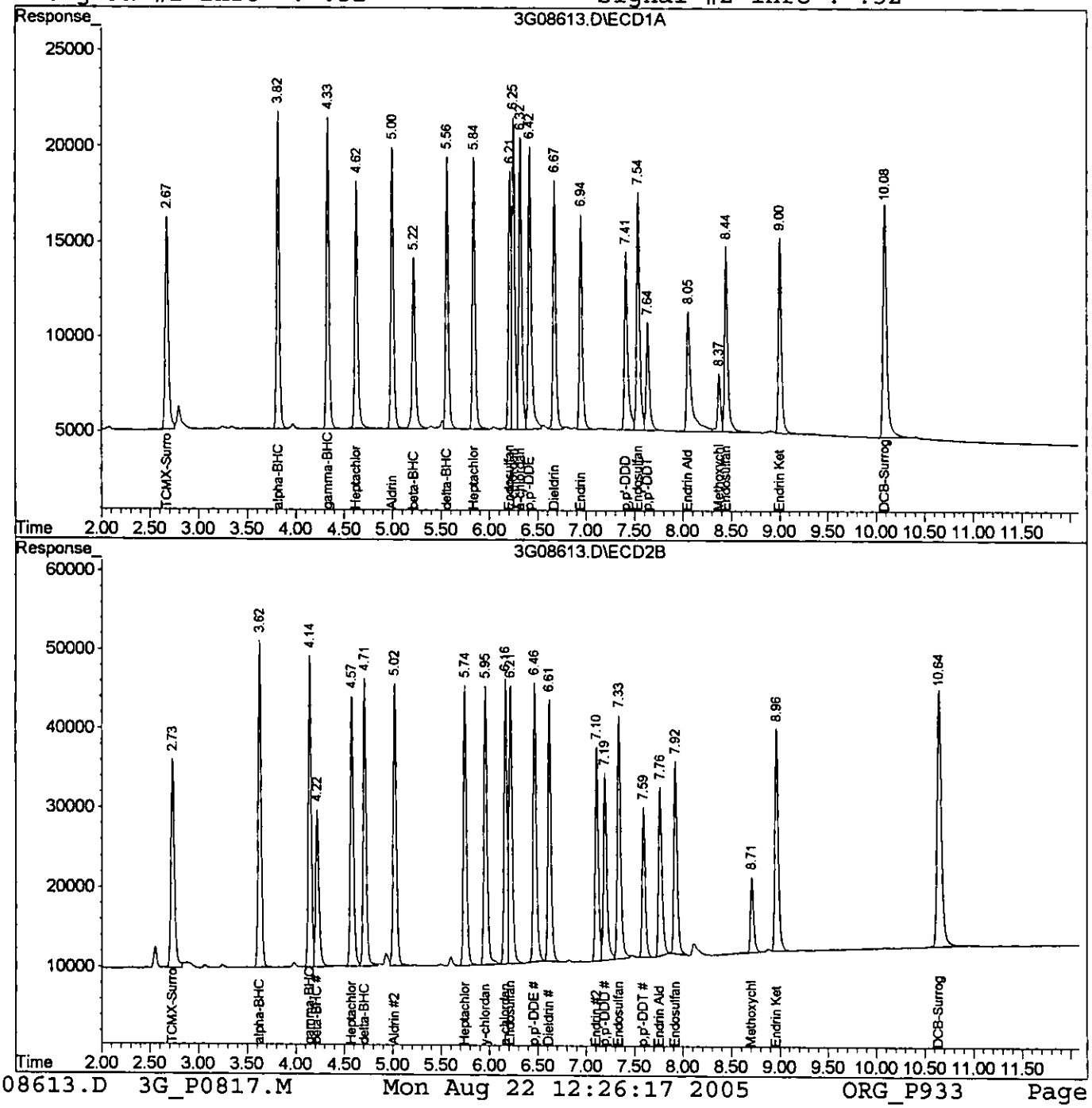
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08613.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08613.D\ECD2B.CH
Acq On : 17 Aug 2005 8:13 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 17 9:13 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08614.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08614.D\ECD2B.CH
Acq On : 17 Aug 2005 8:30 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 17 9:19 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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	2.67	2.73	492955	1205877	74.086	72.866
2)	alpha-BHC	3.82	3.62	655106	1749351	90.466	83.350
3)	gamma-BHC	4.33	4.14	632601	1625964	91.316	80.871
4)	beta-BHC	5.22	4.22	374257	870887	84.347	88.389
5)	Heptachlor	4.62	4.57	521157	1486682	89.912	75.891
6)	delta-BHC	5.56	4.71	574371	1596960	80.897	77.923
7)	Aldrin	4.99	5.02	589654	1580927	90.410	80.497
8)	Heptachlor Epoxi	5.84	5.74	565696	1508895	90.662	82.503
9)	y-chlordane	6.25	5.95	683186	1540849	92.581	82.828
10)	a-chlordane	6.32	6.16	619152	1393526	90.267	86.531
11)	Endosulfan I	6.21	6.21	446808	1626580	91.250	83.352
12)	p,p'-DDE	6.42	6.46	632818	1513524	92.542	83.132
13)	Dieldrin	6.67	6.62	520780	1426071	88.503	80.386
14)	Endrin	6.94	7.10	459948	1155524	84.687	75.583
15)	p,p'-DDD	7.41	7.19	418449	1105530	79.728	76.485
16)	Endosulfan II	7.54	7.33	534266	1408651	87.862	82.694
17)	p,p'-DDT	7.64	7.59	282455	881582	78.764	69.210
18)	Endrin Aldehyde	8.05	7.76	399453	1005412	81.429	75.899
19)	Endosulfan Sulfa	8.44	7.92	430511	1118667	84.365	73.644
20)	Methoxychlor	8.37	8.71	132401	435246	66.983	62.960
21)	Endrin Ketone	9.00	8.96	456398	1324888	76.245	70.640
22)	DCB-Surrogate	10.08	10.64	622975	1759024	75.250	71.410
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/0

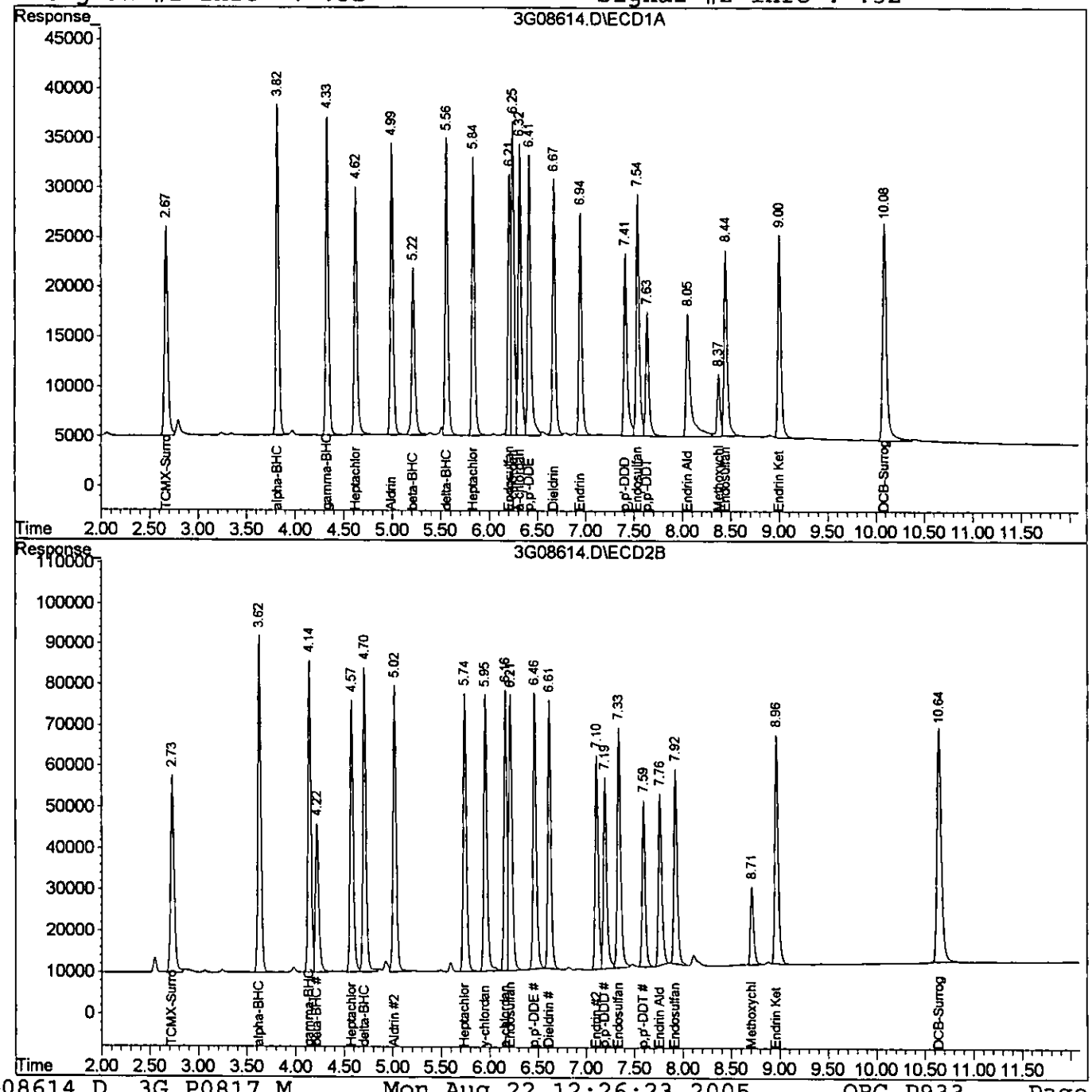
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08614.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08614.D\ECD2B.CH
Acq On : 17 Aug 2005 8:30 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 17 9:19 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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



Quantitation Report (QT Reviewed)

Data File : 3G08615.D Vial: 6
Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08615.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08615.D\ECD2B.CH
Acq On : 17 Aug 2005 8:46 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 17 9:20 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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	2.67	2.73	947206	2320860	150.583	150.763
2)	alpha-BHC	3.82	3.62	1343549	3583891	188.271	173.228
3)	gamma-BHC	4.33	4.14	1278643	3275460	189.460	162.913
4)	beta-BHC	5.22	4.22	696035	1662690	171.628	179.051
5)	Heptachlor	4.62	4.57	1031964	3002716	185.177	153.279
6)	delta-BHC	5.56	4.70	1204844	3327742	176.233	162.376
7)	Aldrin	4.99	5.02	1216480	3177283	190.183	161.779
8)	Heptachlor Epoxi	5.84	5.74	1144288	3023975	183.390	165.343
9)	y-chlordane	6.25	5.95	1407763	3054948	190.771	164.218
10)	a-chlordane	6.32	6.16	1235793	2726197	180.167	176.744
11)	Endosulfan I	6.21	6.21	861926	3306079	184.791	169.416
12)	p,p'-DDE	6.42	6.46	1257752	3050064	183.931	167.528
13)	Dieldrin	6.67	6.61	1066704	2943515	181.278	165.924
14)	Endrin	6.94	7.10	930405	2307317	171.309	150.922
15)	p,p'-DDD	7.41	7.19	840973	2265676	160.233	160.433
16)	Endosulfan II	7.54	7.33	1089471	2773142	179.167	162.796
17)	p,p'-DDT	7.64	7.59	631439	1960310	171.916	152.640
18)	Endrin Aldehyde	8.05	7.76	840899	2050708	171.418	163.717
19)	Endosulfan Sulfa	8.45	7.92	951173	2301205	186.396	151.493
20)	Methoxychlor	8.37	8.71	294304	924316	152.785	133.705
21)	Endrin Ketone	9.00	8.96	965694	2738920	166.924	146.033
22)	DCB-Surrogate	10.09	10.64	1216070	3353173	146.890	136.127
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

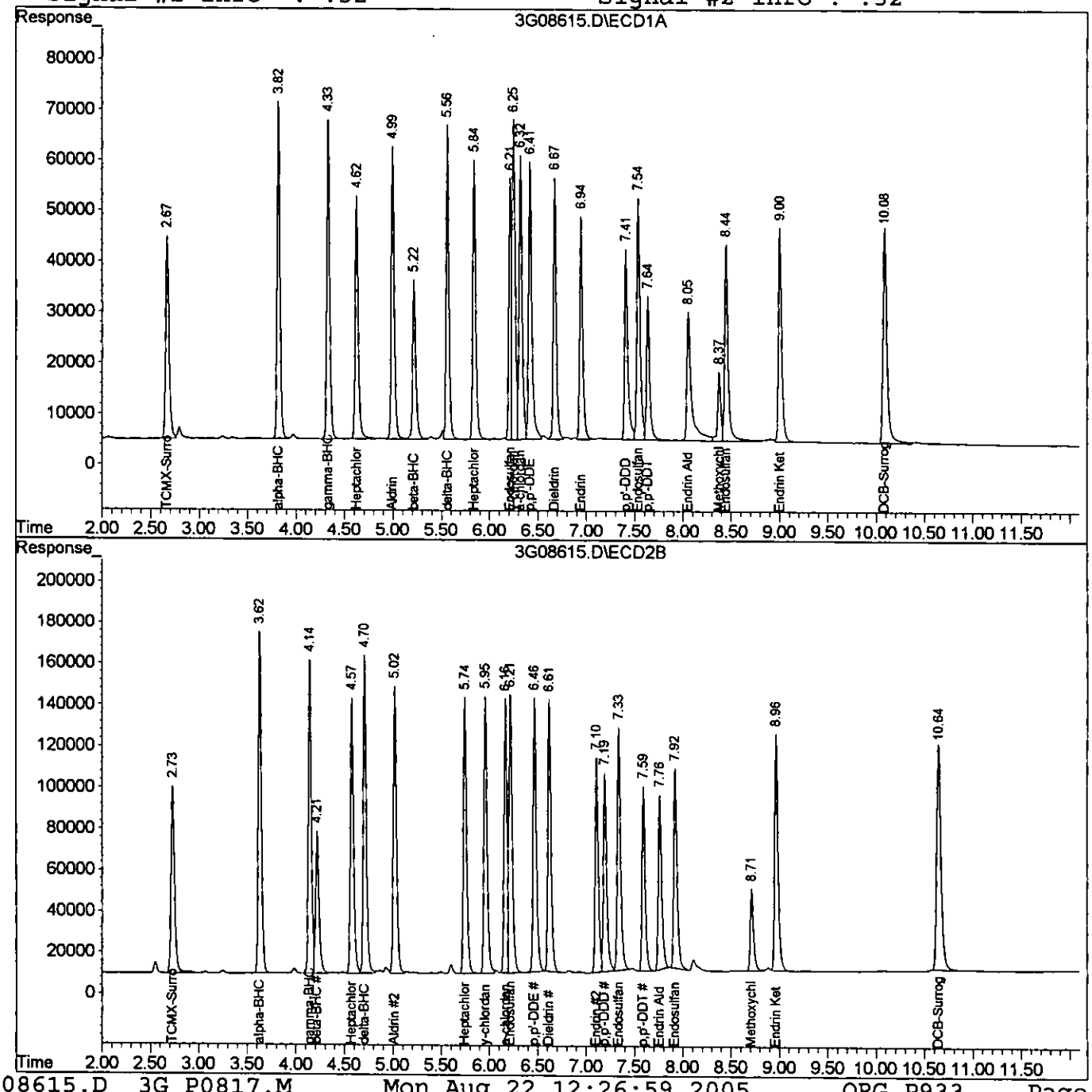
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08615.D\ECD1A.CH Vial: 6
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08615.D\ECD2B.CH
Acq On : 17 Aug 2005 8:46 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 17 9:20 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2005\Gc_3\Data\08-17-05\

Data File : 3G08616.D Vial: 7
Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08616.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08616.D\ECD2B.CH
Acq On : 17 Aug 2005 9:03 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 17 9:21 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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	2.67	2.73	1871021	4599722	323.628	309.972
2)	alpha-BHC	3.82	3.62	2783334	7682345	392.818	374.019
3)	gamma-BHC	4.33	4.14	2603672	6906047	390.751	343.488
4)	beta-BHC	5.22	4.22	1345296	3331433	390.570	370.122
5)	Heptachlor	4.62	4.57	2077094	6438781	380.092	328.680
6)	delta-BHC	5.56	4.70	2518174	7186949	374.827	350.685
7)	Aldrin	4.99	5.02	2502701	6733723	394.913	342.863
8)	Heptachlor Epoxi	5.84	5.74	2336755	6315130	374.502	345.296
9)	y-chlordane	6.25	5.95	2875978	6381283	389.733	343.025
10)	a-chlordane	6.32	6.16	2521739	5589030	367.647	370.539
11)	Endosulfan I	6.21	6.21	1699322	6953531	373.485	356.326
12)	p,p'-DDE	6.41	6.46	2528413	6376390	369.749	350.230
13)	Dieldrin	6.67	6.61	2200410	6260636	373.943	352.907
14)	Endrin	6.94	7.10	1916336	4882231	352.841	319.349
15)	p,p'-DDD	7.41	7.19	1701356	4837063	324.164	346.498
16)	Endosulfan II	7.54	7.33	2222737	5780914	365.537	339.366
17)	p,p'-DDT	7.63	7.59	1424650	4442406	383.642	344.610
18)	Endrin Aldehyde	8.05	7.76	1697069	4263630	345.949	349.632
19)	Endosulfan Sulfa	8.44	7.92	1840224	4872313	360.619	320.754
20)	Methoxychlor	8.37	8.71	607671	1995628	318.856	288.673
21)	Endrin Ketone	9.00	8.96	1982568	5787750	347.975	308.590
22)	DCB-Surrogate	10.08	10.64	2393706	6631181	289.138	269.203
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

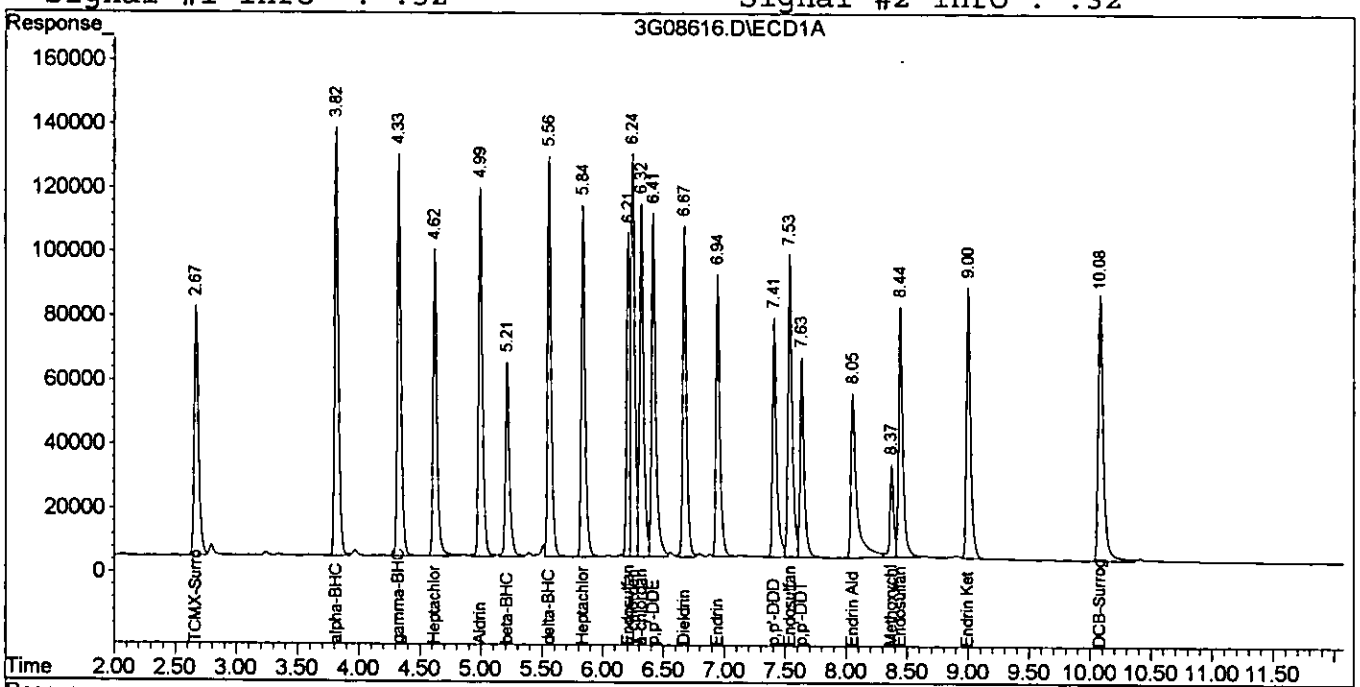
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

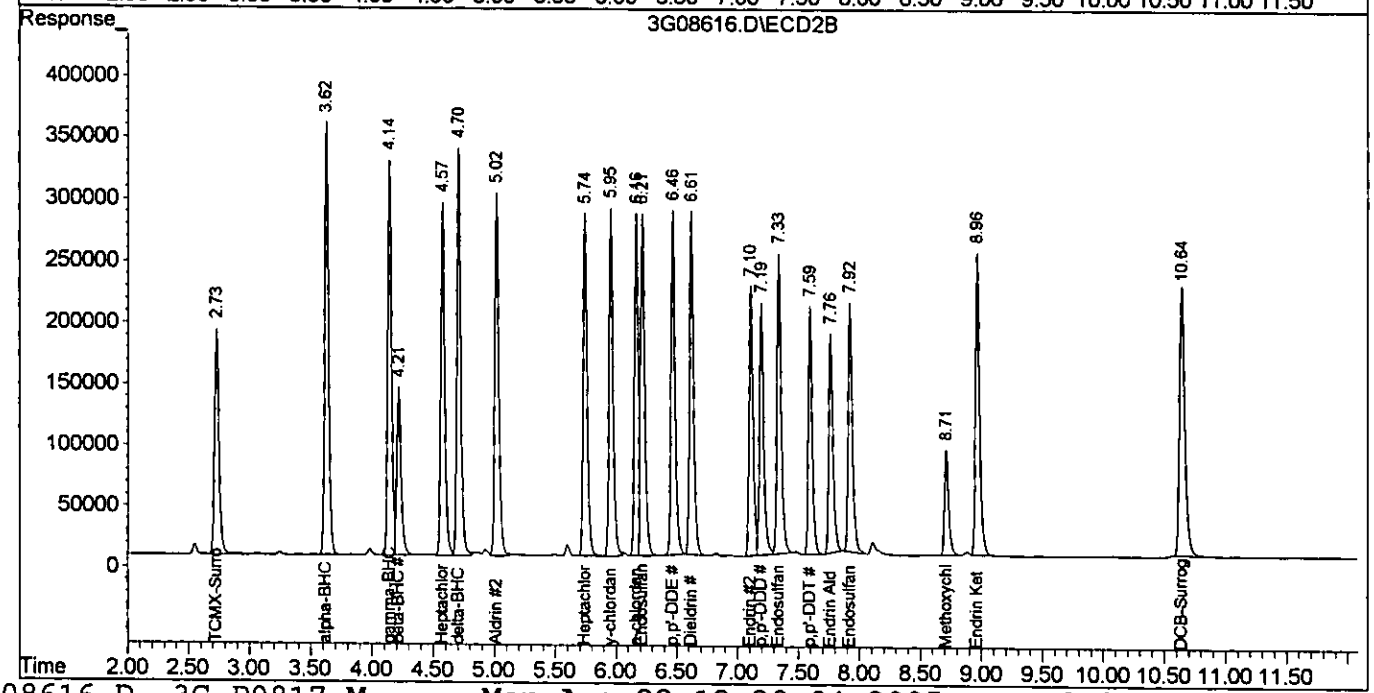
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08616.D\ECD1A.CH Vial: 7
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08616.D\ECD2B.CH
Acq On : 17 Aug 2005 9:03 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 17 9:21 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08617.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08617.D\ECD2B.CH
Acq On : 17 Aug 2005 9:19 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 17 9:38 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:37:27 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	2.66	2.72	496849	1208972	80.125	77.173
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	10.08	10.64	657853	1869880	81.865	78.616
23)	Chlordane {1}	4.62	4.57	29226	82016	100.000	100.000
24)	Chlordane {2}	6.25	5.95	60976	316234	106.197	99.736m
25)	Chlordane {3}	6.32	6.16	104029	129060	104.525	100.000
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

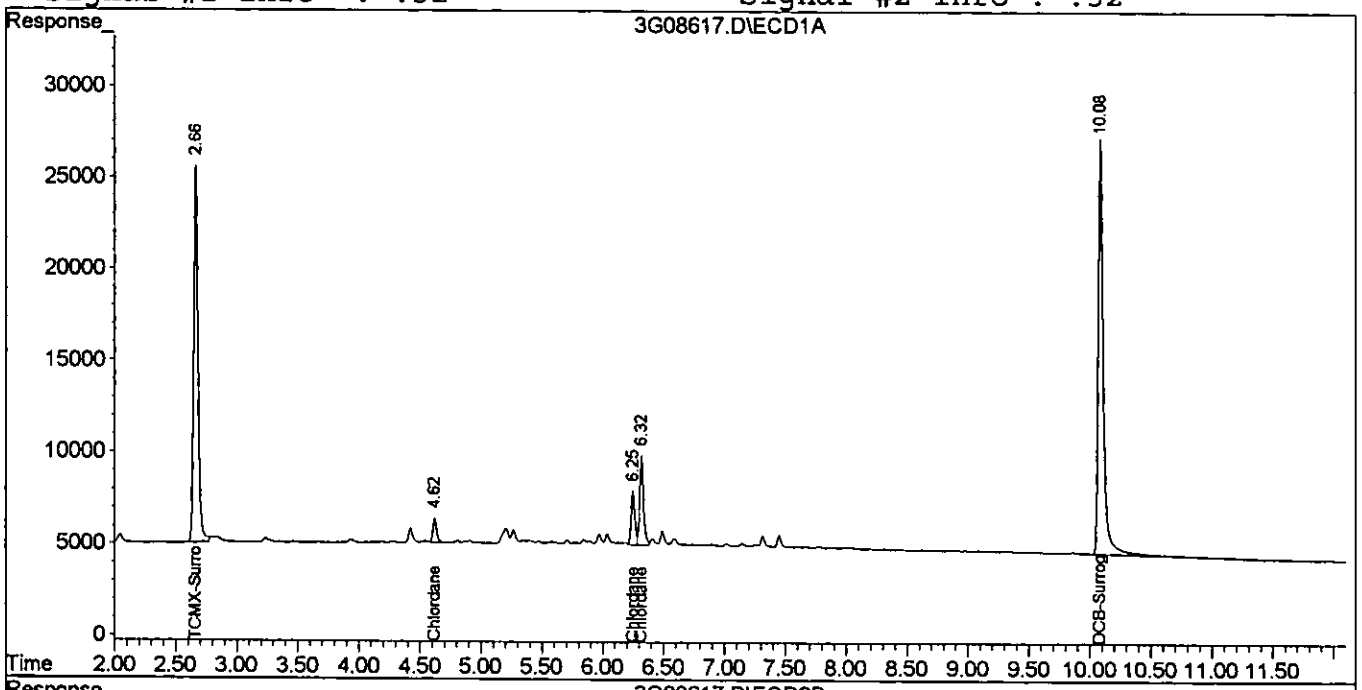
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

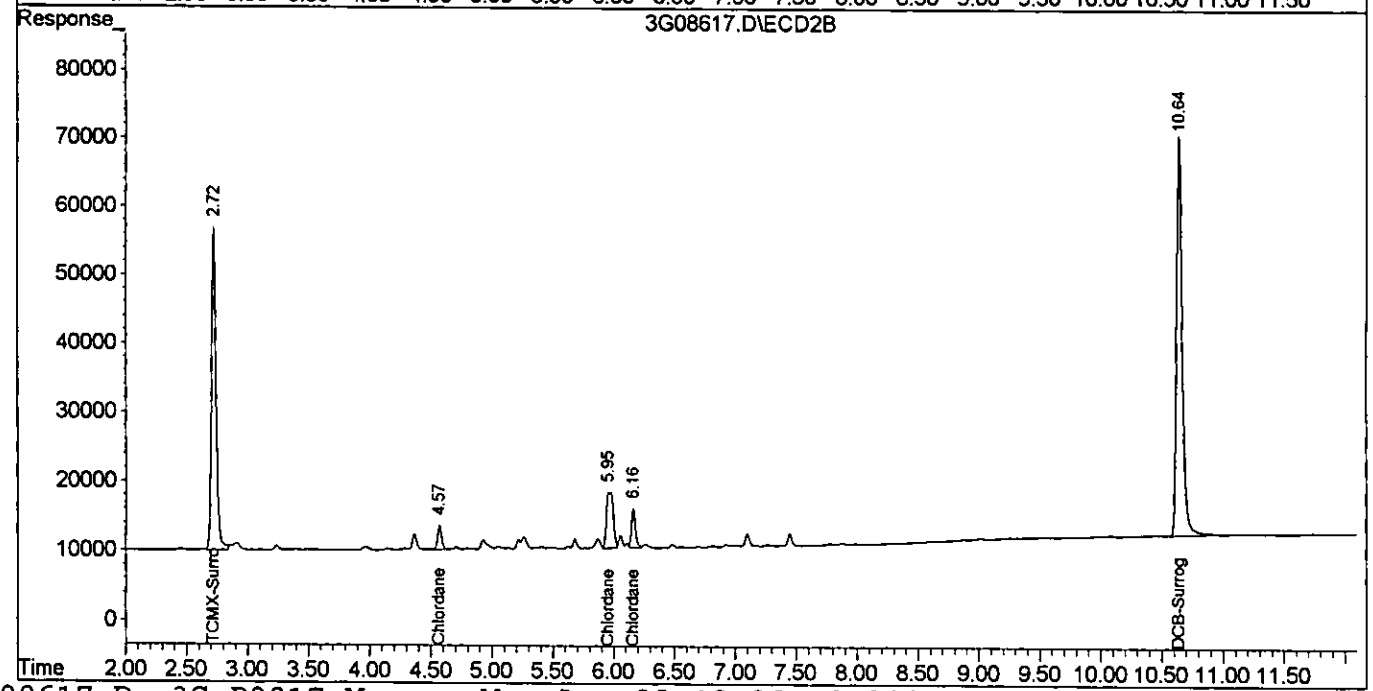
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08617.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08617.D\ECD2B.CH
Acq On : 17 Aug 2005 9:19 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 17 9:38 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:37:27 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\08-17-05\3G08618.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08618.D\ECD2B.CH
Acq On : 17 Aug 2005 9:36 Operator: JK
Sample : CAL TOX@500PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:45 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:37:27 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	2.72	258078	651203	36.280	34.114
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	10.08	10.64	337857	990023	40.810	40.192
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)	7.14	7.23f	18551	197429	421.625m	414.842
27)	Toxaphene (2)	7.39	7.13	7460	88799	331.316m	457.629m#
28)	Toxaphene (3)	7.66	7.54f	10369	65430	415.332m	374.602m
29)	Toxaphene (4)	8.05	8.44	12657	74745	507.887m	390.772
30)	Toxaphene (5)	8.41f	8.51	35458	68940	1266.799m	516.791m#

08/22/05

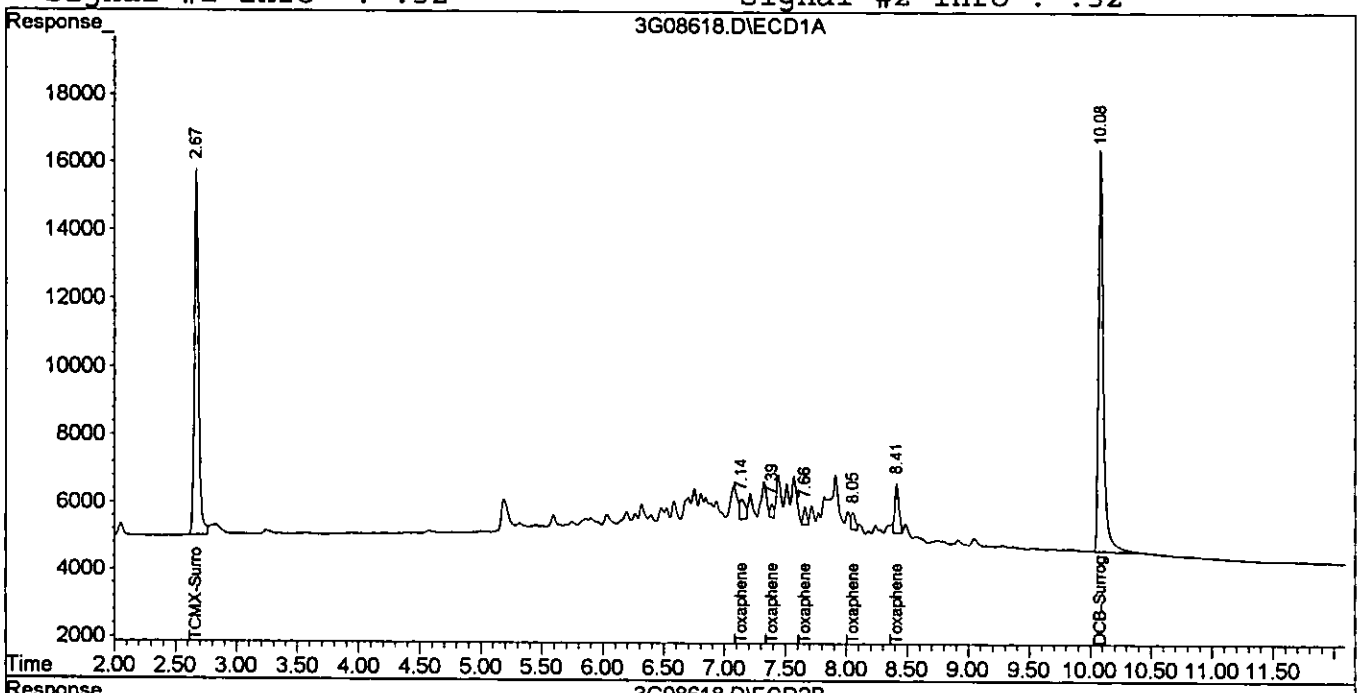
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

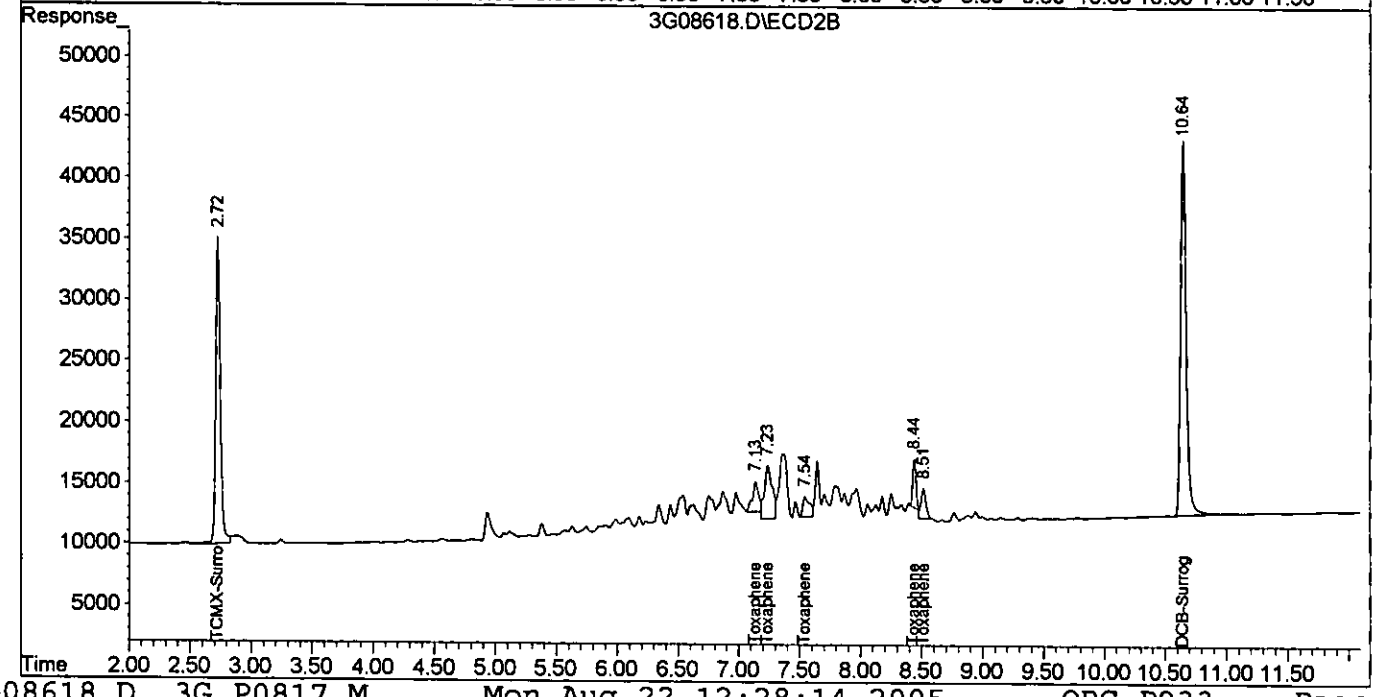
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08618.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08618.D\ECD2B.CH
Acq On : 17 Aug 2005 9:36 Operator: JK
Sample : CAL TOX@500PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:45 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:37:27 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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





Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G03570.D	CAL PEST@2PPB	08/17/05 08:14	2	5G03564.D	CAL PEST@10PPB	08/17/05 06:21
3	5G03565.D	CAL PEST@50PPB	08/17/05 06:40	4	5G03566.D	CAL PEST@100PPB	08/17/05 06:58
5	5G03567.D	CAL PEST@200PPB	08/17/05 07:17	6	5G03568.D	CAL PEST@400PPB	08/17/05 07:36
7	5G03569.D	CAL CHLOR@100PP	08/17/05 07:55	8	5G03571.D	CAL TOX@500PPB	08/17/05 08:32

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	750.47	630.51	685.76	685.34	696.40	703.25	---	---	692	6.71	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Lin	809.16	760.42	920.95	956.58	998.77	1018.0	---	---	911	8.00	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	932.84	708.18	780.59	807.32	841.91	872.81	---	---	824	8.53	0.999	1.00	9.4	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	411.01	363.41	370.98	374.26	385.63	397.69	---	---	384	9.42	1.00	1.00	4.7	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	694.35	580.03	628.94	636.41	646.42	653.59	---	---	640	8.80	1.00	1.00	5.8	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Lin	725.46	586.32	717.31	756.59	802.30	835.36	---	---	737	9.75	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	706.53	646.49	745.43	770.02	795.32	815.55	---	---	747	9.16	1.00	1.00	8.3	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	697.15	568.94	616.69	628.89	643.96	656.68	---	---	635	9.98	1.00	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	705.36	613.22	690.38	707.96	732.71	752.03	---	---	700	10.36	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	730.16	614.01	675.03	687.79	707.32	723.90	---	---	690	10.43	1.00	1.00	6.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	634.98	542.82	595.68	607.41	621.54	633.65	---	---	606	10.33	1.00	1.00	5.7	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	725.37	638.34	725.61	742.56	760.83	775.77	---	---	728	10.50	1.00	1.00	6.6	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	561.47	460.94	508.02	517.56	531.57	543.32	---	---	520	10.75	1.00	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	489.91	408.95	436.64	450.85	459.47	476.08	---	---	454	11.00	1.00	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	463.07	393.77	424.67	432.25	437.35	440.82	---	---	432	11.41	1.00	1.00	5.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	574.59	468.43	513.73	528.06	545.28	562.57	---	---	532	11.55	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	312.53	316.63	405.60	443.62	483.61	502.61	---	---	411	11.61	0.999	1.00	20	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Lin	349.70	255.36	304.60	327.48	340.71	326.42	---	---	317	12.02	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	470.31	387.63	430.93	442.00	468.26	505.87	---	---	451	12.37	0.998	1.00	9.0	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Avg	183.85	160.88	172.88	181.36	190.00	203.96	---	---	182	12.26	0.999	1.00	8.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Lin	544.08	389.16	413.83	423.75	441.52	460.89	---	---	446	12.90	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	822.85	682.48	698.36	701.31	710.25	731.69	---	---	724	13.89	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	36.4	8.80	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	75.8	10.36	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	117	10.43	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	3.34	10.44	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	6.34	11.45	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	11.9	11.58	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	9.91	11.87	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	11.9	12.32	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	636.40	564.01	604.64	603.06	609.03	609.15	---	---	604	6.61	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	813.20	779.03	921.20	942.85	966.61	982.86	---	---	901	7.62	1.00	1.00	9.4	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	765.82	688.25	780.31	797.60	823.06	840.87	---	---	783	8.16	1.00	1.00	6.9	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Avg	416.75	339.28	349.82	346.72	352.19	357.53	---	---	360	8.24	1.00	1.00	7.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	683.21	569.08	610.10	614.53	623.01	631.17	---	---	622	8.61	1.00	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	709.05	626.21	748.17	780.46	816.91	838.49	---	---	753	8.74	1.00	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 8.24 Avg Rsd Col 2: 7.95

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 whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

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

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

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G03570.D	CAL PEST@2PPB	08/17/05 08:14	2	5G03564.D	CAL PEST@10PPB	08/17/05 06:21
3	5G03565.D	CAL PEST@50PPB	08/17/05 06:40	4	5G03566.D	CAL PEST@100PPB	08/17/05 06:58
5	5G03567.D	CAL PEST@200PPB	08/17/05 07:17	6	5G03568.D	CAL PEST@400PPB	08/17/05 07:36
7	5G03569.D	CAL CHLOR@100PP	08/17/05 07:55	8	5G03571.D	CAL TOX@500PPB	08/17/05 08:32

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	664.22	616.88	694.78	707.05	721.51	729.35	---	---	689	9.05	1.00	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	671.13	558.21	608.73	623.36	635.57	643.11	---	---	623	9.74	1.00	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	682.16	571.45	623.32	633.91	648.45	660.70	---	---	637	9.94	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	674.23	575.54	608.69	615.05	627.78	638.08	---	---	623	10.14	1.00	1.00	5.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	626.63	539.33	580.36	586.86	598.51	605.69	---	---	590	10.19	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	621.19	547.53	612.82	624.79	640.37	651.48	---	---	616	10.41	1.00	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	546.42	445.49	495.47	514.29	538.57	559.16	---	---	517	10.57	0.999	1.00	8.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	432.02	360.87	384.93	401.80	417.25	440.40	---	---	406	11.02	0.999	1.00	7.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	392.33	329.93	361.70	370.67	382.66	395.53	---	---	372	11.07	1.00	1.00	6.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	491.46	460.64	504.57	515.71	533.65	548.86	---	---	509	11.22	1.00	1.00	6.2	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Lin	368.45	341.95	409.20	436.17	465.56	493.76	---	---	419	11.44	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Lin	483.03	327.37	355.01	365.62	388.19	404.43	---	---	387	11.60	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	409.83	358.43	409.57	429.97	454.93	477.40	---	---	423	11.74	0.999	1.00	9.8	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	148.81	142.52	172.94	167.05	175.26	185.53	---	---	165	12.43	0.999	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Lin	616.95	437.43	477.79	498.13	525.11	546.86	---	---	517	12.70	0.999	1.00	12	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Avg	727.73	595.64	597.15	591.09	594.54	606.93	---	---	619	14.31	1.00	1.00	8.7	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	---	---	---	---	---	---	---	---	34.2	8.61	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	---	---	---	---	---	---	---	---	133	9.94	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	---	---	---	---	---	---	---	---	53.1	10.14	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	---	---	---	---	---	---	---	---	4.90	10.68	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	---	---	---	---	---	---	---	---	2.95	11.34	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	---	---	---	---	---	---	---	---	7.35	11.49	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	---	---	---	---	---	---	---	---	7.53	12.21	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	---	---	---	---	---	---	---	---	7.20	12.28	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 8.24 Avg Rsd Col 2: 7.95

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. pch/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)

Data Path : G:\Gcdata\2005\Gc_5\Data\08-17-05\

Data File : 5G03570.D Vial: 2
Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03570.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03570.D\ECD2B.CH
Acq On : 8-17-05 8:14:07 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:40 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	15009533	12728029	1.953	1.867
2)	alpha-BHC	8.00	7.62	16183330	16264013	1.866	1.835
3)	gamma-BHC	8.53	8.16	18656924	15316439	2.466	1.970
4)	beta-BHC	9.42	8.24	8220352	8335133	2.288m	2.361
5)	Heptachlor	8.80	8.61	13887132	13664284	2.279	2.351
6)	delta-BHC	9.75	8.74	14509339	14181165	1.998	1.787
7)	Aldrin	9.16	9.05	14130622	13284510	1.885	1.926
8)	Heptachlor Epoxi	9.98	9.75	13943053	13422663	2.289	2.179
9)	y-chlordane	10.36	9.94	14107299	13643308	2.096	2.172
10)	a-chlordane	10.43	10.14	14603304	13484701	2.205	2.165
11)	Endosulfan I	10.33	10.19	12699755	12532779	2.157	2.116
12)	p,p'-DDE	10.50	10.41	14507490	12423961	2.066	2.031
13)	Dieldrin	10.75	10.57	11229428	10928590	2.252	2.090
14)	Endrin	11.00	11.02	9798258	8640473	2.178	2.028
15)	p,p'-DDD	11.41	11.07	9261540	7846615	2.158	2.105
16)	Endosulfan II	11.55	11.22	11491893	9829320	2.248	1.952
17)	p,p'-DDT	11.61	11.44	6250668	7369093	1.589	1.793
18)	Endrin Aldehyde	12.02	11.60	6994135	9660676	2.284	2.414
19)	Endosulfan Sulfa	12.37	11.74	9406320	8196687	2.065m	1.826
20)	Methoxychlor	12.26	12.43	3677133	2976245	2.226m	1.901
21)	Endrin Ketone	12.90	12.70	10881743	12339050	2.597m	2.441
22)	DCB-Surrogate	13.89	14.31	16457128	14554746	2.389	2.350m
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

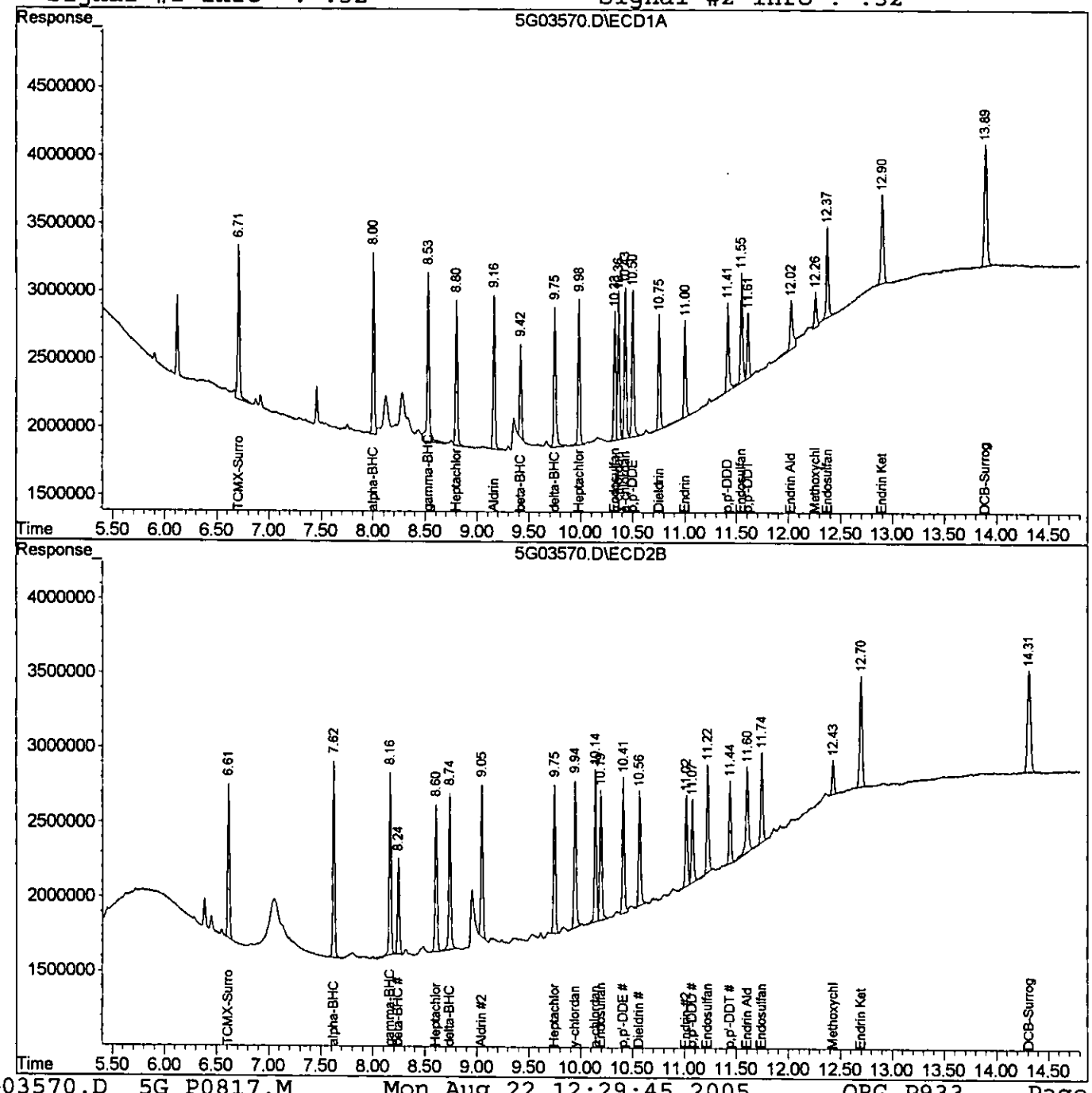
08/22/05

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

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03570.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03570.D\ECD2B.CH
Acq On : 8-17-05 8:14:07 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:40 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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



Quantitation Report (QT Reviewed)

117

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03564.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03564.D\ECD2B.CH
Acq On : 8-17-05 6:21:14 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:42 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	63051708	56401656	8.205	8.273
2)	alpha-BHC	8.00	7.62	76042143	77903056	8.769	8.790
3)	gamma-BHC	8.53	8.16	70818047	68825484	9.362	8.851
4)	beta-BHC	9.42	8.24	36341200	33928968	10.114	9.612
5)	Heptachlor	8.80	8.61	58003630	56908688	9.520	9.791
6)	delta-BHC	9.75	8.74	58632072	62621462	8.074	7.890
7)	Aldrin	9.16	9.05	64649600	61688052	8.626	8.945
8)	Heptachlor Epoxi	9.98	9.75	56894816	55821835	9.341	9.063
9)	y-chlordane	10.37	9.94	61322039	57145157	9.109	9.099
10)	a-chlordane	10.43	10.14	61401910	57554364	9.269	9.242
11)	Endosulfan I	10.33	10.19	54282664	53933333	9.222	9.105
12)	p,p'-DDE	10.50	10.41	63834688	54753048	9.090	8.953
13)	Dieldrin	10.76	10.57	46094954	44549192	9.245	8.521
14)	Endrin	11.00	11.02	40895016	36087807	9.092	8.470m
15)	p,p'-DDD	11.42	11.07	39377808	32993733	9.177	8.850
16)	Endosulfan II	11.55	11.22	46843073	46064126	9.164	9.147
17)	p,p'-DDT	11.61	11.44	31663080	34195780	8.049m	8.322m
18)	Endrin Aldehyde	12.02	11.60	25536022	32737233	8.340m	8.179m
19)	Endosulfan Sulfa	12.37	11.74	38763646	35843132	8.508	7.986
20)	Methoxychlor	12.26	12.43	16088517	14252471	9.740	9.103m
21)	Endrin Ketone	12.90	12.70	38916732	43743532	9.288	8.655
22)	DCB-Surrogate	13.90	14.31	68248575	59564029	9.908	9.617
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

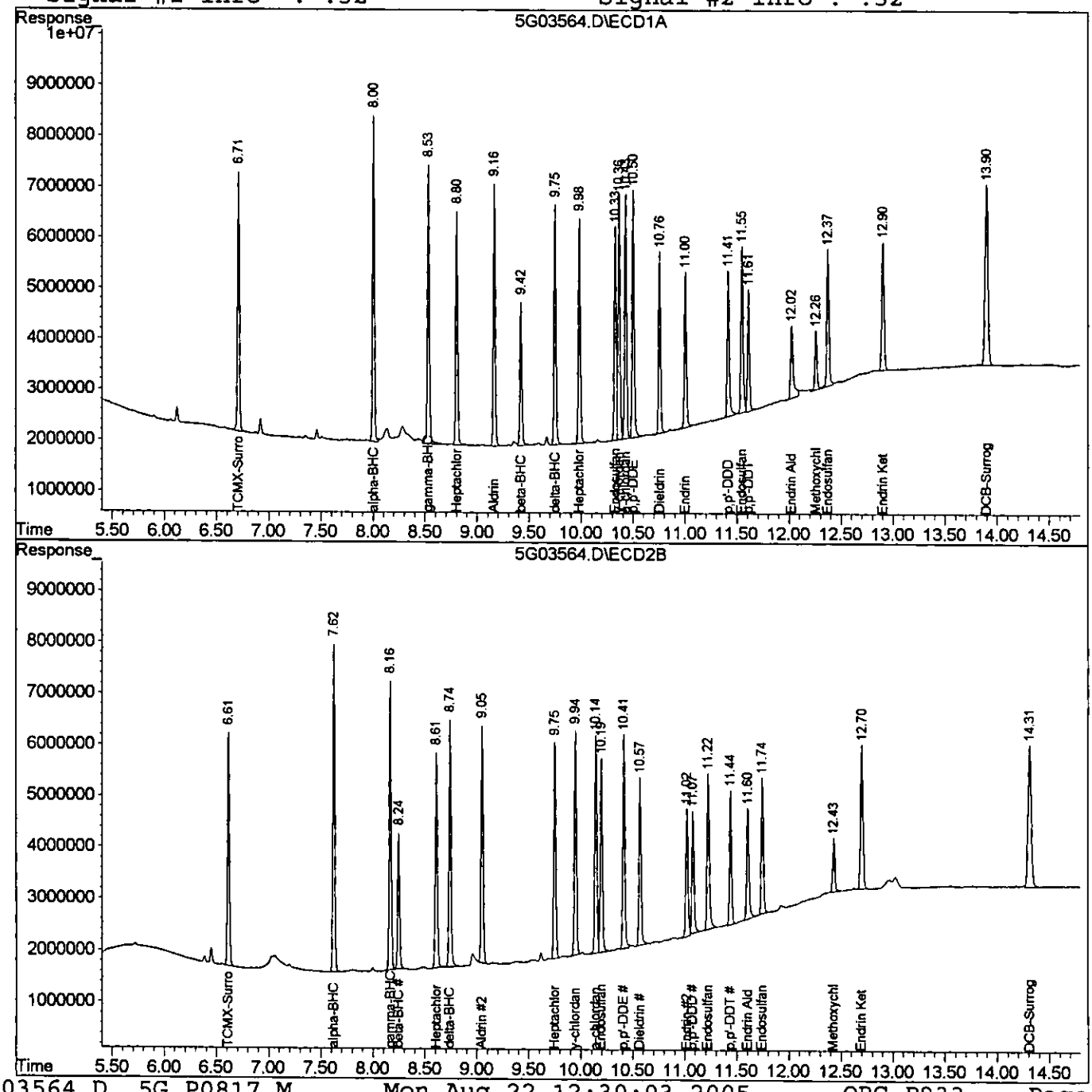
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03564.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03564.D\ECD2B.CH
Acq On : 8-17-05 6:21:14 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:42 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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



Quantitation Report (QT Reviewed)

Data: 5G03565.D Vial: 4
Acq On : 8-17-05 6:40:01 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:02 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	342.9E6	302.3E6	44.619	44.344
2)	alpha-BHC	8.00	7.62	460.5E6	460.6E6	53.101	51.970
3)	gamma-BHC	8.53	8.16	390.3E6	390.2E6	51.596	50.173
4)	beta-BHC	9.42	8.24	185.5E6	174.9E6	51.621	49.554
5)	Heptachlor	8.80	8.61	314.5E6	305.1E6	51.612	52.486
6)	delta-BHC	9.75	8.74	358.7E6	374.1E6	49.392	47.132
7)	Aldrin	9.16	9.05	372.7E6	347.4E6	49.728	50.373
8)	Heptachlor Epoxi	9.98	9.74	308.3E6	304.4E6	50.623	49.415
9)	y-chlordane	10.36	9.94	345.2E6	311.7E6	51.275	49.627
10)	a-chlordane	10.43	10.14	337.5E6	304.3E6	50.952	48.872
11)	Endosulfan I	10.33	10.19	297.8E6	290.2E6	50.597	48.989
12)	p,p'-DDE	10.50	10.41	362.8E6	306.4E6	51.662	50.101
13)	Dieldrin	10.75	10.57	254.0E6	247.7E6	50.944	47.388
14)	Endrin	11.00	11.02	218.3E6	192.5E6	48.540	45.172
15)	p,p'-DDD	11.41	11.07	212.3E6	180.9E6	49.486	48.511
16)	Endosulfan II	11.55	11.22	256.9E6	252.3E6	50.250	50.098
17)	p,p'-DDT	11.61	11.44	202.8E6	204.6E6	51.557	49.790
18)	Endrin Aldehyde	12.02	11.60	152.3E6	177.5E6	49.741	44.351
19)	Endosulfan Sulfa	12.37	11.74	215.5E6	204.8E6	47.292	45.625
20)	Methoxychlor	12.26	12.43	86444704	86471350	52.333	55.226
21)	Endrin Ketone	12.90	12.70	206.9E6	238.9E6	49.383	47.269
22)	DCB-Surrogate	13.89	14.31	349.2E6	298.6E6	50.693	48.208
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

8/22/05

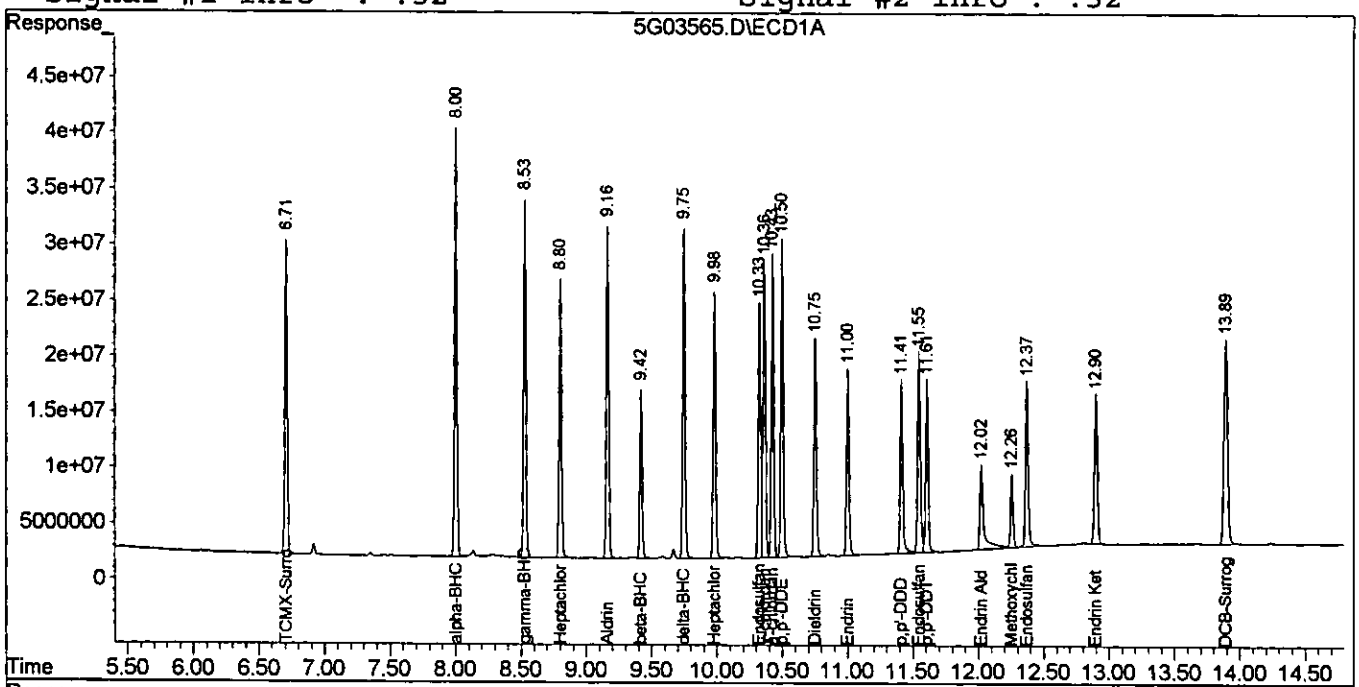
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

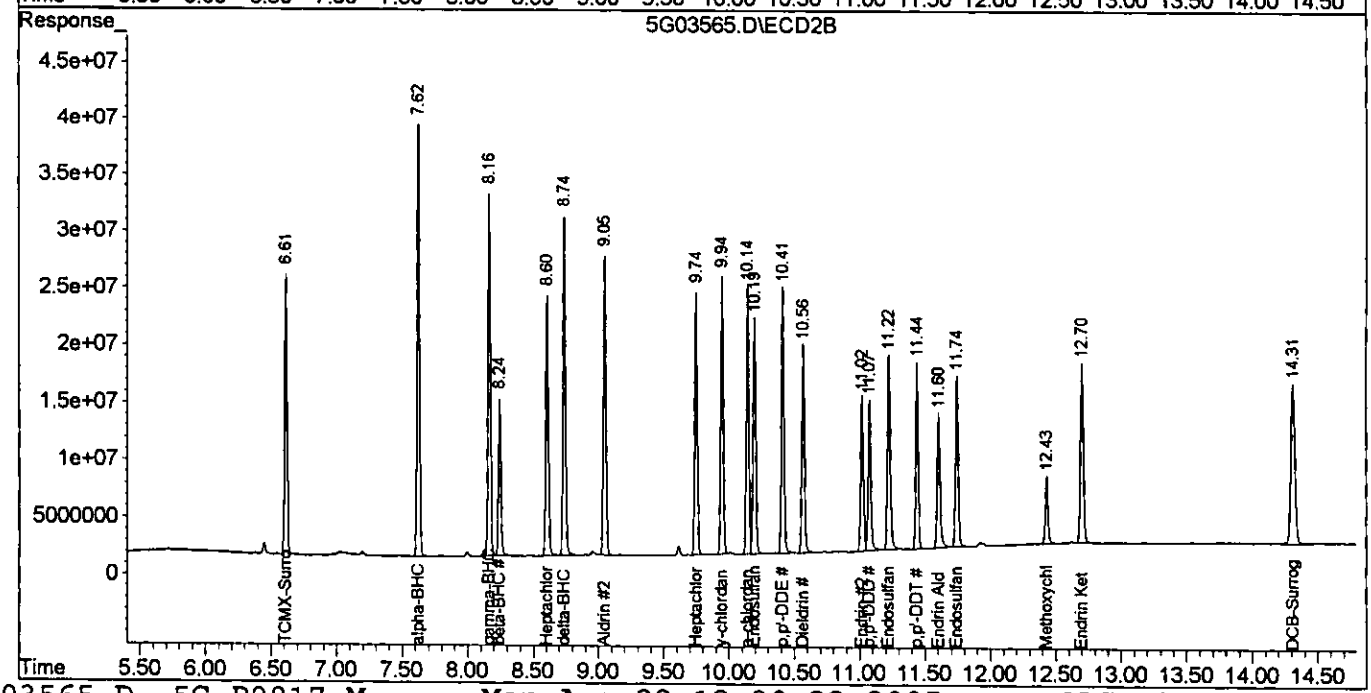
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03565.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03565.D\ECD2B.CH
Acq On : 8-17-05 6:40:01 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:02 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03566.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03566.D\ECD2B.CH
Acq On : 8-17-05 6:58:49 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:03 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	685.3E6	603.1E6	89.185	88.455
2)	alpha-BHC	8.00	7.62	956.6E6	942.9E6	110.312	106.382
3)	gamma-BHC	8.53	8.16	807.3E6	797.6E6	106.727	102.570
4)	beta-BHC	9.42	8.24	374.3E6	346.7E6	104.156	98.228
5)	Heptachlor	8.80	8.61	636.4E6	614.5E6	104.450	105.735
6)	delta-BHC	9.75	8.74	756.6E6	780.5E6	104.194	98.332
7)	Aldrin	9.16	9.05	770.0E6	707.1E6	102.739	102.524
8)	Heptachlor Epoxi	9.98	9.75	628.9E6	623.4E6	103.247	101.205
9)	y-chlordane	10.36	9.94	708.0E6	633.9E6	105.162	100.941
10)	a-chlordane	10.43	10.14	687.8E6	615.1E6	103.830	98.764
11)	Endosulfan I	10.33	10.19	607.4E6	586.9E6	103.187	99.076
12)	p,p'-DDE	10.50	10.41	742.6E6	624.8E6	105.739	102.160
13)	Dieldrin	10.75	10.56	517.6E6	514.3E6	103.801	98.375
14)	Endrin	11.00	11.02	450.9E6	401.8E6	100.240	94.304
15)	p,p'-DDD	11.41	11.07	432.3E6	370.7E6	100.738	99.429
16)	Endosulfan II	11.55	11.22	528.1E6	515.7E6	103.302	102.407
17)	p,p'-DDT	11.61	11.44	443.6E6	436.2E6	112.780	106.142
18)	Endrin Aldehyde	12.02	11.60	327.5E6	365.6E6	106.952	91.351
19)	Endosulfan Sulfa	12.37	11.74	442.0E6	430.0E6	97.015	95.796
20)	Methoxychlor	12.26	12.43	181.4E6	167.1E6	109.797	106.695
21)	Endrin Ketone	12.90	12.70	423.8E6	498.1E6	101.133	98.563
22)	DCB-Surrogate	13.89	14.31	701.3E6	591.1E6	101.813	95.436
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

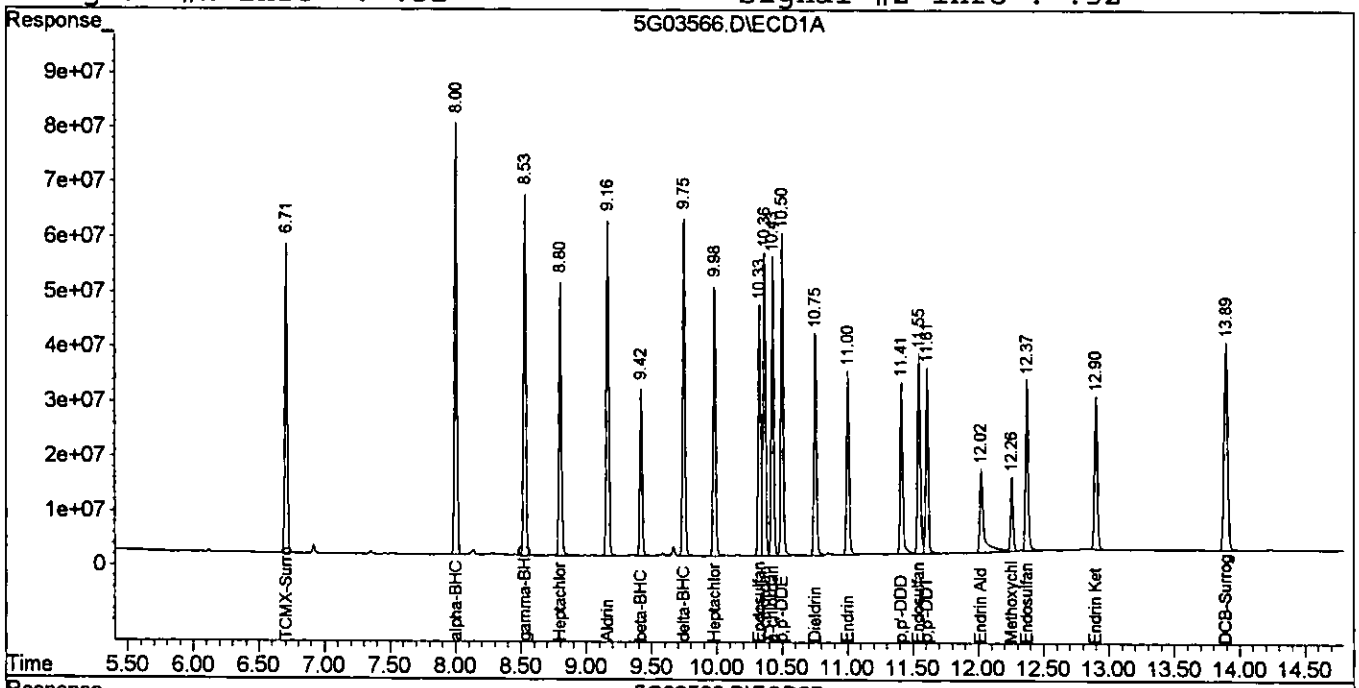
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

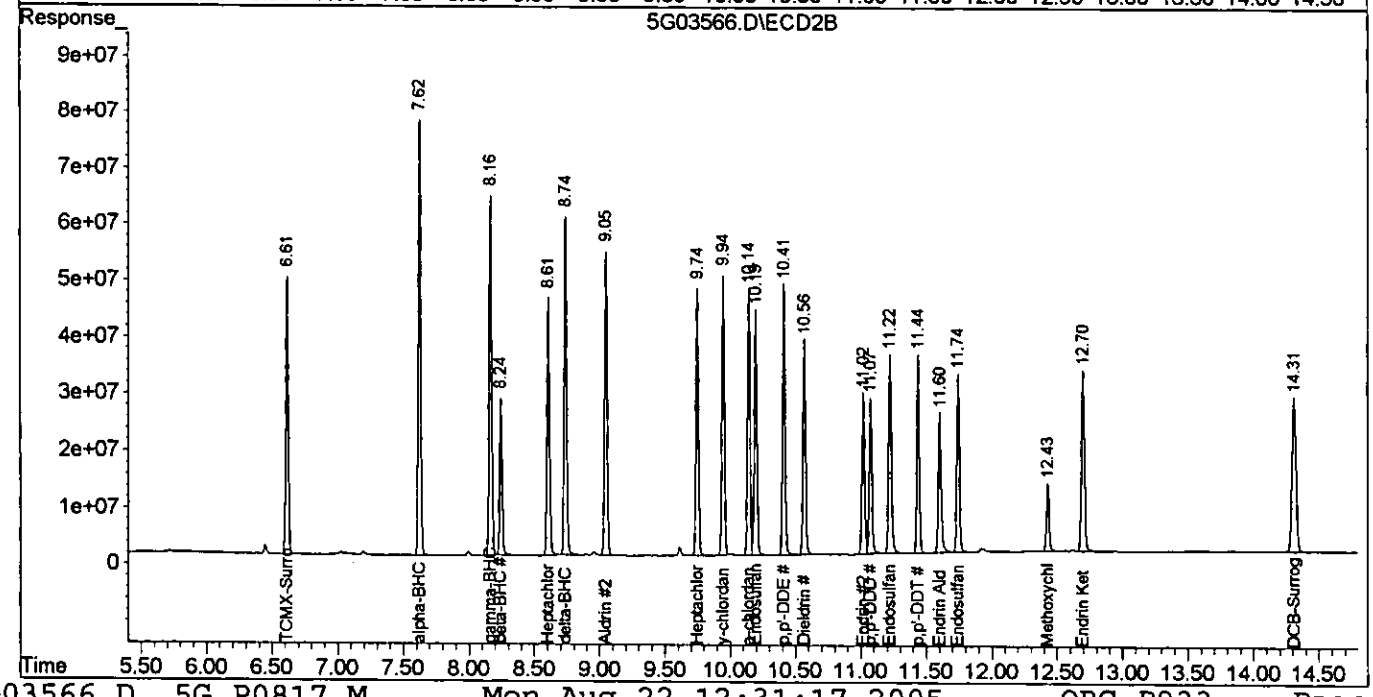
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03566.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03566.D\ECD2B.CH
Acq On : 8-17-05 6:58:49 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:03 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





Quantitation Report (QT Reviewed)

Data: 5G03567.D Vial: 6

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03567.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03567.D\ECD2B.CH
Acq On : 8-17-05 7:17:35 Operator: JK
Sample : CAL PEST@200PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:04 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	1392.8E6	1218.1E6	181.247	178.661
2)	alpha-BHC	8.00	7.62	1997.5E6	1933.2E6	230.354	218.126
3)	gamma-BHC	8.53	8.16	1683.8E6	1646.1E6	222.598	211.688
4)	beta-BHC	9.42	8.24	771.3E6	704.4E6	214.641	199.553
5)	Heptachlor	8.80	8.61	1292.8E6	1246.0E6	212.186	214.388
6)	delta-BHC	9.75	8.74	1604.6E6	1633.8E6	220.977	205.848
7)	Aldrin	9.16	9.05	1590.7E6	1443.0E6	212.228	209.241
8)	Heptachlor Epoxi	9.98	9.75	1287.9E6	1271.1E6	211.443	206.374
9)	y-chlordane	10.36	9.94	1465.4E6	1296.9E6	217.677	206.512
10)	a-chlordane	10.43	10.14	1414.6E6	1255.6E6	213.556	201.618
11)	Endosulfan I	10.33	10.19	1243.1E6	1197.0E6	211.177	202.086
12)	p,p'-DDE	10.50	10.41	1521.7E6	1280.7E6	216.681	209.415
13)	Dieldrin	10.75	10.57	1063.2E6	1077.2E6	213.221	206.040
14)	Endrin	11.00	11.02	918.9E6	834.5E6	204.310	195.860
15)	p,p'-DDD	11.41	11.07	874.7E6	765.3E6	203.852	205.292
16)	Endosulfan II	11.55	11.22	1090.6E6	1067.3E6	213.342	211.938
17)	p,p'-DDT	11.61	11.44	967.2E6	931.1E6	245.894	226.589
18)	Endrin Aldehyde	12.02	11.60	681.4E6	776.4E6	222.551	193.981
19)	Endosulfan Sulfa	12.37	11.74	936.5E6	909.9E6	205.555	202.713
20)	Methoxychlor	12.26	12.43	380.0E6	350.5E6	230.052	223.877
21)	Endrin Ketone	12.90	12.70	883.1E6	1050.2E6	210.748	207.802
22)	DCB-Surrogate	13.89	14.31	1420.5E6	1189.1E6	206.224	191.987
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/Nov

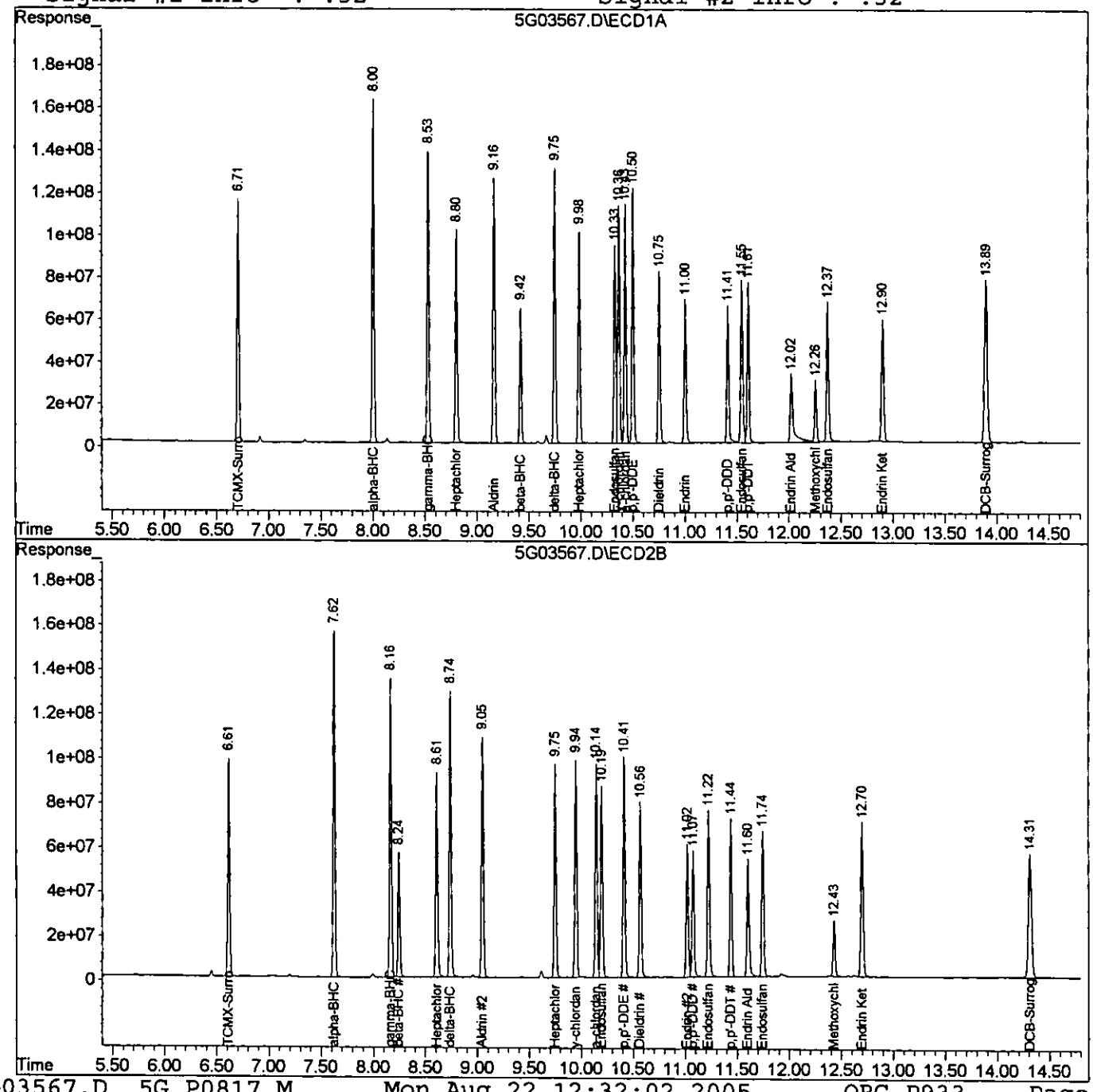
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03567.D\ECD1A.CH Vial: 6
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03567.D\ECD2B.CH
Acq On : 8-17-05 7:17:35 Operator: JK
Sample : CAL PEST@200PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:04 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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



Quantitation Report (QT Reviewed)

Data: 5G03568.D Vial: 7

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03568.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03568.D\ECD2B.CH
Acq On : 8-17-05 7:36:31 Operator: JK
Sample : CAL PEST@400PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:46 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	2813.0E6	2436.6E6	366.063	357.393
2)	alpha-BHC	8.00	7.62	4072.3E6	3931.4E6	469.612m	443.583
3)	gamma-BHC	8.53	8.16	3491.3E6	3363.5E6	461.536	432.538
4)	beta-BHC	9.42	8.24	1590.8E6	1430.1E6	442.703	405.158
5)	Heptachlor	8.80	8.61	2614.4E6	2524.7E6	429.079	434.385
6)	delta-BHC	9.75	8.74	3341.5E6	3354.0E6	460.168m	422.572m
7)	Aldrin	9.16	9.05	3262.2E6	2917.4E6	435.250	423.029
8)	Heptachlor Epoxi	9.98	9.75	2626.7E6	2572.5E6	431.240	417.645
9)	y-chlordane	10.36	9.94	3008.1E6	2642.8E6	446.832	420.825
10)	a-chlordane	10.43	10.14	2895.6E6	2552.3E6	437.125	409.847
11)	Endosulfan I	10.33	10.19	2534.6E6	2422.8E6	430.580	409.015
12)	p,p'-DDE	10.50	10.41	3103.1E6	2605.9E6	441.872	426.097
13)	Dieldrin	10.75	10.57	2173.3E6	2236.7E6	435.870	427.833
14)	Endrin	11.00	11.02	1904.3E6	1761.6E6	423.393	413.455
15)	p,p'-DDD	11.41	11.07	1763.3E6	1582.1E6	410.944	424.394
16)	Endosulfan II	11.55	11.22	2250.3E6	2195.4E6	440.216	435.955
17)	p,p'-DDT	11.61	11.44	2010.4E6	1975.1E6	511.102m	480.629
18)	Endrin Aldehyde	12.02	11.60	1305.7E6	1617.7E6	426.432m	404.191
19)	Endosulfan Sulfa	12.37	11.74	2023.5E6	1909.6E6	444.129	425.452
20)	Methoxychlor	12.26	12.43	815.8E6	742.2E6	493.906	473.988
21)	Endrin Ketone	12.90	12.70	1843.6E6	2187.5E6	439.987	432.825m
22)	DCB-Surrogate	13.89	14.31	2926.8E6	2427.7E6	424.897	391.977
23)	Chlordane {1}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Chlordane {2}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Chlordane {3}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

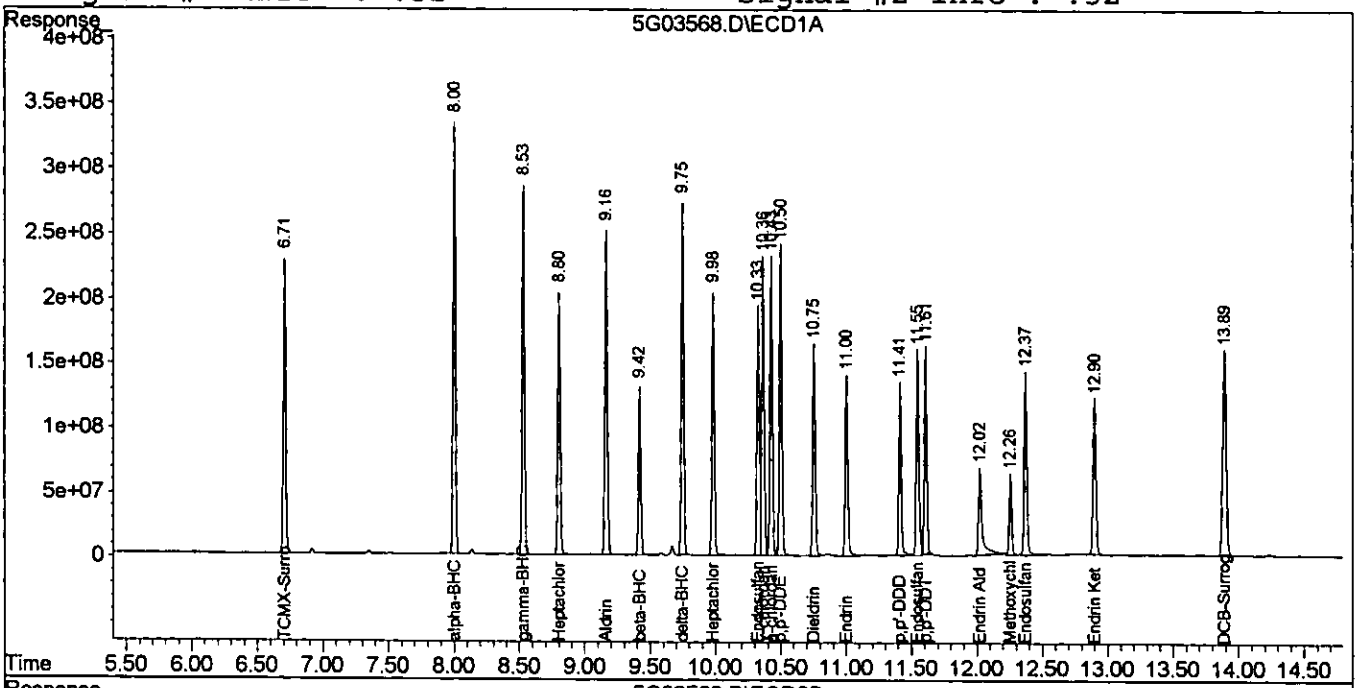
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

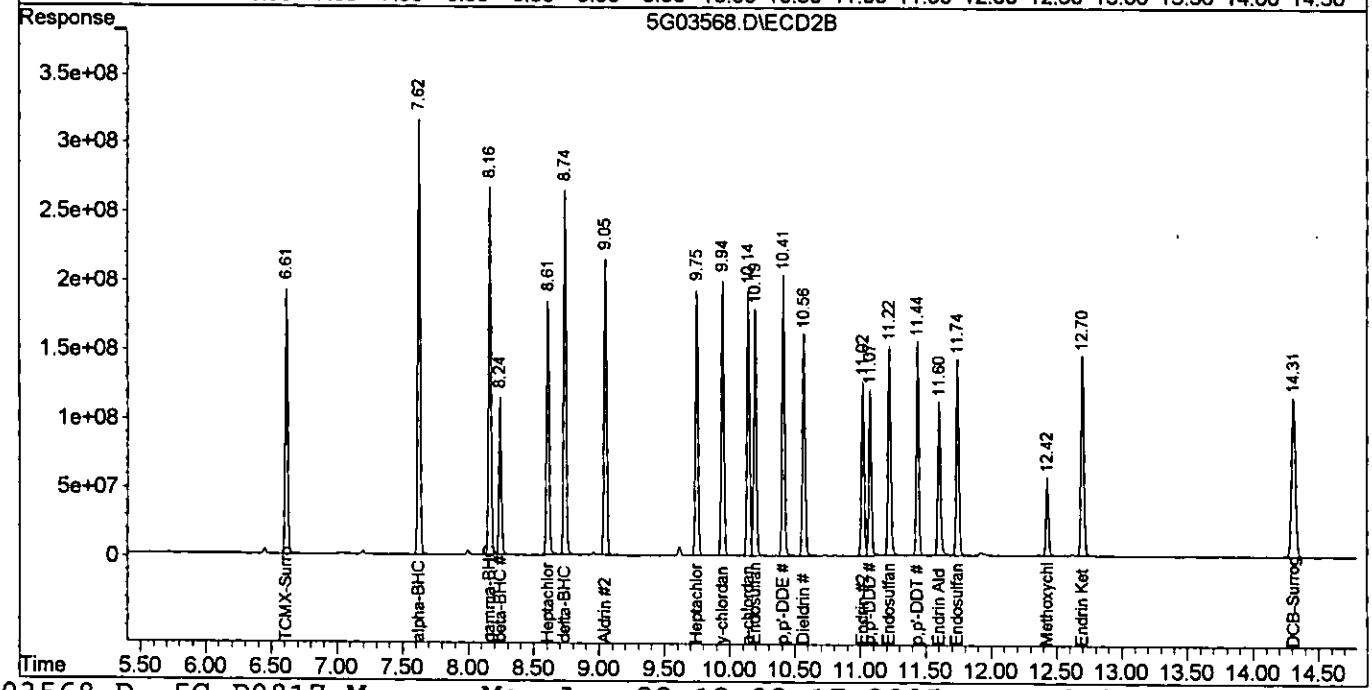
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03568.D\ECD1A.CH Vial: 7
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03568.D\ECD2B.CH
Acq On : 8-17-05 7:36:31 Operator: JK
Sample : CAL PEST@400PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 9:46 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03569.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03569.D\ECD2B.CH
Acq On : 8-17-05 7:55:18 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:28 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	727.1E6	641.9E6	94.622	94.158
2)	alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3)	gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5)	Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6)	delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8)	Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9)	y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10)	a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11)	Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12)	p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13)	Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14)	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15)	p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16)	Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17)	p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18)	Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19)	Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20)	Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21)	Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22)	DCB-Surrogate	13.89	14.31	720.7E6	605.9E6	104.622	97.831
23)	Chlordane {1}	8.80	8.60	36385551	34201156	105.407	106.002
24)	Chlordane {2}	10.36	9.94	75836397	132.6E6	102.453	99.350m
25)	Chlordane {3}	10.42	10.14	117.1E6	53069001	103.174	100.597
26)	Toxaphene {1}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Toxaphene {2}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Toxaphene {3}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Toxaphene {4}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Toxaphene {5}	0.00	0.00	0	0	N.D. d	N.D. d

08/22/05

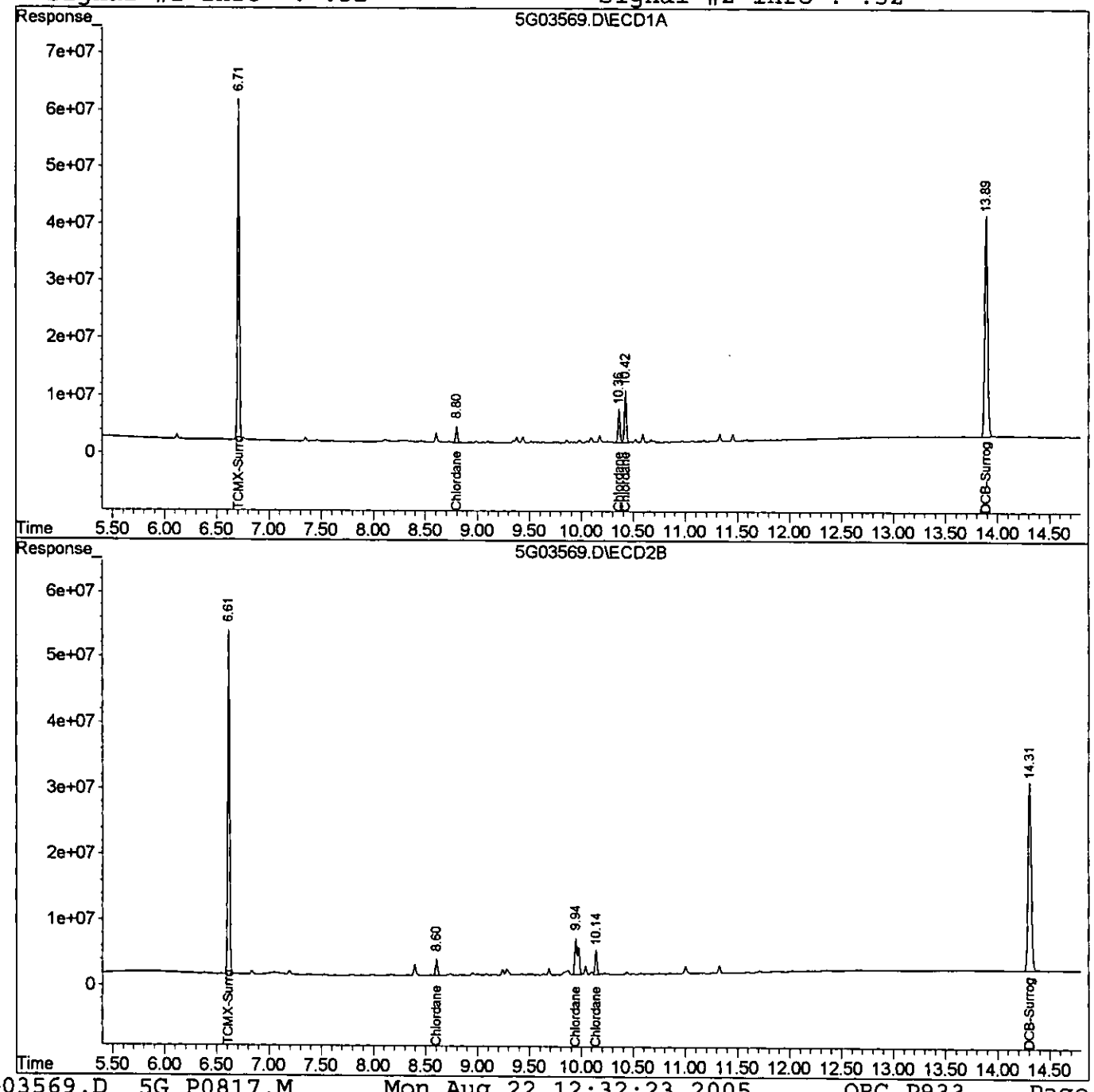
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03569.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03569.D\ECD2B.CH
Acq On : 8-17-05 7:55:18 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 8:28 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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



Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2005\Gc_5\Data\08-17-05\

Data File : 5G03571.D Vial: 9

Acq On : 8-17-05 8:32:54 Operator: JK

Sample : CAL TOX@500PPB Inst : GC_5

Misc : A,PEST Multiplr: 1.00

IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e

Quant Time: Aug 19 14:34 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr

Title : @GC_5,ug,608,8081

Last Update : Wed Aug 17 13:17:14 2005

Response via : Initial Calibration

DataAcq Meth : 5G_8081.M

Volume Inj. : 1ul

Signal #1 Phase : db-1701 Signal #2 Phase: db-608

Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	377.1E6	331.7E6	54.491	54.877
2)	alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
3)	gamma-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
5)	Heptachlor	0.00	0.00	0	0	N.D. d	N.D. d
6)	delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
8)	Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
9)	y-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
10)	a-chlordane	0.00	0.00	0	0	N.D. d	N.D. d
11)	Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
12)	p,p'-DDE	0.00	0.00	0	0	N.D. d	N.D. d
13)	Dieldrin	0.00	0.00	0	0	N.D. d	N.D. d
14)	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
15)	p,p'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
16)	Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
17)	p,p'-DDT	0.00	0.00	0	0	N.D. d	N.D. d
18)	Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
19)	Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
20)	Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
21)	Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
22)	DCB-Surrogate	13.89	14.31	373.3E6	318.6E6	51.531	51.475
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}	10.77	10.79	31485952	8452962	943.175	172.536 #
27)	Toxaphene {2}	11.45	11.40	42218013	12485984	665.553m	423.413 #
28)	Toxaphene {3}	11.79	11.49	28908731	36754945	242.464	500.000 #
29)	Toxaphene {4}	12.32	11.97	59422228	12950543	599.834	171.898 #
30)	Toxaphene {5}	12.39	12.21	26344568	37669314	221.673	523.255 #

08/22/05

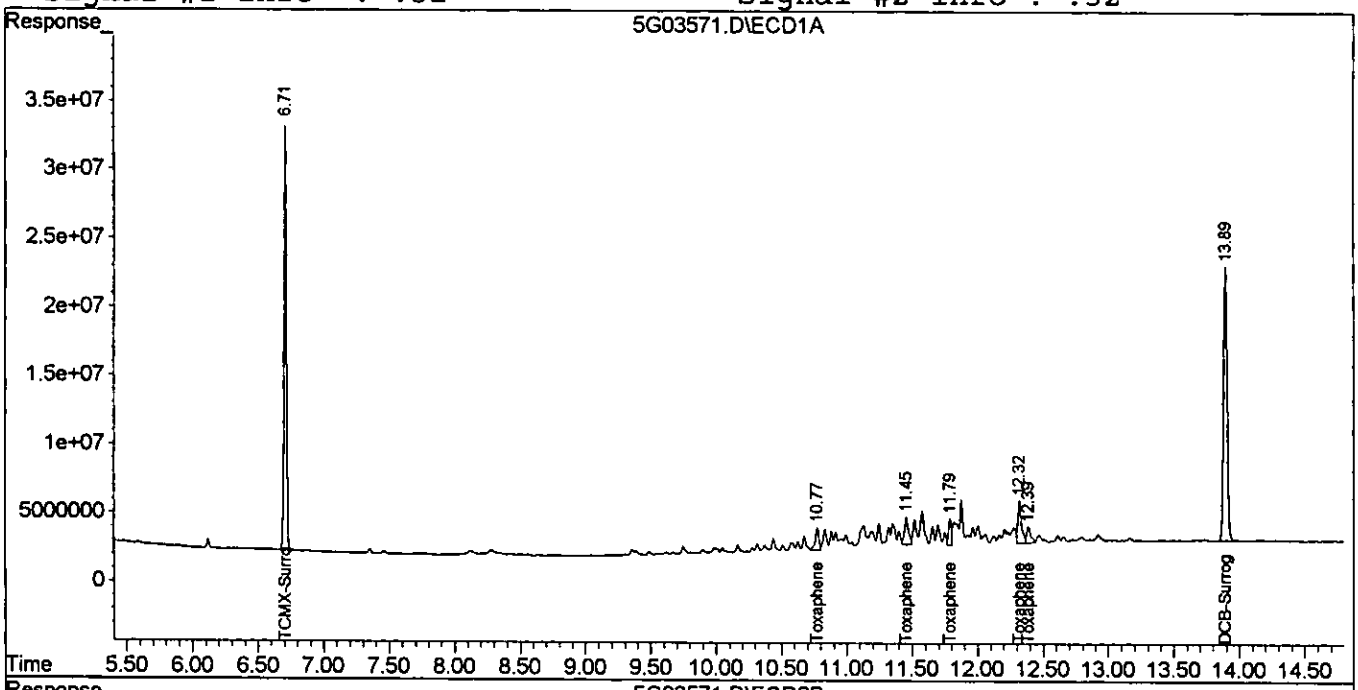
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

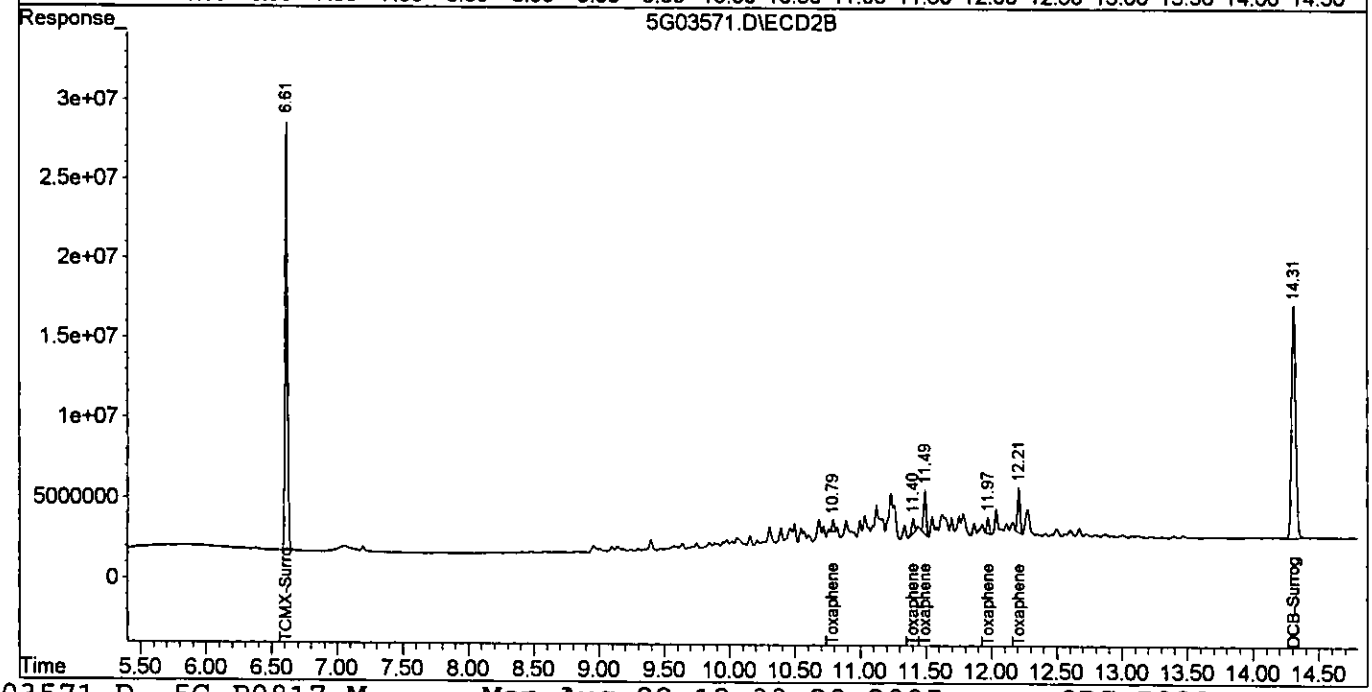
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03571.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-17-05\5G03571.D\ECD2B.CH
Acq On : 8-17-05 8:32:54 Operator: JK
Sample : CAL TOX@500PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 14:34 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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





Form7
Continuing Calibration

1151

				3G08635.D			5G03582.D			5G03603.D			5G03613.D			5G03615.D		
Data File:				3G08635.D			5G03582.D			5G03603.D			5G03613.D			5G03615.D		
Method:				8081			8081			8081			8081			8081		
Calibration Name:				CAL PEST@50PPB			CAL PEST@100PP			CAL PEST@50PPB			CAL PEST@50PPB			CAL PEST@10PPB		
Calibration Date/Time				08/17/05 14:27			08/18/05 00:58			08/18/05 08:07			08/18/05 11:32			08/19/05 07:42		
				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	52.63	50	5.3	99.89	100	0.1	48.56	50	2.9	43.59	50	12.8	9.38	10	6.2
alpha-BHC	15	1	0	50.77	50	1.5	102	100	2.0	50.77	50	1.5	45.9	50	8.2	11.83	10	18.3*
gamma-BHC	15	1	0	51.07	50	2.1	105.6	100	5.6	51.04	50	2.1	46.68	50	6.6	9.84	10	1.6
beta-BHC	15	1	0	54.3	50	8.6	100.8	100	0.8	46.05	50	7.9	46.48	50	7.0	11.07	10	10.7
Heptachlor	15	1	0	42.26	50	15.5	107.0	100	7.0	48.35	50	3.3	47.05	50	5.9	10.87	10	8.7
delta-BHC	15	1	0	53.4	50	6.8	102.8	100	2.8	52.5	50	5.0	48.94	50	2.1	13.47	10	34.7*
Aldrin	15	1	0	48.94	50	2.1	111.3	100	11.3	51.42	50	2.8	46.66	50	6.7	10.25	10	2.5
Heptachlor Epoxide	15	1	0	49.62	50	0.8	105.8	100	5.8	57.17	50	14.3	48.02	50	4.0	11.28	10	12.8
y-chlordane	15	1	0	46.33	50	7.3	106.6	100	6.6	46.98	50	6.0	43.83	50	12.3	10.31	10	3.1
a-chlordane	15	1	0	47.44	50	5.1	104.5	100	4.5	46.5	50	7.0	43.16	50	13.7	10.38	10	3.8
Endosulfan I	15	1	0	52.14	50	4.3	105.9	100	5.9	49.87	50	0.3	47.42	50	5.2	10.43	10	4.3
p,p'-DDE	15	1	0	49.58	50	0.8	104.5	100	4.4	45.02	50	10.0	42.23	50	15.5*	9.77	10	2.3
Dieldrin	15	1	0	50.53	50	1.1	109.0	100	9.0	54.13	50	8.3	53.94	50	7.9	12.34	10	23.4*
Endrin	15	1	0	54.15	50	8.3	107.7	100	7.7	54.76	50	9.5	56.19	50	12.4	12.05	10	20.5*
p,p'-DDD	15	1	0	55.85	50	11.7	106.3	100	6.3	52.67	50	5.3	54.01	50	8.0	11.51	10	15.1
Endosulfan II	15	1	0	50.06	50	0.1	103.5	100	3.4	53.12	50	6.2	55.86	50	11.7	11.18	10	11.8
p,p'-DDT	15	1	0	43.05	50	13.9	94.35	100	5.7	40.95	50	18.1*	48.46	50	3.1	10.79	10	7.9
Endrin Aldehyde	15	1	0	48.98	50	2.0	111.9	100	11.9	42.1	50	15.8*	50.94	50	1.9	11.4	10	14.0
Endosulfan Sulfate	15	1	0	49.17	50	1.7	110.4	100	10.4	57.26	50	14.5	55.8	50	11.6	11.14	10	11.4
Methoxychlor	15	1	0	57.34	50	14.7	102.3	100	2.3	47.04	50	5.9	57.04	50	14.1	11.82	10	18.2*
Endrin Ketone	15	1	0	55.46	50	10.9	102.4	100	2.4	57.81	50	15.6*	63.14	50	26.3*	15.56	10	55.6*
DCB-Surrogate	15	1	0	51.21	50	2.4	91.16	100	8.8	43.26	50	13.5	55.32	50	10.6	9.81	10	1.9
Average Difference	15	1	0			5.8			5.7			8.0			9.4			13.1
TCMX-Surrogate	15	2	0	60.57	50	21.1*	98.93	100	1.1	46.93	50	6.1	42.97	50	14.1	9.27	10	7.3
alpha-BHC	15	2	0	57.32	50	14.6	104.8	100	4.8	48.74	50	2.5	44.02	50	12.0	8.7	10	13.0
gamma-BHC	15	2	0	59.77	50	19.5*	102.8	100	2.8	47.88	50	4.2	43.37	50	13.3	8.95	10	10.5
beta-BHC	15	2	0	58.31	50	16.6*	95.14	100	4.9	43.93	50	12.1	39.99	50	20.0*	9.41	10	5.9
Heptachlor	15	2	0	54.37	50	8.7	99.69	100	0.3	42.59	50	14.8	39.29	50	21.4*	8.19	10	18.1*
delta-BHC	15	2	0	59.08	50	18.2*	104.7	100	4.7	46.93	50	6.1	44.58	50	10.8	8.43	10	15.7*
Aldrin	15	2	0	54.73	50	9.5	103.8	100	3.8	46.4	50	7.2	42.51	50	15.0	9.24	10	7.6
Heptachlor Epoxide	15	2	0	55.99	50	12.0	101.1	100	1.1	45.49	50	9.0	42.41	50	15.2	9.64	10	3.6
y-chlordane	15	2	0	53.89	50	7.8	99.89	100	0.1	44.01	50	12.0	40.65	50	18.7*	9.2	10	8.0
a-chlordane	15	2	0	55.2	50	10.4	98.8	100	1.2	43.19	50	13.6	41.87	50	16.3*	9.48	10	5.2
Endosulfan I	15	2	0	54	50	8.0	99.76	100	0.2	44.64	50	10.7	44.02	50	12.0	9.84	10	1.6
p,p'-DDE	15	2	0	54.72	50	9.4	101.6	100	1.6	44.21	50	11.6	41.18	50	17.6*	9.55	10	4.5
Dieldrin	15	2	0	55.02	50	10.0	107.4	100	7.4	50.14	50	0.3	49	50	2.0	10.86	10	8.6
Endrin	15	2	0	57.79	50	15.6*	106.4	100	6.4	57.59	50	15.2	50.73	50	1.5	10.53	10	5.3
p,p'-DDD	15	2	0	55.51	50	11.0	106.2	100	6.2	56.97	50	13.9	52.75	50	5.5	11.09	10	10.9
Endosulfan II	15	2	0	53.11	50	6.2	100.1	100	0.1	45.1	50	9.8	47.37	50	5.3	10.05	10	0.5
p,p'-DDT	15	2	0	56.68	50	13.4	89.13	100	10.9	45.94	50	8.1	42.7	50	14.6	13.05	10	30.5*
Endrin Aldehyde	15	2	0	57.28	50	14.6	94.87	100	5.1	44.18	50	11.6	53.16	50	6.3	15	10	50.0*
Endosulfan Sulfate	15	2	0	57.4	50	14.8	103	100	3.0	49.31	50	1.4	52.58	50	5.2	9.79	10	2.1
Methoxychlor	15	2	0	63.82	50	27.6*	100.6	100	0.6	60.1	50	20.2*	59.11	50	18.2*	10.35	10	3.5
Endrin Ketone	15	2	0	59.25	50	18.5*	97.72	100	2.3	52.63	50	5.3	53.93	50	7.9	14.32	10	43.2*
DCB-Surrogate	15	2	0	53.21	50	6.4	88.82	100	11.2	43.62	50	12.8	52.65	50	5.3	10.39	10	3.9
Average Difference	15	2	0			13.4			3.6			9.5			11.7			11.8

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

Columns: Col1 db-1701 : Col2 db-17

Form7
Continuing Calibration

1192

Data File:				5G03624.D															
Method:				8081															
Calibration Name:				CAL PEST@50PPB															
Calibration Date/Time				08/19/05 10:34															
					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	54.51	50	9.0														
alpha-BHC	15	1	0	56.27	50	12.5														
gamma-BHC	15	1	0	60.26	50	20.5*														
beta-BHC	15	1	0	56.62	50	13.2														
Heptachlor	15	1	0	65.06	50	30.1*														
delta-BHC	15	1	0	59.21	50	18.4*														
Aldrin	15	1	0	60.62	50	21.2*														
Heptachlor Epoxide	15	1	0	62.67	50	25.3*														
y-chlordane	15	1	0	58.66	50	17.3*														
a-chlordane	15	1	0	57.73	50	15.5														
Endosulfan I	15	1	0	60.02	50	20.0*														
p,p'-DDE	15	1	0	55.46	50	10.9														
Dieldrin	15	1	0	71.03	50	42.1*														
Endrin	15	1	0	69.98	50	40.0*														
p,p'-DDD	15	1	0	65.25	50	30.5*														
Endosulfan II	15	1	0	62.68	50	25.4*														
p,p'-DDT	15	1	0	54.45	50	8.9														
Endrin Aldehyde	15	1	0	53.24	50	6.5														
Endosulfan Sulfate	15	1	0	60.08	50	20.2*														
Methoxychlor	15	1	0	65.8	50	31.6*														
Endrin Ketone	15	1	0	68.6	50	37.2*														
DCB-Surrogate	15	1	0	50.04	50	0.1														
Average Difference	15	1	0			20.7*														
TCMX-Surrogate	15	2	0	52.95	50	5.9														
alpha-BHC	15	2	0	55.55	50	11.1														
gamma-BHC	15	2	0	55.05	50	10.1														
beta-BHC	15	2	0	51	50	2.0														
Heptachlor	15	2	0	52.94	50	5.9														
delta-BHC	15	2	0	55.7	50	11.4														
Aldrin	15	2	0	54.93	50	9.9														
Heptachlor Epoxide	15	2	0	54.86	50	9.7														
y-chlordane	15	2	0	52.94	50	5.9														
a-chlordane	15	2	0	52.91	50	5.8														
Endosulfan I	15	2	0	54.99	50	10.0														
p,p'-DDE	15	2	0	54	50	8.0														
Dieldrin	15	2	0	63.19	50	26.4*														
Endrin	15	2	0	63.2	50	26.4*														
p,p'-DDD	15	2	0	65.83	50	31.7*														
Endosulfan II	15	2	0	56.14	50	12.3														
p,p'-DDT	15	2	0	50.12	50	0.2														
Endrin Aldehyde	15	2	0	57.33	50	14.7														
Endosulfan Sulfate	15	2	0	58.49	50	17.0*														
Methoxychlor	15	2	0	62.08	50	24.2*														
Endrin Ketone	15	2	0	59.77	50	19.5*														
DCB-Surrogate	15	2	0	51.13	50	2.3														
Average Difference	15	2	0			12.3														

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\08-17-05\3G08635.D\ECD1A.CH Vial: 25
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08635.D\ECD2B.CH
Acq On : 17 Aug 2005 14:27 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 17 14:34 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 11:01:11 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

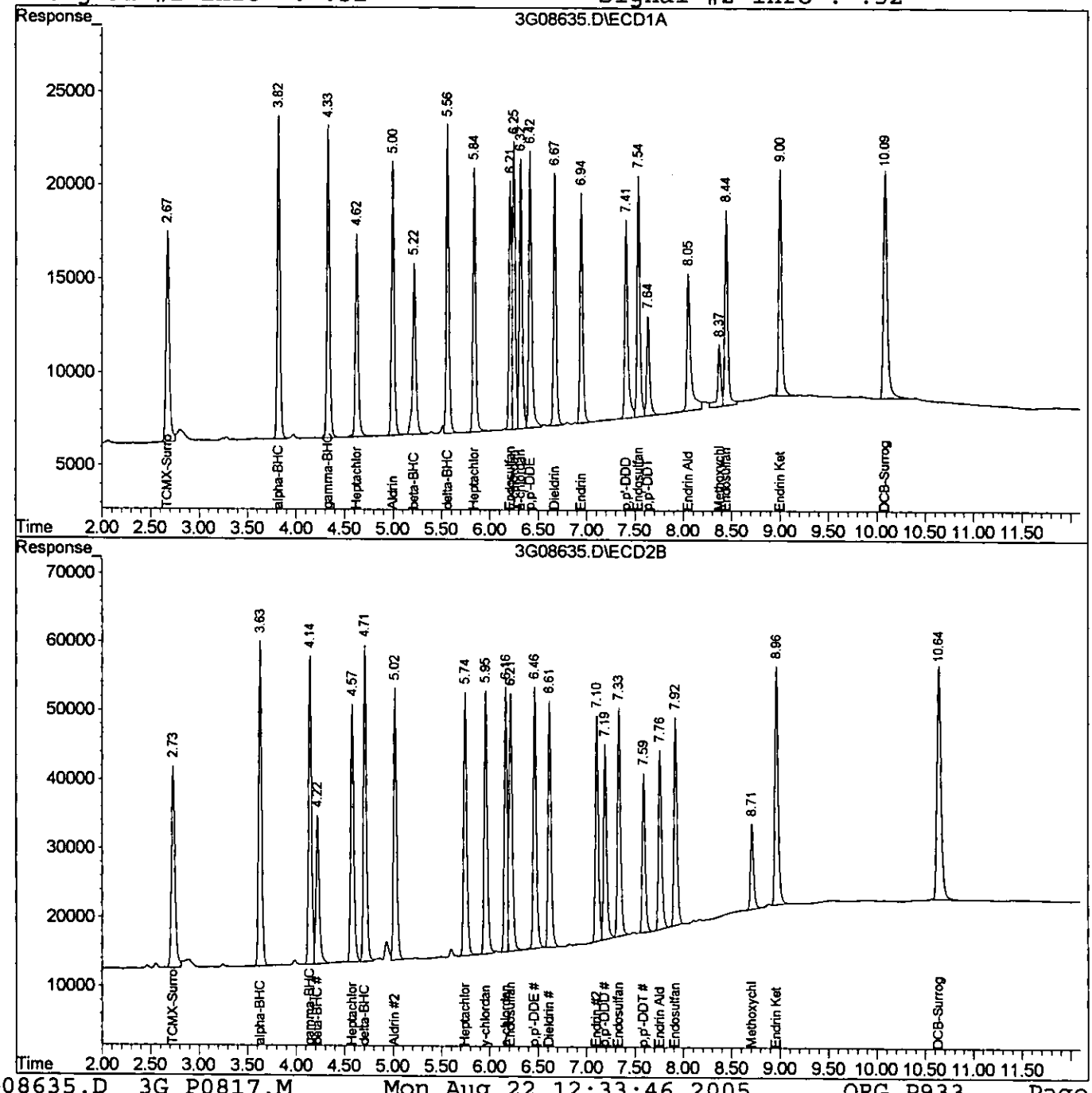
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.73	267900	743643	52.629	60.571
2)	alpha-BHC	3.82	3.63	326481	1000530	50.769	57.315
3)	gamma-BHC	4.33	4.14	318938	934572	51.073	59.767
4)	beta-BHC	5.22	4.22	210500	508283	54.300	58.312
5)	Heptachlor	4.62	4.58	223105	837197	42.257	54.375 #
6)	delta-BHC	5.56	4.71	303192	943471	53.401	59.076
7)	Aldrin	5.00	5.02	286921	865138	48.944	54.731
8)	Heptachlor Epoxi	5.84	5.74	273046	830879	49.625	55.993
9)	y-chlordane	6.25	5.95	309262	829787	46.327	53.894
10)	a-chlordane	6.32	6.16	292012	771272	47.436	55.200
11)	Endosulfan I	6.21	6.21	232114	868572	52.136	53.997
12)	p,p'-DDE	6.42	6.46	310682	824805	49.575	54.723
13)	Dieldrin	6.67	6.61	256732	772299	50.533	55.024
14)	Endrin	6.95	7.10	241881	680533	54.152	57.785
15)	p,p'-DDD	7.41	7.19	230850	615552	55.853	55.513
16)	Endosulfan II	7.54	7.33	258748	729744	50.055	53.111
17)	p,p'-DDT	7.64	7.59	113454	481242	43.051	56.679 #
18)	Endrin Aldehyde	8.05	7.76	198284	585286	48.976	57.278
19)	Endosulfan Sulfa	8.44	7.92	220328	648065	49.170	57.398
20)	Methoxychlor	8.37	8.71	77861	274684	57.336	63.822m
21)	Endrin Ketone	9.00	8.96	254129	793292	55.460m	59.245
22)	DCB-Surrogate	10.09	10.64	330981	988476	51.207	53.206

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08635.D\ECD1A.CH Vial: 25
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08635.D\ECD2B.CH
Acq On : 17 Aug 2005 14:27 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 17 14:34 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 11:01:11 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)

Data File : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03582.D\ECD1A.CH Vial: 3
Acq On : 8-18-05 00:58:53 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\08-18-05\5G03582.D\ECD2B.CH Vial: 3
Acq On : 8-18-05 00:58:52 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 18 7:32 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	691.2E6	597.9E6	99.894	98.929
2)	alpha-BHC	8.00	7.62	1007.1E6	943.8E6	101.976	104.752
3)	gamma-BHC	8.53	8.16	869.9E6	804.4E6	105.572	102.774
4)	beta-BHC	9.42	8.24	386.9E6	342.9E6	100.789	95.145
5)	Heptachlor	8.80	8.61	684.8E6	619.9E6	107.014	99.688
6)	delta-BHC	9.75	8.74	819.5E6	788.7E6	102.834	104.713
7)	Aldrin	9.16	9.05	831.0E6	715.4E6	111.314	103.830
8)	Heptachlor Epoxi	9.98	9.75	672.4E6	630.0E6	105.827	101.068
9)	y-chlordane	10.36	9.94	746.3E6	635.9E6	106.575	99.885
10)	a-chlordane	10.43	10.14	720.5E6	615.7E6	104.469	98.798
11)	Endosulfan I	10.33	10.19	641.9E6	588.2E6	105.922	99.760
12)	p,p'-DDE	10.50	10.41	760.5E6	625.9E6	104.449	101.554
13)	Dieldrin	10.75	10.57	567.4E6	554.8E6	109.017	107.394
14)	Endrin	11.00	11.02	488.5E6	432.3E6	107.678	106.414
15)	p,p'-DDD	11.41	11.07	459.0E6	395.2E6	106.252	106.189
16)	Endosulfan II	11.55	11.22	550.5E6	509.7E6	103.454	100.107
17)	p,p'-DDT	11.61	11.44	428.9E6	410.2E6	94.348	89.131
18)	Endrin Aldehyde	12.02	11.60	366.9E6	366.3E6	111.937	94.871
19)	Endosulfan Sulfa	12.37	11.74	497.6E6	436.0E6	110.367	102.989
20)	Methoxychlor	12.26	12.43	186.4E6	166.3E6	102.302	100.564
21)	Endrin Ketone	12.90	12.70	454.5E6	511.2E6	102.439	97.720
22)	DCB-Surrogate	13.89	14.31	660.4E6	549.6E6	91.159	88.817

OP/22/0

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

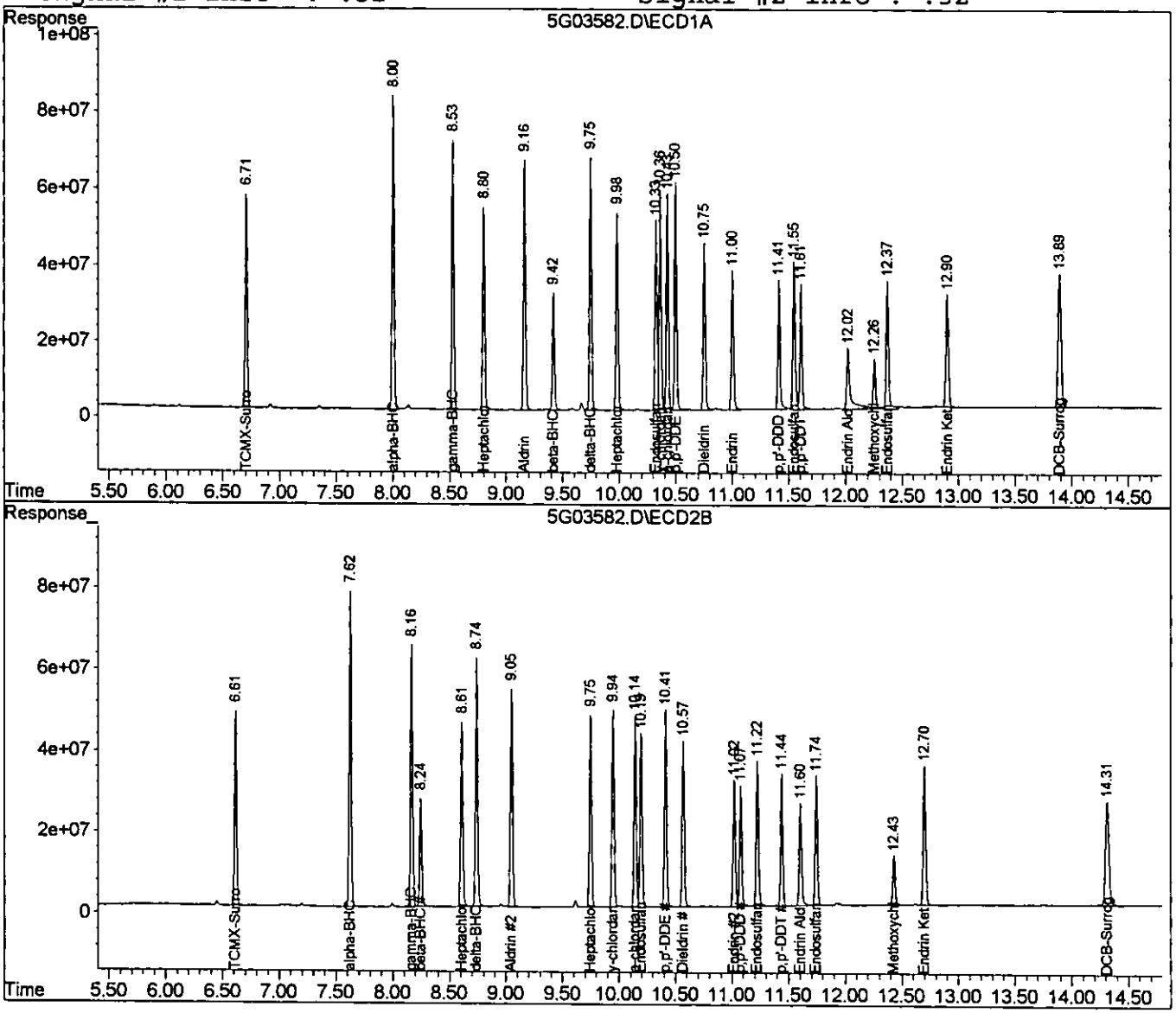
Quantitation Report

Data File : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03582.D\ECD1A.CH Vial: 3
Acq On : 8-18-05 00:58:53 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\08-18-05\5G03582.D\ECD2B.CH Vial: 3
Acq On : 8-18-05 00:58:52 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 18 7:32 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 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\08-18-05\5G03603.D\ECD1A.CH Vial: 24
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03603.D\ECD2B.CH
Acq On : 8-18-05 8:07:27 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 18 8:26 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	336.0E6	283.6E6	48.562	46.928
2)	alpha-BHC	8.00	7.62	483.1E6	439.1E6	50.767	48.738
3)	gamma-BHC	8.53	8.16	420.5E6	374.7E6	51.037	47.878
4)	beta-BHC	9.42	8.24	176.7E6	158.3E6	46.047	43.927
5)	Heptachlor	8.80	8.61	309.4E6	264.9E6	48.348	42.591
6)	delta-BHC	9.75	8.74	396.8E6	353.5E6	52.501	46.926
7)	Aldrin	9.16	9.05	383.9E6	319.7E6	51.424	46.397
8)	Heptachlor Epoxi	9.98	9.75	363.3E6	283.6E6	57.174	45.488
9)	y-chlordane	10.36	9.94	329.0E6	280.2E6	46.981	44.015
10)	a-chlordane	10.43	10.14	320.7E6	269.2E6	46.503	43.191
11)	Endosulfan I	10.33	10.19	302.2E6	263.2E6	49.870	44.636
12)	p,p'-DDE	10.50	10.41	327.8E6	272.5E6	45.018	44.211
13)	Dieldrin	10.75	10.57	281.7E6	259.0E6	54.132	50.138
14)	Endrin	11.00	11.02	248.4E6	233.9E6	54.764m	57.592m
15)	p,p'-DDD	11.41	11.07	227.5E6	212.0E6	52.666m	56.971m
16)	Endosulfan II	11.55	11.22	282.7E6	229.6E6	53.118	45.103
17)	p,p'-DDT	11.61	11.44	174.6E6	195.9E6	40.953	45.944
18)	Endrin Aldehyde	12.02	11.60	136.8E6	160.7E6	42.104m	44.182
19)	Endosulfan Sulfa	12.37	11.74	258.1E6	208.8E6	57.256m	49.310
20)	Methoxychlor	12.26	12.43	85693457	99382523	47.043m	60.101m#
21)	Endrin Ketone	12.90	12.70	248.6E6	263.9E6	57.810	52.629
22)	DCB-Surrogate	13.89	14.31	313.4E6	270.0E6	43.257	43.623m

08/22/05

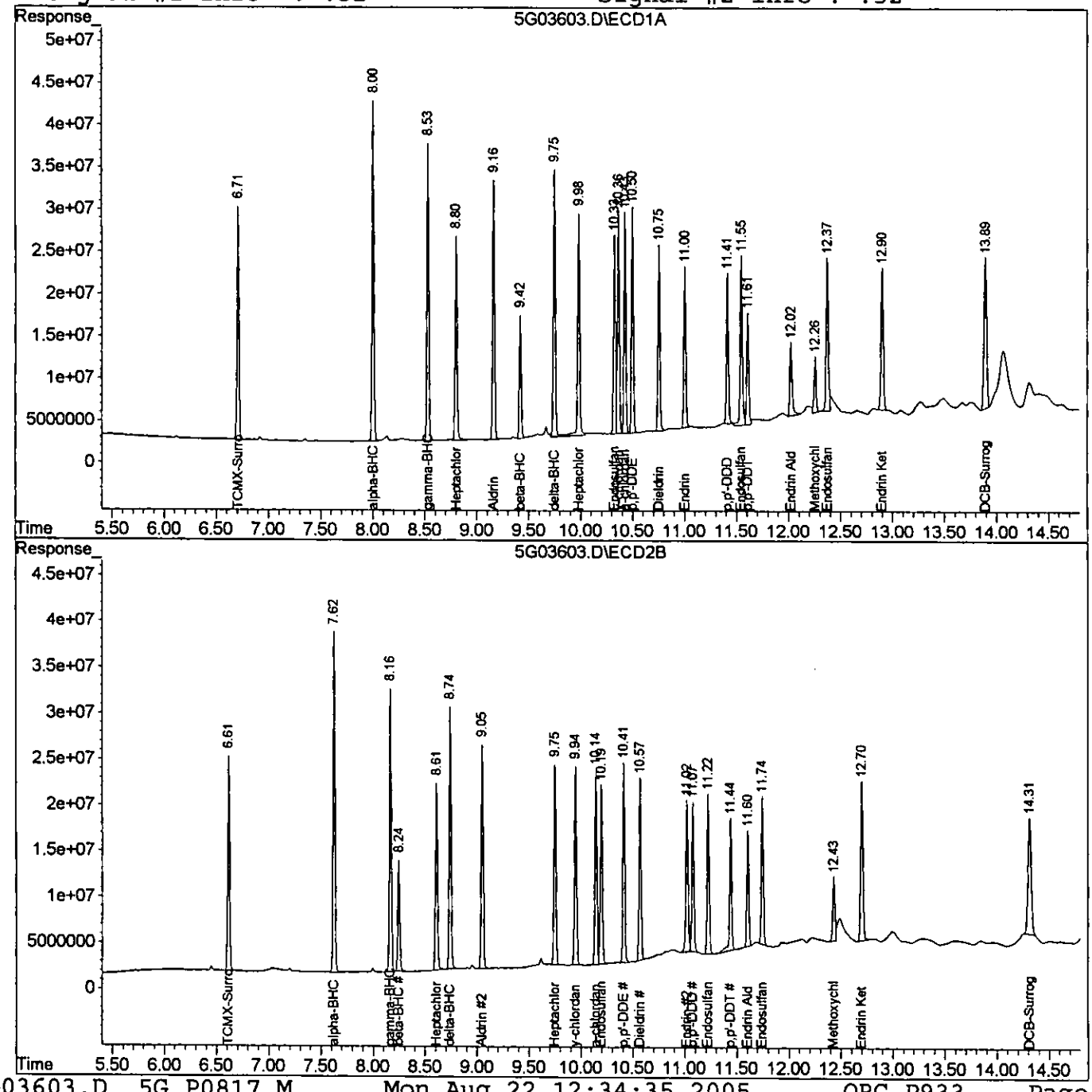
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03603.D\ECD1A.CH Vial: 24
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03603.D\ECD2B.CH
Acq On : 8-18-05 8:07:27 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 18 8:26 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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\08-18-05\5G03613.D\ECD1A.CH Vial: 35
Acq On : 8-18-05 11:32:01 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : PEST1.E

Data File : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03613.D\ECD2B.CH Vial: 35
Acq On : 8-18-05 11:32:02 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 18 11:50 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	301.6E6	259.7E6	43.592	42.969
2)	alpha-BHC	8.00	7.62	433.2E6	396.6E6	45.899	44.023
3)	gamma-BHC	8.53	8.16	384.6E6	339.4E6	46.680	43.371
4)	beta-BHC	9.42	8.24	178.4E6	144.1E6	46.479	39.987
5)	Heptachlor	8.80	8.61	301.1E6	244.3E6	47.051	39.293
6)	delta-BHC	9.75	8.74	366.9E6	335.8E6	48.939	44.576
7)	Aldrin	9.16	9.05	348.4E6	292.8E6	46.661	42.505
8)	Heptachlor Epoxi	9.98	9.75	305.1E6	264.4E6	48.023	42.408
9)	y-chlordane	10.36	9.95	306.9E6	258.8E6	43.832	40.650
10)	a-chlordane	10.43	10.14	297.7E6	260.9E6	43.158	41.868
11)	Endosulfan I	10.33	10.19	287.4E6	259.5E6	47.417	44.018
12)	p,p'-DDE	10.50	10.41	307.4E6	253.8E6	42.227	41.183
13)	Dieldrin	10.75	10.57	280.8E6	253.1E6	53.944	49.004
14)	Endrin	11.00	11.02	254.9E6	206.1E6	56.188	50.733
15)	p,p'-DDD	11.41	11.07	233.3E6	196.3E6	54.010	52.748
16)	Endosulfan II	11.55	11.22	297.2E6	241.2E6	55.857	47.371
17)	p,p'-DDT	11.61	11.44	209.9E6	179.8E6	48.455	42.697
18)	Endrin Aldehyde	12.02	11.60	165.9E6	197.2E6	50.937	53.163
19)	Endosulfan Sulfa	12.37	11.74	251.6E6	222.6E6	55.804	52.577
20)	Methoxychlor	12.26	12.43	103.9E6	97747801	57.036	59.113
21)	Endrin Ketone	12.90	12.70	273.2E6	271.0E6	63.138	53.934
22)	DCB-Surrogate	13.89	14.31	400.8E6	325.8E6	55.320	52.647

08/22/05

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

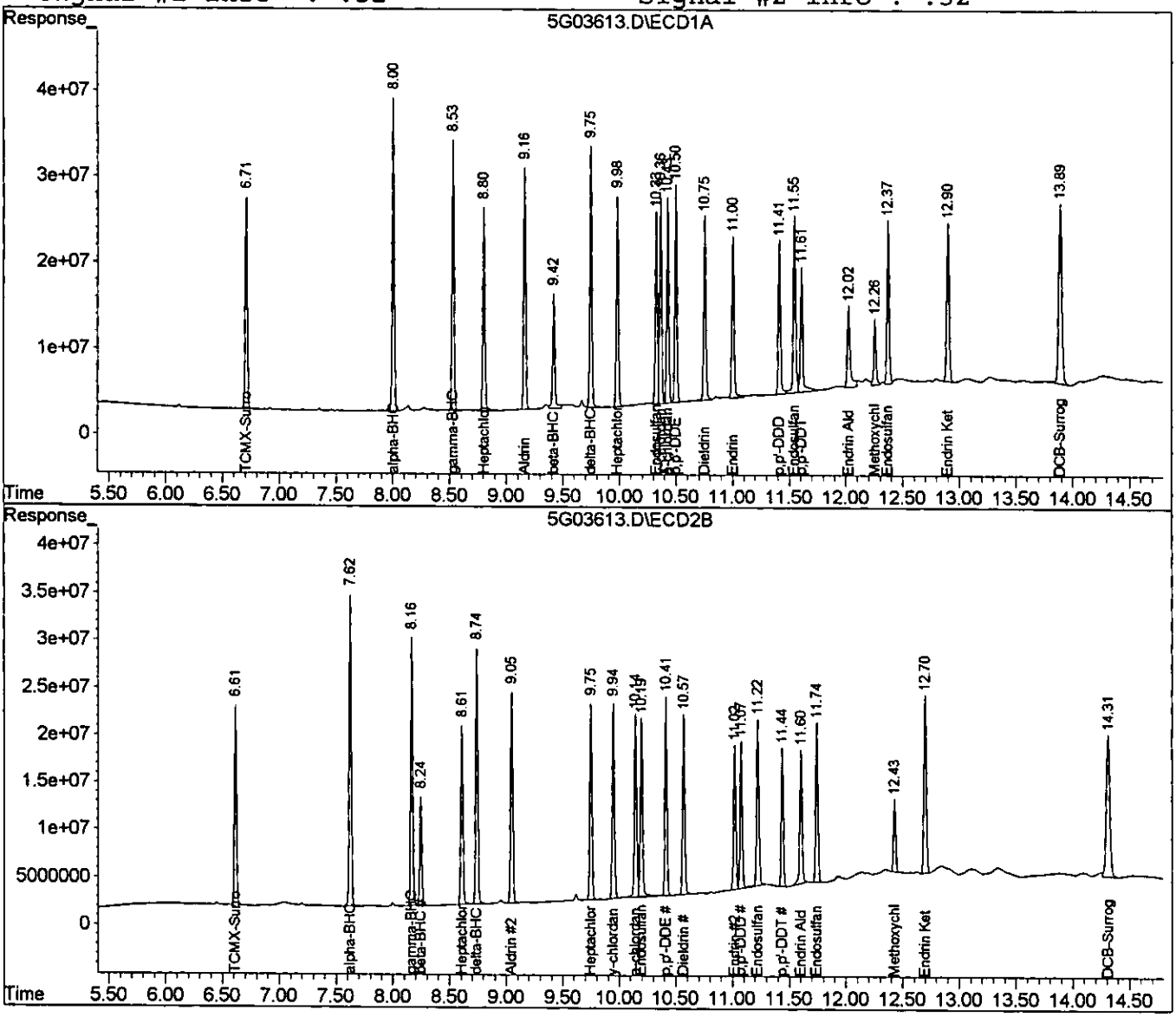
Quantitation Report

Data File : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03613.D\ECD1A.CH Vial: 35
Acq On : 8-18-05 11:32:01 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : PEST1.E

Data File : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03613.D\ECD2B.CH Vial: 35
Acq On : 8-18-05 11:32:02 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : Pest2.e
Quant Time: Aug 18 11:50 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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\08-19-05\5G03615.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03615.D\ECD2B.CH
Acq On : 8-19-05 7:42:02 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : S,PEST:5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 7:59 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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	6.70	6.61	64872270	56050898	9.375m	9.274	
2)	alpha-BHC	8.00	7.62	84569806	78377099	11.828m	8.699	#
3)	gamma-BHC	8.52	8.16	81106821	70017351	9.844m	8.946	
4)	beta-BHC	9.41	8.24	42477785	33930411	11.067	9.415	
5)	Heptachlor	8.80	8.60	69545880	50956638	10.867m	8.194	
6)	delta-BHC	9.74	8.74	69048320	63503590	13.466	8.431	#
7)	Aldrin	9.16	9.04	76486804	63631565	10.245	9.236	
8)	Heptachlor Epoxi	9.98	9.74	71671163	60086763	11.280	9.639	
9)	y-chlordane	10.36	9.94	72231986	58572882	10.315	9.200	
10)	a-chlordane	10.42	10.14	71567796	59087061	10.377	9.481	
11)	Endosulfan I	10.32	10.19	63207162	58016803	10.430	9.841	
12)	p,p'-DDE	10.50	10.41	71099138	58836659	9.765	9.546	
13)	Dieldrin	10.75	10.56	64230147	56114687	12.340	10.863	
14)	Endrin	11.00	11.01	54652250	42793296	12.047m	10.535	
15)	p,p'-DDD	11.41	11.08	49731127	41280367	11.512m	11.093	
16)	Endosulfan II	11.54	11.22	59472380	51172356	11.177	10.050	
17)	p,p'-DDT	11.60	11.44	33861284	32718256	10.793m	13.053	
18)	Endrin Aldehyde	12.02	11.60	35559319	42393027	11.399	14.998	#
19)	Endosulfan Sulfa	12.36	11.74	50219639	41450523	11.139	9.791	
20)	Methoxychlor	12.25	12.43	21524857	17113239	11.816	10.349	
21)	Endrin Ketone	12.89	12.70	53637406	53737258	15.561	14.320	
22)	DCB-Surrogate	13.89	14.31	71067389	64269598	9.809	10.385	

08/22/05

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

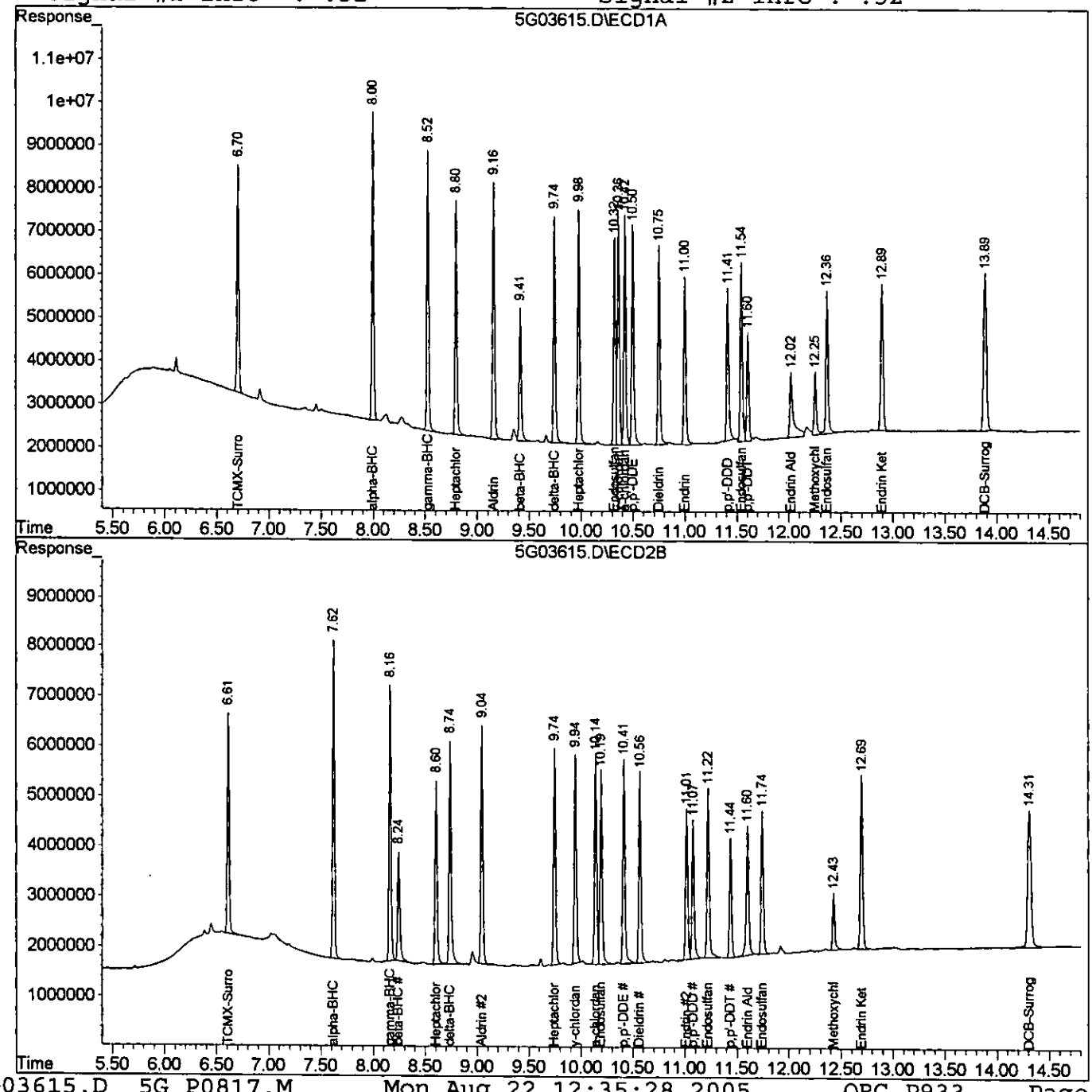
Quantitation Report

122

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03615.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03615.D\ECD2B.CH
Acq On : 8-19-05 7:42:02 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : S,PEST:5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 7:59 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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\08-19-05\5G03624.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03624.D\ECD2B.CH
Acq On : 8-19-05 10:34:10 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 10:54 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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	6.70	6.61	377.2E6	320.0E6	54.514m	52.946
2)	alpha-BHC	8.00	7.62	539.3E6	500.5E6	56.265m	55.551
3)	gamma-BHC	8.52	8.16	496.5E6	430.8E6	60.263m	55.049
4)	beta-BHC	9.41	8.24	217.3E6	183.8E6	56.624	51.003
5)	Heptachlor	8.80	8.60	416.4E6	329.2E6	65.061	52.936
6)	delta-BHC	9.74	8.74	453.2E6	419.6E6	59.212	55.703
7)	Aldrin	9.16	9.04	452.6E6	378.4E6	60.621	54.928
8)	Heptachlor Epoxi	9.98	9.74	398.2E6	342.0E6	62.674	54.862
9)	y-chlordane	10.36	9.94	410.8E6	337.0E6	58.664	52.937
10)	a-chlordane	10.42	10.14	398.1E6	329.7E6	57.725	52.906
11)	Endosulfan I	10.32	10.19	363.7E6	324.2E6	60.022	54.989
12)	p,p'-DDE	10.50	10.41	403.8E6	332.8E6	55.464	54.002
13)	Dieldrin	10.75	10.56	369.7E6	326.4E6	71.025	63.192
14)	Endrin	11.00	11.01	317.5E6	256.7E6	69.977	63.196
15)	p,p'-DDD	11.41	11.07	281.9E6	245.0E6	65.245m	65.830
16)	Endosulfan II	11.54	11.22	333.5E6	285.9E6	62.680	56.144
17)	p,p'-DDT	11.60	11.44	238.2E6	216.6E6	54.447	50.118
18)	Endrin Aldehyde	12.02	11.60	173.5E6	214.1E6	53.238m	57.328m
19)	Endosulfan Sulfa	12.36	11.74	270.8E6	247.6E6	60.076m	58.494
20)	Methoxychlor	12.25	12.43	119.9E6	102.7E6	65.799	62.085
21)	Endrin Ketone	12.89	12.70	298.4E6	303.1E6	68.602	59.775
22)	DCB-Surrogate	13.89	14.31	362.5E6	316.4E6	50.039	51.133

08/22/05

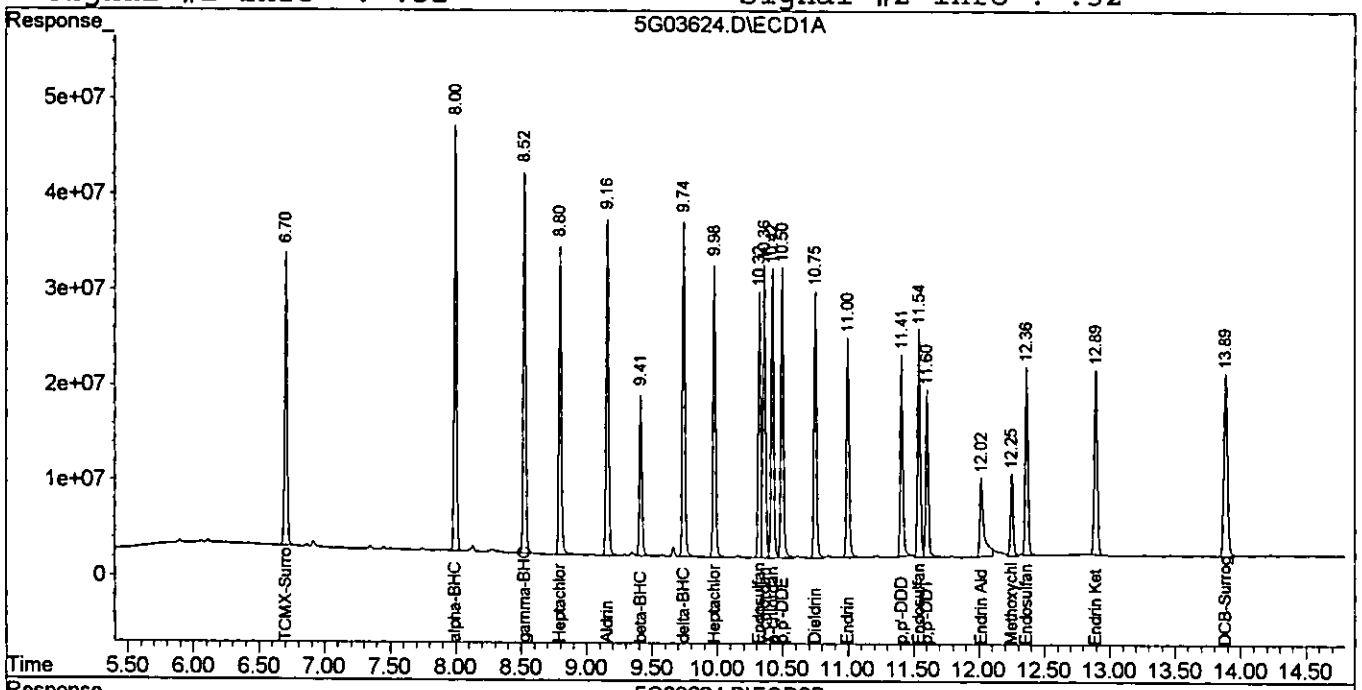
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

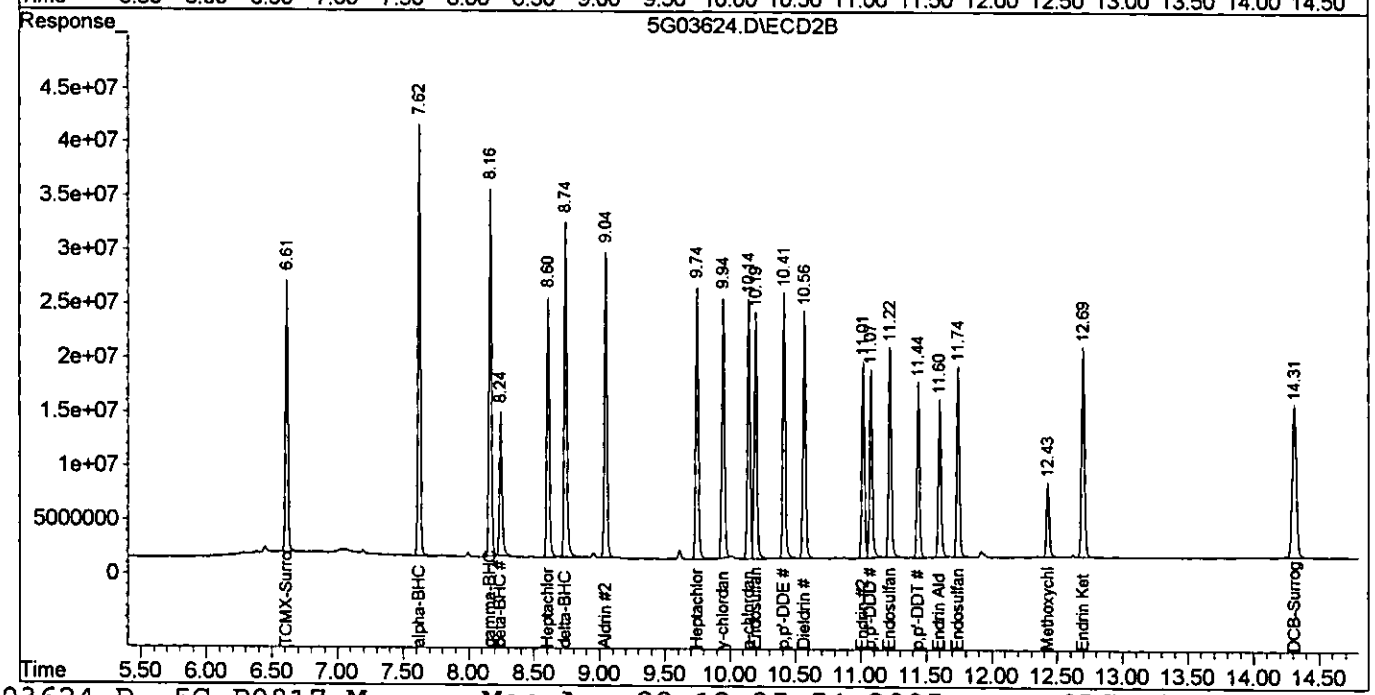
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03624.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03624.D\ECD2B.CH
Acq On : 8-19-05 10:34:10 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 10:54 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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: WMB2323
Client Id:
Data File: 5G03616.D
Analysis Date: 08/19/05 08:03
Date Rec/Extracted: NA-08/18/05

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 #: 18567

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)

Data Path : G:\Gcdata\2005\Gc_5\Data\08-19-05\

Data File : 5G03616.D
Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03616.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03616.D\ECD2B.CH
Acq On : 8-19-05 8:03:36 Operator: JK
Sample : WMB2323 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 8:24 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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	6.70	6.61	658.4E6	508.9E6	95.148	84.209
22)	DCB-Surrogate	13.89	14.31	300.1E6	256.3E6	41.428	41.417

8/22/05

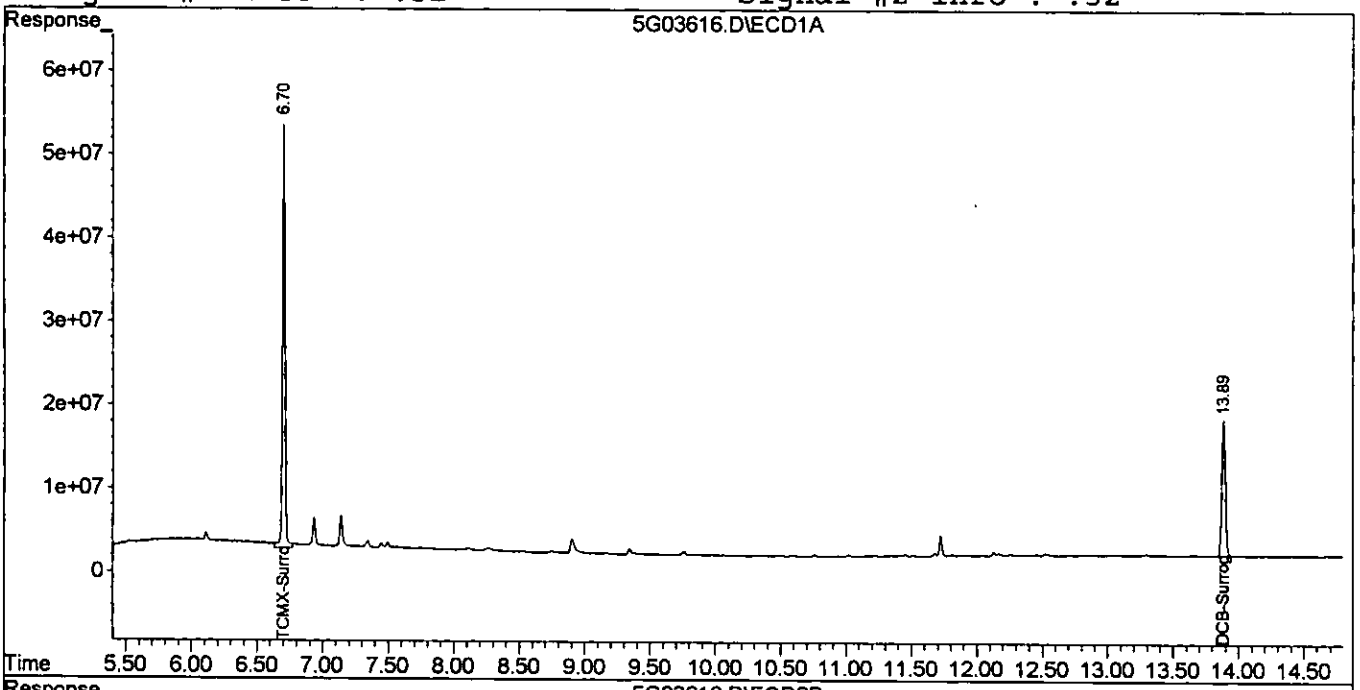
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

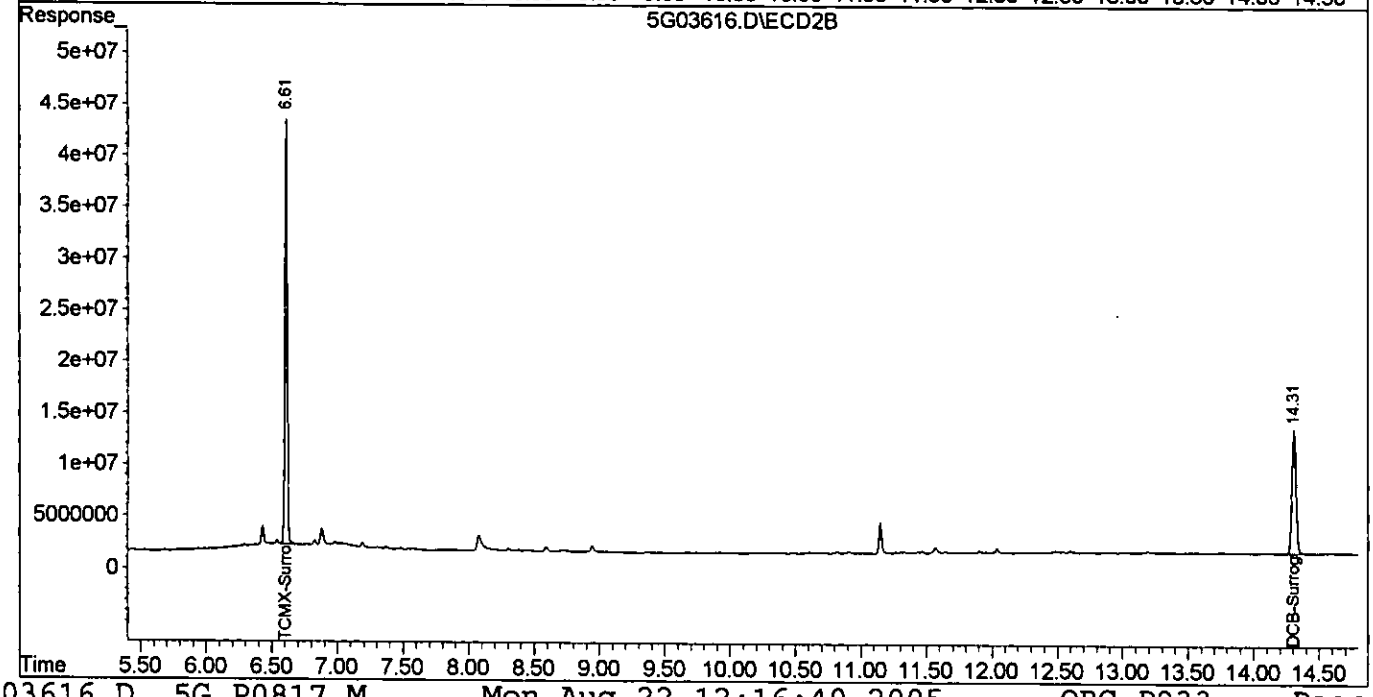
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03616.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03616.D\ECD2B.CH
Acq On : 8-19-05 8:03:36 Operator: JK
Sample : WMB2323 Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 8:24 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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: SMB741B
Client Id:
Data File: 5G03597.D
Analysis Date: 08/18/05 05:41
Date Rec/Extracted: NA-08/17/05

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 #: 18567

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)

Data File : 5G03597.D Vial: 18
Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03597.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03597.D\ECD2B.CH
Acq On : 8-18-05 5:41:30 Operator: JK
Sample : SMB741B Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:04 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	638.2E6	546.9E6	92.234	90.487
22)	DCB-Surrogate	13.89	14.31	697.6E6	576.7E6	96.290	93.190

08/22/05

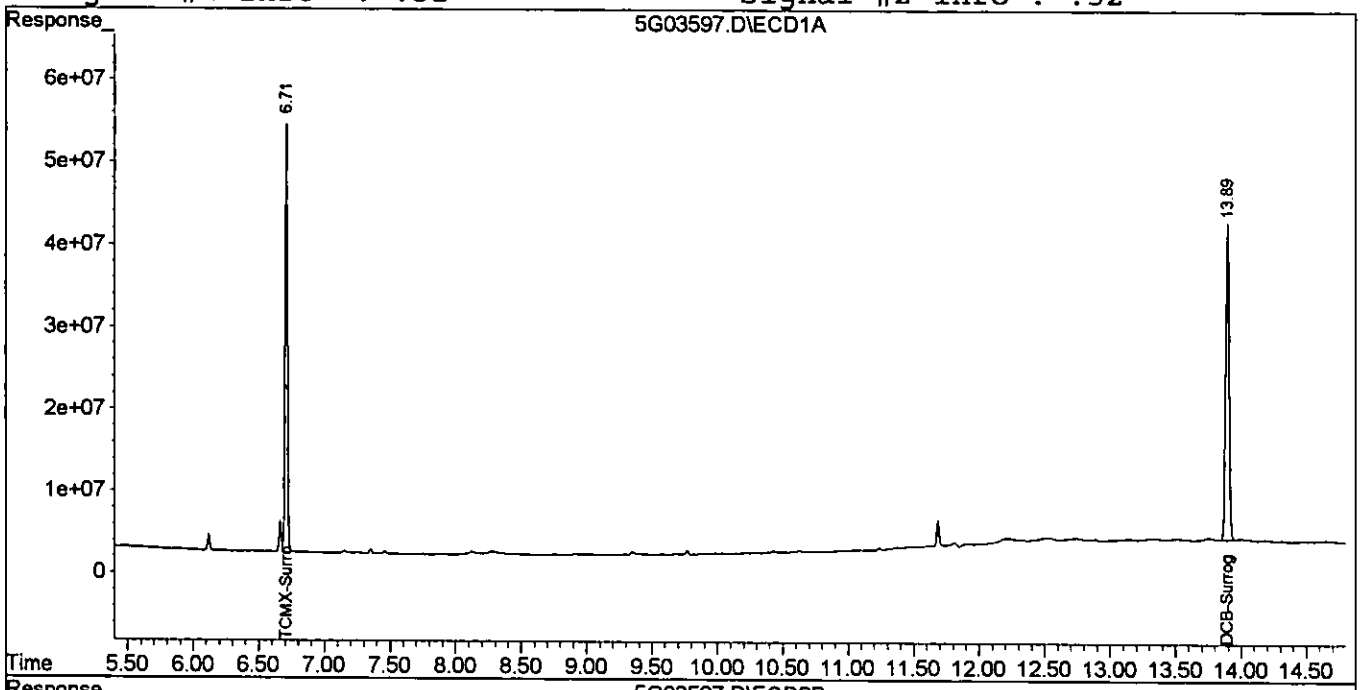
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

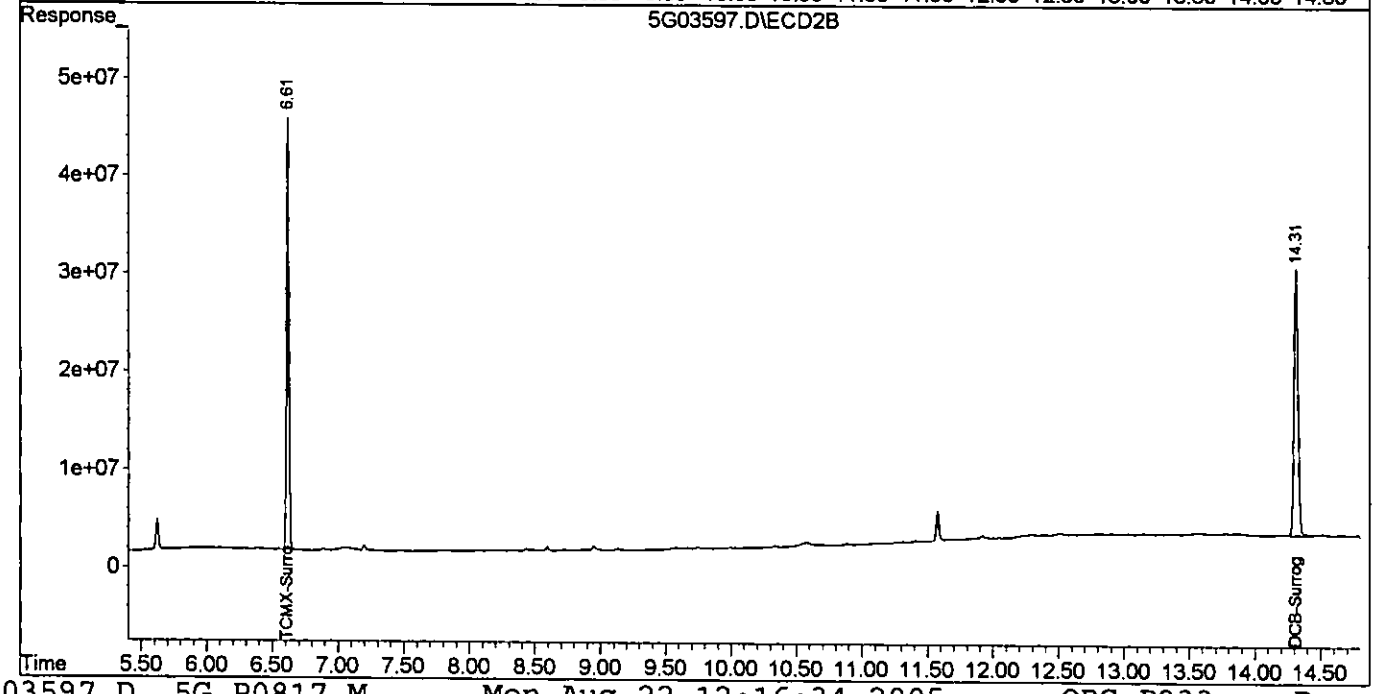
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03597.D\ECD1A.CH Vial: 18
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03597.D\ECD2B.CH
Acq On : 8-18-05 5:41:30 Operator: JK
Sample : SMB741B Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:04 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 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

1212

Data File:==>					5G03598.D			5G03617.D											
Data/Batch/Sample ID:==>					SMB741B(MS)			WMB2323(MS)											
Date/Time:==>					08/18/05 06:00			08/19/05 08:22											
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	2	0	91.95	100	92	74.12	100	74									
Dieldrin	31-134	52-126	2	0	113.1	100	113	110.3	100	110									
Endrin	42-139	56-121	2	0	114.8	100	115	112.1	100	112									
gamma-BHC	46-127	56-123	2	0	87.61	100	88	86.41	100	86									
Heptachlor	35-130	40-131	2	0	76.96	100	77	68.08	100	68									
p,p'-DDT	23-134	38-127	2	0	78.3	100	78	92.25	100	92									

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

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03598.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03598.D\ECD2B.CH
Acq On : 8-18-05 6:00:17 Operator: JK
Sample : SMB741B(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:05 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 2005
Response via : Initial Calibration
DataAcq Meth : 5G_8081.M

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.71	6.61	656.7E6	562.0E6	94.908	92.992
2)	alpha-BHC	8.00	7.62	868.9E6	781.7E6	88.471	86.765
3)	gamma-BHC	8.53	8.17	782.8E6	685.7E6	95.007	87.615
4)	beta-BHC	9.42	8.24	350.6E6	301.4E6	91.339	83.646
5)	Heptachlor	8.80	8.61	555.6E6	478.6E6	86.816	76.960
6)	delta-BHC	9.75	8.74	698.6E6	639.8E6	88.441	84.939
7)	Aldrin	9.16	9.05	754.7E6	633.5E6	101.085	91.953
8)	Heptachlor Epoxi	9.98	9.75	648.6E6	564.2E6	102.072	90.516
11)	Endosulfan I	10.33	10.19	660.1E6	555.1E6	108.924	94.150
12)	p,p'-DDE	10.50	10.41	750.5E6	614.7E6	103.082	99.731
13)	Dieldrin	10.75	10.57	621.8E6	584.3E6	119.464	113.105
14)	Endrin	11.00	11.02	549.8E6	466.3E6	121.187	114.794
15)	p,p'-DDD	11.41	11.07	576.6E6	498.6E6	133.472	133.983
16)	Endosulfan II	11.55	11.22	619.3E6	543.3E6	116.384	106.705
17)	p,p'-DDT	11.61	11.44	366.8E6	356.5E6	81.427	78.302
18)	Endrin Aldehyde	12.02	11.60	423.1E6	413.5E6	128.988	106.502
19)	Endosulfan Sulfa	12.37	11.74	580.5E6	484.4E6	128.752	114.412
20)	Methoxychlor	12.26	12.43	218.2E6	174.9E6	119.810	105.767
21)	Endrin Ketone	12.90	12.70	562.8E6	586.1E6	125.898	111.378
22)	DCB-Surrogate	13.89	14.31	715.4E6	591.9E6	98.743	95.651

8/22/05

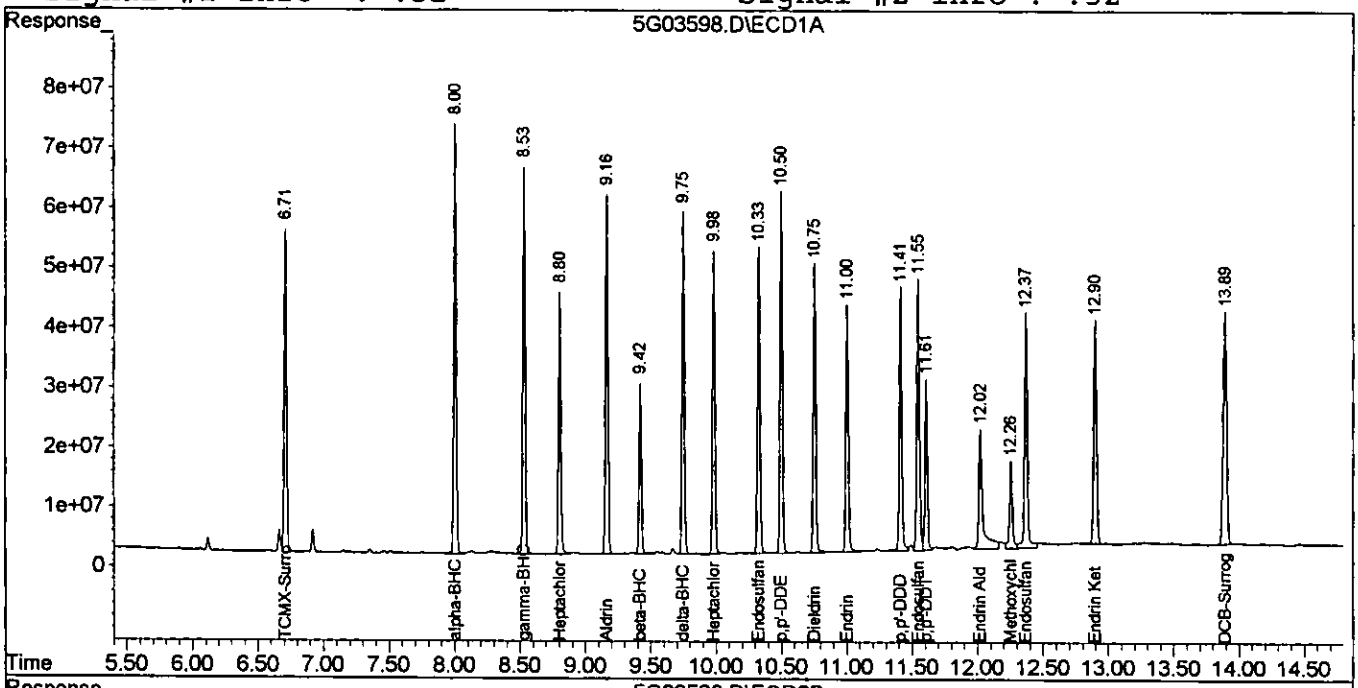
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

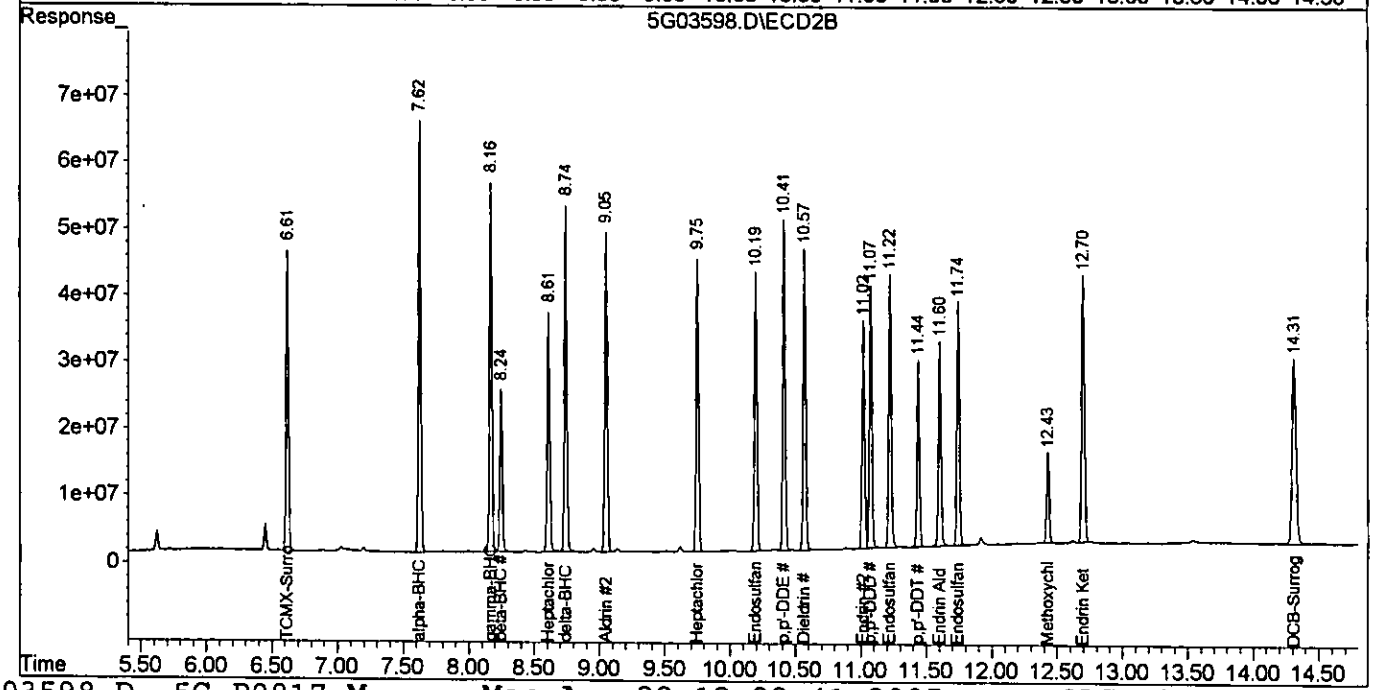
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03598.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-18-05\5G03598.D\ECD2B.CH
Acq On : 8-18-05 6:00:17 Operator: JK
Sample : SMB741B(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 18 9:05 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 12:15:21 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 Path : G:\Gcdata\2005\Gc_5\Data\08-19-05\

Data File : 5G03617.D Vial: 4
Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03617.D\ECD1A.CH
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03617.D\ECD2B.CH
Acq On : 8-19-05 8:22:24 Operator: JK
Sample : WMB2323(MS) Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 8:39 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 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	6.70	6.61	546.1E6	409.6E6	78.924	67.765
2)	alpha-BHC	8.00	7.62	866.6E6	768.1E6	88.247	85.251
3)	gamma-BHC	8.52	8.16	785.5E6	676.3E6	95.332	86.412
4)	beta-BHC	9.41	8.24	346.8E6	287.2E6	90.350	79.687
5)	Heptachlor	8.80	8.60	573.3E6	423.4E6	89.577	68.084
6)	delta-BHC	9.74	8.73	655.4E6	620.7E6	83.292	82.405
7)	Aldrin	9.16	9.04	608.9E6	510.7E6	81.560	74.123
8)	Heptachlor Epoxi	9.98	9.74	673.2E6	569.6E6	105.951	91.378
11)	Endosulfan I	10.32	10.19	635.7E6	537.6E6	104.903	91.189
12)	p,p'-DDE	10.49	10.41	675.4E6	563.4E6	92.759	91.412
13)	Dieldrin	10.75	10.56	645.7E6	570.0E6	124.066	110.334
14)	Endrin	11.00	11.01	554.2E6	455.5E6	122.154m	112.133
15)	p,p'-DDD	11.40	11.07	505.7E6	421.3E6	117.064	113.221
16)	Endosulfan II	11.54	11.22	595.4E6	496.8E6	111.888	97.582
17)	p,p'-DDT	11.60	11.43	465.2E6	425.7E6	101.858	92.252
18)	Endrin Aldehyde	12.02	11.60	352.3E6	390.0E6	107.503	100.707
19)	Endosulfan Sulfa	12.36	11.74	527.2E6	448.6E6	116.932	105.961
20)	Methoxychlor	12.25	12.42	232.5E6	186.1E6	127.643m	112.542
21)	Endrin Ketone	12.89	12.69	528.6E6	534.1E6	118.483	101.902
22)	DCB-Surrogate	13.88	14.31	367.3E6	309.9E6	50.692	50.077

08/22/05

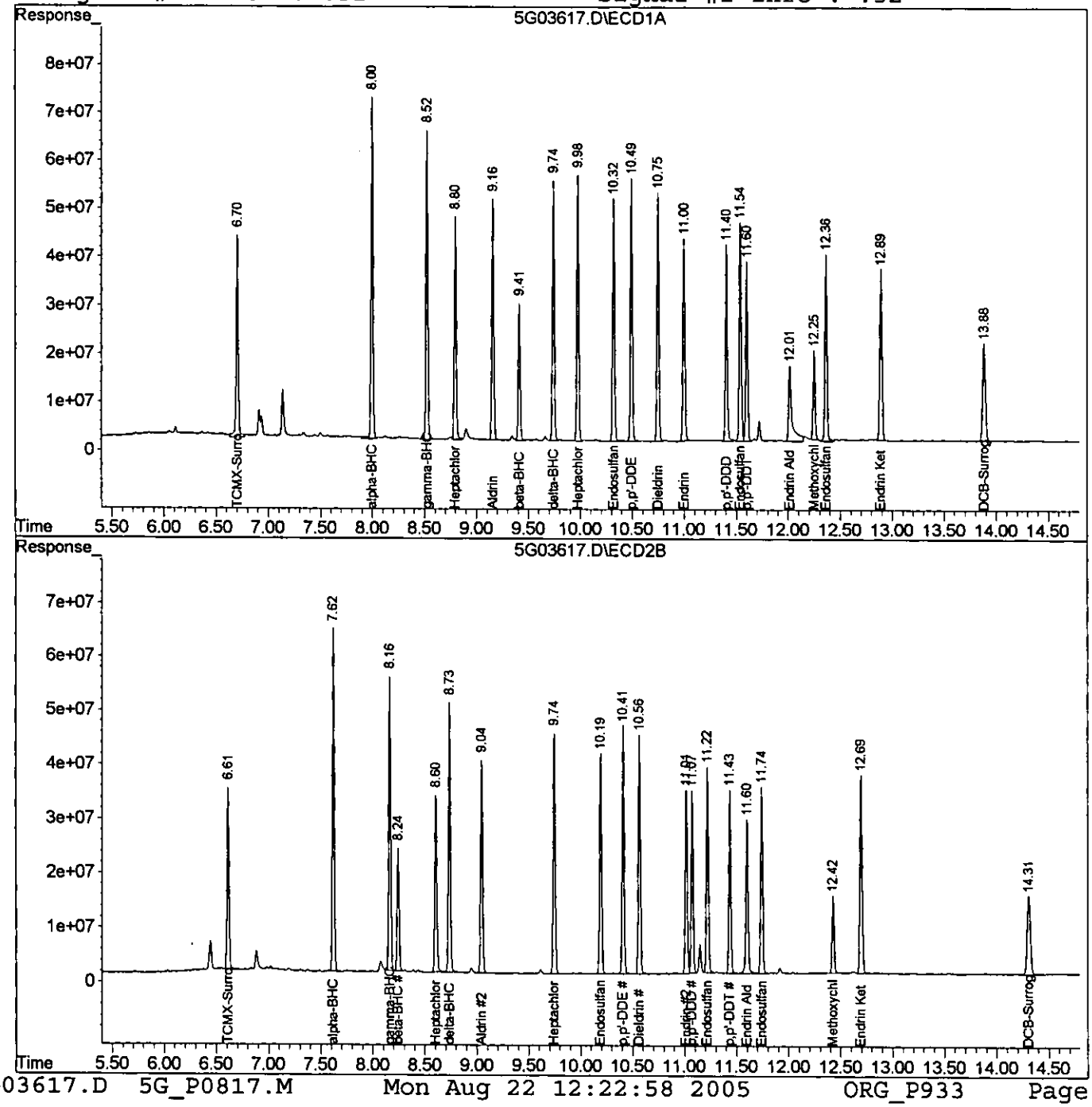
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03617.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-19-05\5G03617.D\ECD2B.CH
Acq On : 8-19-05 8:22:24 Operator: JK
Sample : WMB2323(MS) Inst : GC_5
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 19 8:39 2005 Quant Results File: 5G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0817.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Wed Aug 17 13:17:14 2005
Response via : Multiple Level Calibration
DataAcq Meth : 5G_8081.M

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



FORM 3
Spike Recovery

1217

Batch Number: SMB739B
Mbs Name: SMB739B(MS)
Ns Name: AC19052-001(5X)
Ms Name: AC19052-001(MS)
Msd Name: AC19052-001(MSD

Mbs File: 3G08620.D
Non Spk'd File: 3G08632.D
Spike File: 3G08622.D
Spike Dup File: 3G08623.D
Matrix: Soil
Method: 8081

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	96.94	0.00	95.43	96.02	97	95	96	0.62
Heptachlor	1	0	100	35	130	31	113.01	0.00	101.38	99.58	113	101	100	1.8
Aldrin	1	0	100	34	132	43	97.57	0.00	92.03	93.81	98	92	94	1.9
Dieldrin	1	0	100	31	134	38	105.09	0.00	89.15	88.27	105	89	88	0.99
Endrin	1	0	100	42	139	45	107.51	0.00	141.31	140.55	108	141 Mo	141 Mo	0.54
p,p'-DDT	1	0	100	23	134	50	95.99	0.00	97.51	74.64	96	98	75	27

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\08-17-05\3G08620.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08620.D\ECD2B.CH
Acq On : 17 Aug 2005 10:08 Operator: JK
Sample : SMB739B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 10:15 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 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	574399	1372703	118.548	116.599	
2)	alpha-BHC	3.82	3.62	626808	1671318	93.758	92.217	
3)	gamma-BHC	4.33	4.14	618305	1585230	96.943	101.377	
4)	beta-BHC	5.22	4.22	409038	859901	112.097	100.870	
5)	Heptachlor	4.62	4.57	589238	1501444	113.008	97.517	
6)	delta-BHC	5.56	4.71	526812	1408640	88.716	97.460	
7)	Aldrin	5.00	5.02	591966	1535647	97.569	92.687	
8)	Heptachlor Epoxi	5.84	5.74	561377	1484706	102.028	100.055	
11)	Endosulfan I	6.21	6.21	540575	1414220	124.974	87.919	#
12)	p,p'-DDE	6.42	6.46	615451	1491760	98.207	98.974	
13)	Dieldrin	6.67	6.62	533908	1439873	105.089	102.586	
14)	Endrin	6.95	7.10	480216	1178744	107.511	100.089	
15)	p,p'-DDD	7.41	7.19	436520	1116700	105.614	96.978	
16)	Endosulfan II	7.54	7.33	531059	1584876	102.735	115.348	
17)	p,p'-DDT	7.64	7.59	303478	991856	95.988	99.936	
18)	Endrin Aldehyde	8.05	7.76	375727	997882	98.584	96.068	
19)	Endosulfan Sulfa	8.45	7.92	451456	1154011	107.288	106.400	
20)	Methoxychlor	8.37	8.71	182975	502684	125.203	118.924	
21)	Endrin Ketone	9.00	8.96	497626	1446884	104.279	113.222	
22)	DCB-Surrogate	10.08	10.64	688680	1928453	106.547	103.801	

08/22/05

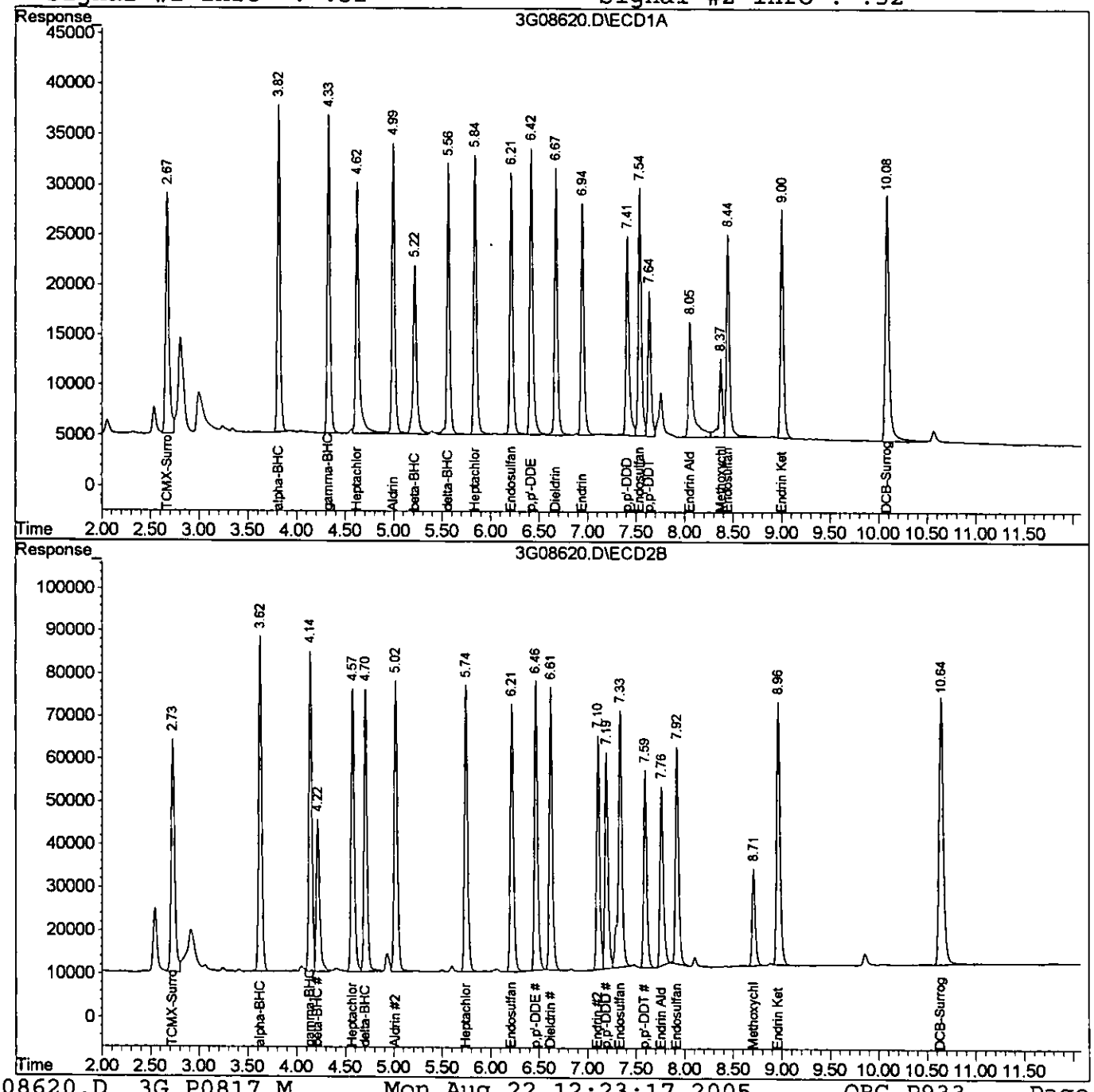
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08620.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08620.D\ECD2B.CH
Acq On : 17 Aug 2005 10:08 Operator: JK
Sample : SMB739B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 10:15 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 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\08-17-05\3G08622.D\ECD1A.CH Vial: 13
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08622.D\ECD2B.CH
Acq On : 17 Aug 2005 10:41 Operator: JK
Sample : AC19052-001(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 10:52 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 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	520201	1218283	107.087m	103.074
2)	alpha-BHC	3.82	3.62	604639	1489180	90.584m	82.740
3)	gamma-BHC	4.33	4.14	608400	1439763	95.426	92.074
4)	beta-BHC	5.22	4.22	350777	950046	95.026	111.780m
5)	Heptachlor	4.63	4.58	529065	1416317	101.380	91.988
6)	delta-BHC	5.56	4.71	439622	1345461	74.947	93.089
7)	Aldrin	5.00	5.02	557201	1400170	92.027	84.510
8)	Heptachlor Epoxi	5.84	5.74	516568	1329746	93.884	89.612
11)	Endosulfan I	6.21	6.22	568011	1244136	131.453m	77.345 #
12)	p,p'-DDE	6.42	6.46	1019888	2272504	162.743	150.773
13)	Dieldrin	6.67	6.62	452908	1270298	89.146m	90.504
14)	Endrin	6.95	7.11	631192	1261903	141.311m	107.150
15)	p,p'-DDD	7.41	7.19	2197634	4763030	531.706	398.676 #
16)	Endosulfan II	7.54	7.33	580200	1237782	112.241	90.086
17)	p,p'-DDT	7.64	7.59	308927	1721179	97.509	165.300 #
18)	Endrin Aldehyde	8.08	7.76	517676	734598	135.829m	71.315m#
19)	Endosulfan Sulfa	8.45	7.92	448892	875207	106.678	80.694m
20)	Methoxychlor	8.37	8.71	160245	299873	110.329m	70.944 #
21)	Endrin Ketone	9.00	8.96	460070	1175213	96.749m	91.963m
22)	DCB-Surrogate	10.09	10.64	643600	2175278	99.572m	117.087

08/22/05

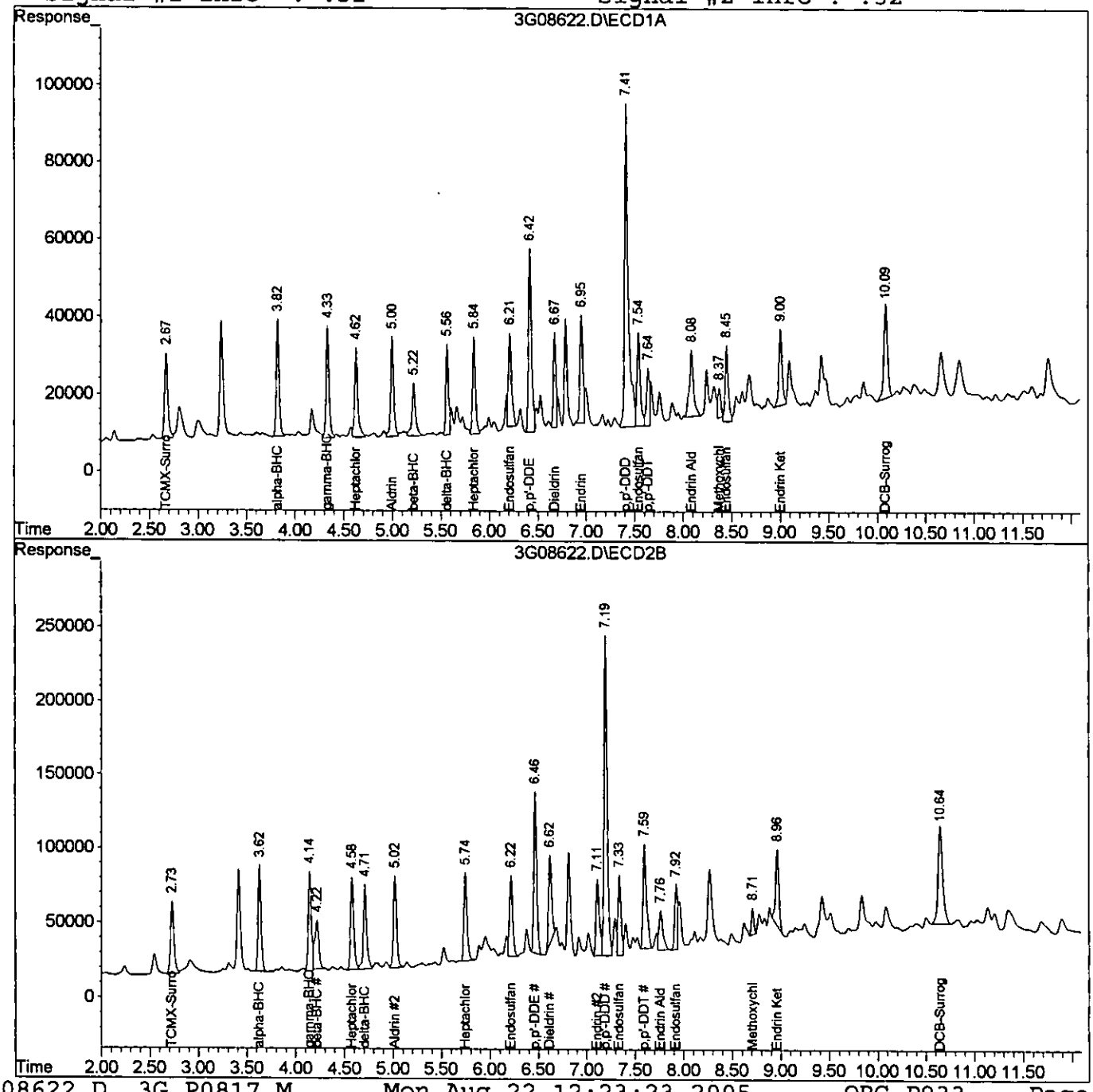
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08622.D\ECD1A.CH Vial: 13
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08622.D\ECD2B.CH
Acq On : 17 Aug 2005 10:41 Operator: JK
Sample : AC19052-001(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 10:52 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 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\08-17-05\3G08623.D\ECD1A.CH Vial: 14
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08623.D\ECD2B.CH
Acq On : 17 Aug 2005 10:58 Operator: JK
Sample : AC19052-001(MSD) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 11:12 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 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	572701	1242742	118.188	105.216
2)	alpha-BHC	3.82	3.63	596245	1623914	89.383m	89.751
3)	gamma-BHC	4.33	4.14	612288	1468875	96.021	93.936
4)	beta-BHC	5.22	4.22	341052	934855	92.185	109.942m
5)	Heptachlor	4.63	4.58	519761	1641579	99.582	106.618
6)	delta-BHC	5.56	4.71	483344	1461460	81.852	101.115
7)	Aldrin	5.00	5.02	568406	1479229	93.814	89.282
8)	Heptachlor Epoxi	5.84	5.74	555911	1370415	101.035	92.353
11)	Endosulfan I	6.21	6.22	573641	1253791	132.782m	77.946 #
12)	p,p'-DDE	6.42	6.46	1107599	2426415	176.740	160.985
13)	Dieldrin	6.67	6.62	448436	1290473	88.265m	91.942
14)	Endrin	6.95	7.11	627796	1252354	140.551m	106.340
15)	p,p'-DDD	7.41	7.19	2037072	5192087	492.858m	434.177
16)	Endosulfan II	7.54	7.33	530902	1132054	102.704m	82.391
17)	p,p'-DDT	7.64	7.59	226957	1815066	74.636m	173.714 #
18)	Endrin Aldehyde	8.09	7.76	491670	756915	129.006m	73.413m#
19)	Endosulfan Sulfa	8.45	7.92	414830	926498	98.584m	85.423m
20)	Methoxychlor	8.37	8.71	132301	286192	92.043m	67.707 #
21)	Endrin Ketone	9.00	8.96	393112	1149969	83.325m	89.988
22)	DCB-Surrogate	10.09	10.64	667336	2348096	103.245m	126.389m

08/22/05

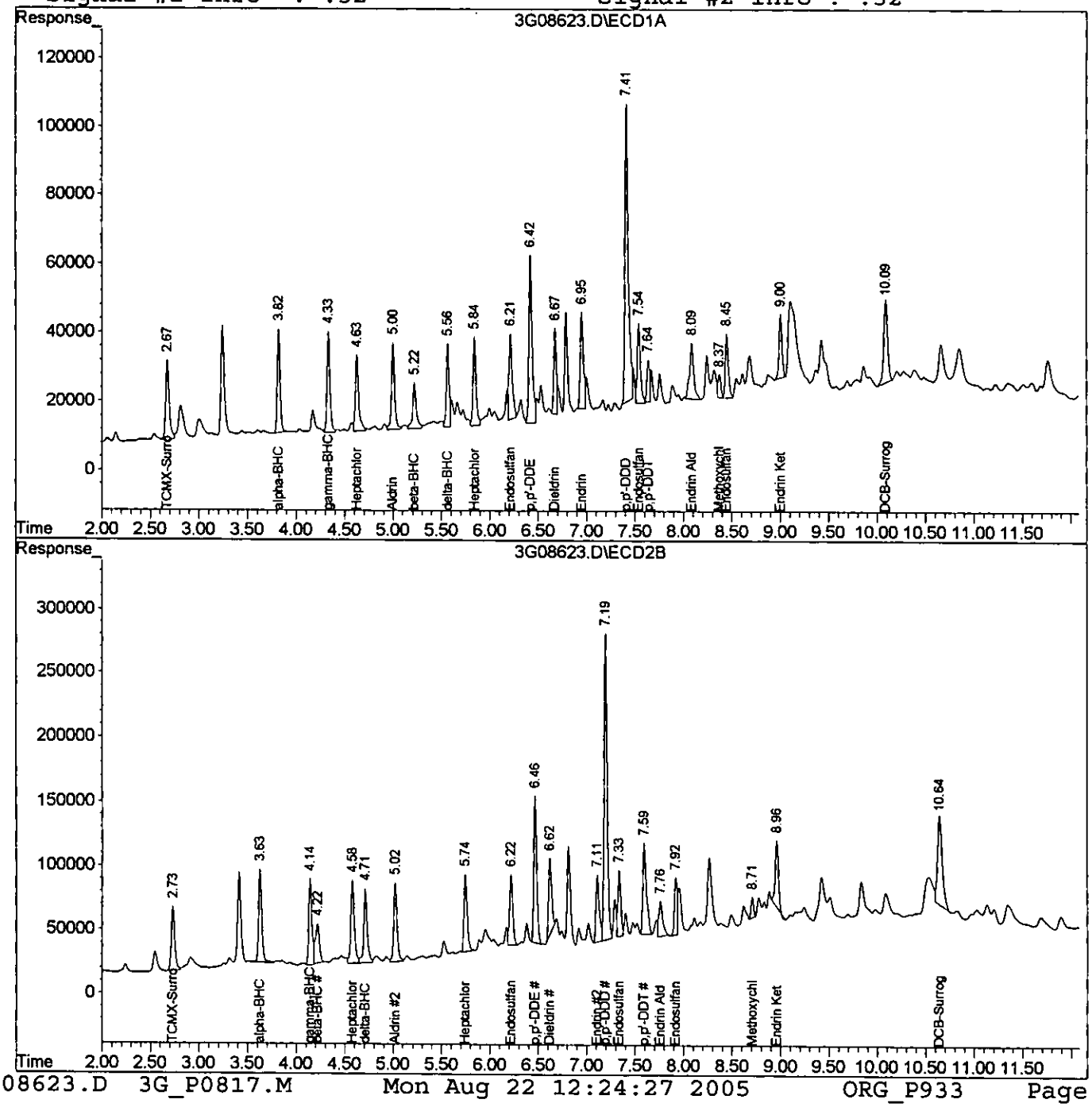
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08623.D\ECD1A.CH Vial: 14
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-17-05\3G08623.D\ECD2B.CH
Acq On : 17 Aug 2005 10:58 Operator: JK
Sample : AC19052-001(MSD) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 17 11:12 2005 Quant Results File: 3G_P0817.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_P0817.M (Chemstation Integr
Title : @GC_3,ug,608,8081
Last Update : Wed Aug 17 09:48:26 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

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



GC Pesticide Data
Extraction/Logbook Data

Method Blank No. SMB- 739B
Blank Spike (SMBS): 734B PEST, 739B
Blank Spike (SMBS): 736 B PCB, 739B

Date: 8/16/05
Matrix Spike: 18893-001, 19052-001 PEST
Matrix Spike: 19024-004, 19052-003 PCB

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume 10.0 ml	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 739B	X	X			20g	10.0ml GP 8/16/05	LP / 1 / RACK # 29
MBS 739B	X	X					/ 2, 3 /
19017-001	16	12					/ 10 /
19017-002	17	13					/ 11 /
19017-003	18	14					/ 12 /
19017-004	19	15					/ 13 /
19017-005	20	16					/ 14 /
19052-001MS	X						/ 4 /
19052-001MSD	X						/ 5 /
19052-001	1	17					/ 6 /
19052-002	2	18					/ 15 /
19052-005	3	19					/ 16 /
19052-006	4	20					/ 17 /
19052-003MS		X					/ 7 /
19052-003MSD		X					/ 8 /
19052-003	5	1					/ 9 /
18940-006	R	R					/ 18 /
19005-001		2					/ 19 /
19055-001		3					/ 20 /
							/
							/
							/
							/
							/
							/
							/
							/
							/
							/
							/
							/
							/

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-5720	PEST

Surrogate Standard

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

Reagent Lots: MeCL2 ___ Acetone 050716 Hexane 044526 Na2SO4 ___ Ether ___
MTBE ___ Other ___

Relinquished By: LTKN
Received By: Kasui

Date: 8/16/05
Date: 8/17/05

Method Blank No. SMB- 741B
Blank Spike (SMBS): 739B PEST
Blank Spike (SMBS): 739B PCB

Date: 8/17/05
Matrix Spike: 19052-001
Matrix Spike: 19052-003

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 741B	x	x			209	10.0ml	GN / 1 / RACK # 25
MBS 741B	x	x					/ 2, 3 /
19099-001	14	12					/ 4 /
19099-004	15	13					/ 5 /
19099-007	16	14					/ 6 /
19099-010	17	15					/ 7 /
19099-013	18	16					/ 8 /
19099-014	19	17					/ 9 /
19017-001	R	R					/ 10 /
19124-001	~~20~~ RQ 8/18/05	18					/ 11 /

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-5720	PEST

Surrogate Standard

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

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

Relinquished By: GKN Date: 8/17/05
Received By: Kisell Date: 8/18/05

Method Blank No. WMB- 2323
Blank Spike (WMBS): 2312 Pest
Blank Spike (WMBS): ~~2312~~ ~~2323~~ 2314 Pcb 8/18

Date: 8/18/05 MSL 8/19
Matrix Spike: 18991-001+2
Matrix Spike: 18991-001

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

Sample Number	No. in batch Pest	PCB	Herb	Other	Initial Vol	Final Vol	Comments	TCLP QC	Extraction Fluid
MB 2323	X	X			1000ml	5ml	RACK 30	18991-001	EF1 V5752
MBS 2323	X	X			↓				
18766-003	14				100ml			14	↑
19123-004	15							15	EF2 V5861(1)
19124-001	16							16	2
EF1 V5752	X								
EF2 V5861	X				↓	↓			
19099-019	17	13			940ml	5ml	MSL Rack #35		
19114-001		14			1000ml	1ml			
19115-001		15			↓	1ml			
19172-001		16			950ml	5ml			
19172-002		17			940ml	↓	↓		

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

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V4044	(Pest) / PCB / Herb/ Other
50	100		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	V5754	(Pest / PCB) / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 051907 Acetone ___ Hexane ___ Na2SO4 052002 Ether ___

MTBE ___ Other ___

Relinquished By: Alex [signature] / MSL Date: 8/18/05
Received By: Kogui Date: 8/19/05

RUN LOG

Instrument: GC_3 Year: 2005 Analyst: UK

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
3G08610.	CAL EVAL	Is			Soil	1	1	8081	08/17 07:25	3G08334				
`08611.	CAL PEST@2PPB				Soil	1	1	608 8081	08/17 07:41	3G08611				
J8612.	CAL PEST@10PPB				Soil	1	1	608 8081	08/17 07:57	3G08611				
3G08613.	CAL PEST@50PPB				Soil	1	1	608 8081	08/17 08:13	3G08611				
3G08614.	CAL PEST@100PPB				Soil	1	1	608 8081	08/17 08:30	3G08611				
3G08615.	CAL PEST@200PPB				Soil	1	1	608 8081	08/17 08:46	3G08611				
3G08616.	CAL PEST@400PPB				Soil	1	1	608 8081	08/17 09:03	3G08611				
3G08617.	CAL CHLOR@100PPB				Soil	1	1	608 8081	08/17 09:19	3G08611				
3G08618.	CAL TOX@500PPB				Soil	1	1	608 8081	08/17 09:36	3G08611				
3G08619.	SMB739B				Soil	1	1	8081	08/17 09:52	3G08611		3G08611	3G08635	
3G08620.	SMB739B(MS)		SMB739B		Soil	1	1	8081	08/17 10:08	3G08611		3G08611	3G08635	
3G08621.	AC19017-001		SMB739B	PE-8081	Soil	1	1	8081	08/17 10:25	3G08611		3G08611	3G08635	
3G08622.	AC19052-001(MS)	M18M28	SMB739B	PE-8081	Soil	1	1	8081	08/17 10:41	3G08611		3G08611	3G08635	
3G08623.	AC19052-001(MSD)	M18M28	SMB739B	PE-8081	Soil	1	1	8081	08/17 10:58	3G08611		3G08611	3G08635	
3G08624.	AC19052-001			PE-8081	Soil	1	1	8081	08/17 11:14	3G08611		3G08611	3G08635	
3G08625.	AC19017-002			PE-8081	Soil	1	1	8081	08/17 11:31	3G08611		3G08611	3G08635	
3G08626.	AC19017-003			PE-8081	Soil	1	1	8081	08/17 11:47	3G08611		3G08611	3G08635	
3G08627.	AC19017-004			PE-8081	Soil	1	1	8081	08/17 12:04	3G08611		3G08611	3G08635	
3G08628.	AC19017-005			PE-8081	Soil	1	1	8081	08/17 12:20	3G08611		3G08611	3G08635	
3G08629.	AC19052-002			PE-8081	Soil	1	1	8081	08/17 12:36	3G08611		3G08611	3G08635	
3G08630.	AC19052-003			PE-8081	Soil	1	1	8081	08/17 12:53	3G08611		3G08611	3G08635	
3G08631.	AC19052-006			PE-8081	Soil	1	1	8081	08/17 13:09	3G08611		3G08611	3G08635	
3G08632.	AC19052-001(5X)		SMB739B	PE-8081	Soil	5	5	8081	08/17 13:26	3G08611		3G08611	3G08635	
3G08633.	AC19052-005			PE-8081	Soil	1	1	8081	08/17 13:42	3G08611		3G08611	3G08635	
3G08634.	50PPB				Soil	1	1	8081	08/17 14:10	3G08611		3G08611	3G08635	
3G08635.	CAL PEST@50PPB	C26			Soil	1	1	608 8081	08/17 14:27	3G08611				
3G08636.	CAL 1660@500PPB				Soil	1	1	608 8082	08/17 14:43	3G08532				
3G08637.	SMB673				Soil	1	1	8082	08/17 15:00	3G08532		3G08636	3G08653	
3G08638.	SMB673(MS)		SMB673		Soil	1	1	8082	08/17 15:16	3G08532		3G08636	3G08653	
3G08639.	AC19076-001			PCB-8082	Soil	1	1	8082	08/17 15:33	3G08532		3G08636	3G08653	
3G08640.	SMB740B				Soil	1	1	8082	08/17 15:49	3G08532		3G08636	3G08653	
3G08641.	SMB740B(MS)		SMB740B		Soil	1	1	8082	08/17 16:06	3G08532		3G08636	3G08653	
3G08642.	AC18962-001			PCB-8082	Soil	1	1	8082	08/17 16:22	3G08532		3G08636	3G08653	
3G08643.	AC19052-005			PCB-8082	Soil	1	1	8082	08/17 16:38	3G08532		3G08636	3G08653	
3G08644.	AC19052-006			PCB-8082	Soil	1	1	8082	08/17 16:55	3G08532		3G08636	3G08653	
`08645.	AC19108-001			PCB-8082	Soil	1	1	8082	08/17 17:11	3G08532		3G08636	3G08653	
J8646.	AC19108-002			PCB-8082	Soil	1	1	8082	08/17 17:28	3G08532		3G08636	3G08653	
3G08647.	AC19108-009			PCB-8082	Soil	1	1	8082	08/17 17:44	3G08532		3G08636	3G08653	
3G08648.	AC19108-010			PCB-8082	Soil	1	1	8082	08/17 18:01	3G08532		3G08636	3G08653	
3G08649.	AC19108-011			PCB-8082	Soil	1	1	8082	08/17 18:17	3G08532		3G08636	3G08653	
3G08650.	AC19108-014			PCB-8082	Soil	1	1	8082	08/17 18:34	3G08532		3G08636	3G08653	
3G08651.	AC19108-012			PCB-8082	Soil	1	1	8082	08/17 18:50	3G08532		3G08636	3G08653	
3G08652.	AC19108-013			PCB-8082	Soil	1	1	8082	08/17 19:06	3G08532		3G08636	3G08653	
3G08653.	CAL 1660@1000PPB				Soil	0.5	1	608 8082	08/17 19:23	3G08532				
3G08654.	1000PPB	Cme			Soil	0.5	1	8082	08/17 19:39	3G08532		3G08653		
3G08655.	2000PPB	Cme			Soil	0.25	1	8082	08/17 19:56	3G08532		3G08653		

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 %Drft Out
Bnf	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)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for ini 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 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	tl 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/rundales modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	We	Warning— Instrument Id not in TxtLoc field.

RUN LOG

Instrument: GC_5 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	8000 End Cal	BlkFile
5G03562.	CAL EVAL				Soil	1	1	8081	08/17 05:15	5G03469				
5G03563.	CAL PEST@2PPB	C16C26C18C28			Aqueou	1	1	608 8081	08/17 06:02	5G03469				
[illegible]03564.	CAL PEST@10PPB				Aqueou	1	1	608 8081	08/17 06:21	5G03570				
[illegible]3565.	CAL PEST@50PPB				Aqueou	1	1	608 8081	08/17 06:40	5G03570				
5G03566.	CAL PEST@100PPB				Aqueou	1	1	608 8081	08/17 06:58	5G03570				
5G03567.	CAL PEST@200PPB				Aqueou	1	1	608 8081	08/17 07:17	5G03570				
5G03568.	CAL PEST@400PPB				Aqueou	1	1	608 8081	08/17 07:36	5G03570				
5G03569.	CAL CHLOR@100PPB				Aqueou	1	1	608 8081	08/17 07:55	5G03570				
5G03570.	CAL PEST@2PPB				Aqueou	1	1	608 8081	08/17 08:14	5G03570				
5G03571.	CAL TOX@500PPB				Aqueou	1	1	608 8081	08/17 08:32	5G03570				
5G03572.	AC18737-034			PE-8081	Soil	1	1	8081	08/17 09:03	5G03570		5G03570	5G03577	
5G03573.	AC18737-034(5X)			PE-8081	Soil	5	5	8081	08/17 09:21	5G03570		5G03570	5G03577	
5G03574.	AC18737-036			PE-8081	Soil	1	1	8081	08/17 09:40	5G03570		5G03570	5G03577	
5G03575.	AC18737-038			PE-8081	Soil	1	1	8081	08/17 09:59	5G03570		5G03570	5G03577	
5G03576.	AC18940-006(R)			PE-8081	Soil	1	1	8081	08/17 10:18	5G03570		5G03570	5G03577	
5G03577.	CAL PEST@50PPB	C16C26			Soil	1	1	608 8081	08/17 12:31	5G03570				
5G03578.	CAL PEST@50PPB	C16C26			Soil	1	1	608 8081	08/17 12:50	5G03570				

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
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
[illegible]	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration 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 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 modcheckprepruna	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	8000 End Cal	BlkFile
5G03579.	CAL EVAL				Soil	1	1	8081	08/18 00:02	5G03570				
5G03580.	CAL PEST@50PPB	C16			Soil	1	1	608 8081	08/18 00:21	5G03570				
5G03581.	50PPB				Soil	1	1	8081	08/18 00:40	5G03570		5G03580	5G03582	
5G03582.	CAL PEST@100PPB				Soil	0.5	1	608 8081	08/18 00:58	5G03570				
5G03583.	SMB740B				Soil	1	1	8081	08/18 01:17	5G03570		5G03582	5G03603	
5G03584.	SMB740B(MS)		SMB740B		Soil	1	1	8081	08/18 01:36	5G03570		5G03582	5G03603	
5G03585.	AC19017-002			PE-8081	Soil	1	1	8081	08/18 01:55	5G03570		5G03582	5G03603	
5G03586.	AC19052-006			PE-8081	Soil	1	1	8081	08/18 02:14	5G03570		5G03582	5G03603	
5G03587.	AC19052-002(5X)			PE-8081	Soil	5	5	8081	08/18 02:33	5G03570		5G03582	5G03603	
5G03588.	AC19052-003(10X)			PE-8081	Soil	10	10	8081	08/18 02:51	5G03570		5G03582	5G03603	
5G03589.	AC19108-001			PE-8081	Soil	1	1	8081	08/18 03:10	5G03570		5G03582	5G03603	
5G03590.	AC19108-002			PE-8081	Soil	1	1	8081	08/18 03:29	5G03570		5G03582	5G03603	
5G03591.	AC19108-009			PE-8081	Soil	1	1	8081	08/18 03:48	5G03570		5G03582	5G03603	
5G03592.	AC19108-010			PE-8081	Soil	1	1	8081	08/18 04:07	5G03570		5G03582	5G03603	
5G03593.	AC19108-011			PE-8081	Soil	1	1	8081	08/18 04:26	5G03570		5G03582	5G03603	
5G03594.	AC19108-014			PE-8081	Soil	1	1	8081	08/18 04:44	5G03570		5G03582	5G03603	
5G03595.	AC19108-012			PE-8081	Soil	1	1	8081	08/18 05:03	5G03570		5G03582	5G03603	
5G03596.	AC19108-013			PE-8081	Soil	1	1	8081	08/18 05:22	5G03570		5G03582	5G03603	
5G03597.	SMB741B				Soil	1	1	8081	08/18 05:41	5G03570		5G03582	5G03603	
5G03598.	SMB741B(MS)		SMB741B		Soil	1	1	8081	08/18 06:00	5G03570		5G03582	5G03603	
5G03599.	AC19099-001			PE-8081	Soil	1	1	8081	08/18 06:19	5G03570		5G03582	5G03603	
5G03600.	AC19099-007			PE-8081	Soil	1	1	8081	08/18 06:37	5G03570		5G03582	5G03603	
5G03601.	AC19017-001(R)			PE-8081	Soil	1	1	8081	08/18 06:56	5G03570		5G03582	5G03603	
5G03602.	AC19099-004			PE-8081	Soil	1	1	8081	08/18 07:15	5G03570		5G03582	5G03603	
5G03603.	CAL PEST@50PPB	C16C26			Soil	1	1	608 8081	08/18 08:07	5G03570				
5G03604.	SMB2407				Soil	1	1	8081	08/18 08:26	5G03570		5G03603	5G03613	
5G03605.	SMB2407A(MS)		SMB2407A		Soil	1	1	8081	08/18 08:45	5G03570		5G03603	5G03613	
5G03606.	SMB2407B(MS)		SMB2407B		Soil	1	1	8081	08/18 09:04	5G03570		5G03603	5G03613	
5G03607.	SMB2407C(MS)		SMB2407C		Soil	1	1	8081	08/18 09:22	5G03570		5G03603	5G03613	
5G03608.	SMB2407D(MS)		SMB2407D		Soil	1	1	8081	08/18 09:41	5G03570		5G03603	5G03613	
5G03609.	AC19099-014			PE-8081	Soil	1	1	8081	08/18 10:00	5G03570		5G03603	5G03613	
5G03610.	AC19099-013			PE-8081	Soil	1	1	8081	08/18 10:19	5G03570		5G03603	5G03613	
5G03611.	AC19099-010			PE-8081	Soil	1	1	8081	08/18 10:38	5G03570		5G03603	5G03613	
5G03612.	50PPB				Soil	1	1	8081	08/18 11:12	5G03570		5G03603	5G03613	
5G03613.	CAL PEST@50PPB	C16C26			Soil	1	1	608 8081	08/18 11:32	5G03570				

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 Dnft
	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)
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 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	Dnft 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	Dnft Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Dnft Out	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
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning....Instrument Id not in TstLoc 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
5G03614.	CAL EVAL				Soil	1	1	8081	08/19 07:03	5G03570				
03615.	CAL PEST@10PPB	C16C26			Soil	5	1	608 8081	08/19 07:42	5G03570				
03616.	WMB2323	C6f			Aqueou	1	1	608 8081	08/19 08:03	5G03570	5G03615	5G03615	5G03624	
5G03617.	WMB2323(MS)	C6fM18	WMB2323		Aqueou	1	1	608 8081	08/19 08:22	5G03570	5G03615	5G03615	5G03624	
5G03618.	AC19123-004(T)			PETCLP-808	Aqueou	1	1	8081	08/19 08:41	5G03570		5G03615	5G03624	
5G03619.	AC19124-001(T)			PETCLP-808	Aqueou	1	1	8081	08/19 09:00	5G03570		5G03615	5G03624	
5G03620.	AC18766-003(T)	Eto		PETCLP-808	Aqueou	1	1	8081	08/19 09:18	5G03570		5G03615	5G03624	
5G03621.	EF2 V5861				Aqueou	1	1	8081	08/19 09:37	5G03570		5G03615	5G03624	
5G03622.	EF1 V5752				Aqueou	1	1	8081	08/19 09:56	5G03570		5G03615	5G03624	
5G03623.	AC19099-019			PE-8081	Aqueou	1	1	8081	08/19 10:15	5G03570		5G03615	5G03624	
5G03624.	CAL PEST@50PPB	C16C26C18			Aqueou	1	1	608 8081	08/19 10:34	5G03570				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Eln	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	Elo	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
[illegible]	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)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C8f	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 modcheckprepruns	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

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

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

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

Veritech Lot Number: V-3166

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

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

Veritech Lot Number: V-4044

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

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

Veritech Lot Number: V-5154

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

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

Veritech Lot Number: V-5751

Prepared By:	Korytova, Jaroslava	Department:	Organics
Description:	PEST/PCB SURR	BatchNumber:	
Prep Date:	8/15/05	Concentration:	200 ppm
Expiration Date:	5/22/06	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
485	Acetone Neat	100 ml		
1283	TCMX-Surrogate	20 mg	neat neat	200 ppm
1282	DCB-Surrogate	20 mg	neat neat	200 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5813

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	PEST-INTERM.	BatchNumber:	
Prep Date:	8/16/05	Concentration:	10 ppm
Expiration Date:	2/12/06	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-5751	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-5814

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	EVAL MIX	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	100 ppb
Expiration Date:	2/12/06	Final Volume:	25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	24982.5 ul	neat neat	
850	DDT/Endrin Mix	5 ul	500 ppm	100 ppb
V-5821	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb

Veritech Lot Number: V-5815

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	400 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9600 ul	neat neat	
V-5813	PEST-INTERM.	400 ul	10 ppm	400 ppb

Veritech Lot Number: V-5816

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	200 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9800 ul	neat neat	
V-5813	PEST-INTERM.	200 ul	10 ppm	200 ppb

Veritech Lot Number: V-5817

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	100 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9900 ul	neat neat	
V-5813	PEST-INTERM.	100 ul	10 ppm	100 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5818

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	50 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9950 ul	neat neat	
V-5813	PEST-INTERM.	50 ul	10 ppm	50 ppb

Veritech Lot Number: V-5819

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	10 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9990 ul	neat neat	
V-5813	PEST-INTERM.	10 ul	10 ppm	10 ppb

Veritech Lot Number: V-5820

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	pest WS	BatchNumber:	B-595
Prep Date:	8/16/05	Concentration:	2 ppb
Expiration Date:	2/12/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9998 ul	neat neat	
V-5813	PEST-INTERM.	2 ul	10 ppm	2 ppb

Veritech Lot Number: V-5821

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	PEST/PCB SURR	BatchNumber:	
Prep Date:	8/16/05	Concentration:	200 ppm
Expiration Date:	2/12/06	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
485	Acetone Neat	100 ml		
1283	TCMX-Surrogate	20 mg	neat neat	200 ppm
1282	DCB-Surrogate	20 mg	neat neat	200 ppm

Veritech Lot Number: V-5833

Prepared By:	Korytova, Jaroslava	Department:	Organics
Description:	TOXAPHENE- INTERMEDIATE	BatchNumber:	
Prep Date:	8/17/05	Concentration:	50 ppm
Expiration Date:	2/12/06	Final Volume:	1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1061	TOXAPHENE	50 ul	1000 ppm	50 ppm
802	n-Hexane	925 ul		neat
V-5821	PEST/PCB SURR	25 ul	200 ppm	50 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5834

Prepared By: Korytova, Jaroslava
Description: TOXAPHENE- WS
Prep Date: 8/17/05
Expiration Date: 2/12/06
Department: Organics
BatchNumber:
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-5833	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb

Veritech Lot Number: V-5835

Prepared By: Korytova, Jaroslava
Description: CHLORDANE-INTERMEDIATE
Prep Date: 8/17/05
Expiration Date: 2/12/06
Department: Organics
BatchNumber:
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
809	Chlordane	10 ul	1000 ppm	
V-5821	PEST/PCB SURR	50 ul	200 ppm	

Veritech Lot Number: V-5837

Prepared By: Korytova, Jaroslava
Description: CHLORDANE-WS
Prep Date: 8/17/05
Expiration Date: 2/12/06
Department: Organics
BatchNumber:
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-5835	CHLORDANE-INTERMEDIATE	100 ul	10 ppm	100 ppb

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: 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 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 Control/Receipt Number: 1282

Description
DCB-Surrogate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	442537(1)	LB31857	08/11/05	07/31/08	Korytova, Jaroslav	1	100m	neat	neat

Veritech Control/Receipt Number: 1283

Description
TCMX-Surrogate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	442298(1)	LB27990	08/15/05	05/22/06	Korytova, Jaroslav	1	1g	neat	neat

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-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 Lot Number: V-5720

Prepared By: Quimby, Richard
Description: Pest Spk
Prep Date: 8/8/2005
Expiration Date: 2/7/2006
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	

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

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC19099-001	% Solid:	89	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 56 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.5	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-38-2	Arsenic	2.2	13	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-39-3	Barium	11	63	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-43-9	Cadmium	0.67	0.76	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-47-3	Chromium	5.6	55	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-50-8	Copper	5.6	100	100	08/19/05	6274	S6274A	23	P	PEICP1
7439-92-1	Lead	5.6	130	100	08/19/05	6274	S6274A	23	P	PEICP1
7439-97-6	Mercury	0.094	0.36	167	08/19/05	6274	H6274S	19	CV	HGCV1
7440-02-0	Nickel	5.6	49	100	08/19/05	6274	S6274A	23	P	PEICP1
7782-49-2	Selenium	2.0	4.0	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/19/05	6274	S6274A	23	P	PEICP1
7440-66-6	Zinc	11	190	100	08/19/05	6274	S6274A	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:	AC19099-002	% Solid:	77	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 56 (2.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	4.8	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-38-2	Arsenic	2.6	14	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-39-3	Barium	13	100	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-41-7	Beryllium	0.78	ND	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-43-9	Cadmium	0.78	1.2	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-47-3	Chromium	6.5	28	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-50-8	Copper	6.5	180	100	08/19/05	6274	S6274A	24	P	PEICP1
7439-92-1	Lead	6.5	360	100	08/19/05	6274	S6274A	24	P	PEICP1
7439-97-6	Mercury	0.11	0.28	167	08/19/05	6274	H6274S	22	CV	HGCV1
7440-02-0	Nickel	6.5	44	100	08/19/05	6274	S6274A	24	P	PEICP1
7782-49-2	Selenium	2.3	3.6	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-22-4	Silver	3.2	ND	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/19/05	6274	S6274A	24	P	PEICP1
7440-66-6	Zinc	13	500	100	08/19/05	6274	S6274A	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:	AC19099-003	% Solid:	53	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 56 (6.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.8	ND	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-38-2	Arsenic	3.8	36	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-39-3	Barium	19	250	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-41-7	Beryllium	1.1	1.5	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-43-9	Cadmium	1.1	4.4	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-47-3	Chromium	9.4	130	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-50-8	Copper	9.4	120	100	08/19/05	6274	S6274A	25	P	PEICP1
7439-92-1	Lead	9.4	220	100	08/19/05	6274	S6274A	25	P	PEICP1
7439-97-6	Mercury	0.16	0.89	167	08/19/05	6274	H6274S	23	CV	HGCV1
7440-02-0	Nickel	9.4	51	100	08/19/05	6274	S6274A	25	P	PEICP1
7782-49-2	Selenium	3.4	6.9	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-22-4	Silver	4.7	ND	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-28-0	Thallium	2.3	ND	100	08/19/05	6274	S6274A	25	P	PEICP1
7440-66-6	Zinc	19	850	100	08/19/05	6274	S6274A	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:	AC19099-004	% Solid:	88	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 57 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	4.0	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-38-2	Arsenic	2.3	19	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-39-3	Barium	11	250	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-43-9	Cadmium	0.68	1.7	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-47-3	Chromium	5.7	29	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-50-8	Copper	5.7	210	100	08/19/05	6274	S6274A	26	P	PEICP1
7439-92-1	Lead	5.7	1600	100	08/19/05	6274	S6274A	26	P	PEICP1
7439-97-6	Mercury	0.095	1.3	167	08/19/05	6274	H6274S	24	CV	HGCV1
7440-02-0	Nickel	5.7	33	100	08/19/05	6274	S6274A	26	P	PEICP1
7782-49-2	Selenium	2.0	4.8	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/19/05	6274	S6274A	26	P	PEICP1
7440-66-6	Zinc	11	960	100	08/19/05	6274	S6274A	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:	AC19099-005	% Solid:	87	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 57 (2.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.2	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-38-2	Arsenic	2.3	11	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-39-3	Barium	11	99	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-41-7	Beryllium	0.69	ND	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-43-9	Cadmium	0.69	ND	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-47-3	Chromium	5.7	31	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-50-8	Copper	5.7	170	100	08/19/05	6274	S6274A	27	P	PEICP1
7439-92-1	Lead	5.7	310	100	08/19/05	6274	S6274A	27	P	PEICP1
7439-97-6	Mercury	0.096	0.38	167	08/19/05	6274	H6274S	25	CV	HGCV1
7440-02-0	Nickel	5.7	20	100	08/19/05	6274	S6274A	27	P	PEICP1
7782-49-2	Selenium	2.1	3.7	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/19/05	6274	S6274A	27	P	PEICP1
7440-66-6	Zinc	11	350	100	08/19/05	6274	S6274A	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:	AC19099-006	% Solid:	49	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 57 (5.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	4.1	ND	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-38-2	Arsenic	4.1	42	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-39-3	Barium	20	300	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-41-7	Beryllium	1.2	1.3	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-43-9	Cadmium	1.2	1.7	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-47-3	Chromium	10	210	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-50-8	Copper	10	160	100	08/19/05	6274	S6274A	30	P	PEICP1
7439-92-1	Lead	10	270	100	08/19/05	6274	S6274A	30	P	PEICP1
7439-97-6	Mercury	0.17	0.95	167	08/19/05	6274	H6274S	26	CV	HGCV1
7440-02-0	Nickel	10	49	100	08/19/05	6274	S6274A	30	P	PEICP1
7782-49-2	Selenium	3.7	7.0	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-22-4	Silver	5.1	ND	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-28-0	Thallium	2.4	ND	100	08/19/05	6274	S6274A	30	P	PEICP1
7440-66-6	Zinc	20	850	100	08/19/05	6274	S6274A	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:	AC19099-007	% Solid:	91	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 58 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	5.2	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-38-2	Arsenic	2.2	28	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-39-3	Barium	11	61	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-41-7	Beryllium	0.66	ND	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-43-9	Cadmium	0.66	ND	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-47-3	Chromium	5.5	53	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-50-8	Copper	5.5	94	100	08/19/05	6274	S6274A	31	P	PEICP1
7439-92-1	Lead	5.5	180	100	08/19/05	6274	S6274A	31	P	PEICP1
7439-97-6	Mercury	0.092	0.24	167	08/19/05	6274	H6274S	27	CV	HGCV1
7440-02-0	Nickel	5.5	35	100	08/19/05	6274	S6274A	31	P	PEICP1
7782-49-2	Selenium	2.0	6.4	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/19/05	6274	S6274A	31	P	PEICP1
7440-66-6	Zinc	11	51	100	08/19/05	6274	S6274A	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:	AC19099-008	% Solid:	77	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 58 (5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.5	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-38-2	Arsenic	2.6	20	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-39-3	Barium	13	120	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-41-7	Beryllium	0.78	ND	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-43-9	Cadmium	0.78	ND	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-47-3	Chromium	6.5	28	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-50-8	Copper	6.5	270	100	08/19/05	6274	S6274A	32	P	PEICP1
7439-92-1	Lead	6.5	160	100	08/19/05	6274	S6274A	32	P	PEICP1
7439-97-6	Mercury	0.11	0.15	167	08/19/05	6274	H6274S	28	CV	HGCV1
7440-02-0	Nickel	6.5	27	100	08/19/05	6274	S6274A	32	P	PEICP1
7782-49-2	Selenium	2.3	3.4	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-22-4	Silver	3.2	ND	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/19/05	6274	S6274A	32	P	PEICP1
7440-66-6	Zinc	13	94	100	08/19/05	6274	S6274A	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:	AC19099-009	% Solid:	67	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 58 (11)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	08/19/05	6274	S6274A	33	P	PEICP1
7440-38-2	Arsenic	3.0	3.5	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-39-3	Barium	15	150	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-41-7	Beryllium	0.90	ND	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-43-9	Cadmium	0.90	ND	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-47-3	Chromium	7.5	44	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-50-8	Copper	7.5	16	100	08/19/05	6274	S6274A	33	P	PEICP1
7439-92-1	Lead	7.5	37	100	08/19/05	6274	S6274A	33	P	PEICP1
7439-97-6	Mercury	0.12	ND	167	08/19/05	6274	H6274S	29	CV	HGCV1
7440-02-0	Nickel	7.5	27	100	08/19/05	6274	S6274A	33	P	PEICP1
7782-49-2	Selenium	2.7	3.5	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-22-4	Silver	3.7	ND	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-28-0	Thallium	1.8	ND	100	08/19/05	6274	S6274A	33	P	PEICP1
7440-66-6	Zinc	15	82	100	08/19/05	6274	S6274A	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:	AC19099-010	% Solid:	91	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 59 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.3	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-38-2	Arsenic	2.2	39	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-39-3	Barium	11	190	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-41-7	Beryllium	0.66	ND	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-43-9	Cadmium	0.66	1.5	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-47-3	Chromium	5.5	31	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-50-8	Copper	5.5	130	100	08/19/05	6274	S6274A	34	P	PEICP1
7439-92-1	Lead	5.5	960	100	08/19/05	6274	S6274A	34	P	PEICP1
7439-97-6	Mercury	0.092	0.66	167	08/19/05	6274	H6274S	30	CV	HGCV1
7440-02-0	Nickel	5.5	27	100	08/19/05	6274	S6274A	34	P	PEICP1
7782-49-2	Selenium	2.0	3.1	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/19/05	6274	S6274A	34	P	PEICP1
7440-66-6	Zinc	11	1300	100	08/19/05	6274	S6274A	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:	AC19099-011	% Solid:	88	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 59 (5.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.6	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-38-2	Arsenic	2.3	44	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-39-3	Barium	11	290	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-41-7	Beryllium	0.68	ND	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-43-9	Cadmium	0.68	1.6	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-47-3	Chromium	5.7	36	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-50-8	Copper	5.7	150	100	08/19/05	6274	S6274A	35	P	PEICP1
7439-92-1	Lead	5.7	2000	100	08/19/05	6274	S6274A	35	P	PEICP1
7439-97-6	Mercury	0.095	1.0	167	08/19/05	6274	H6274S	31	CV	HGCV1
7440-02-0	Nickel	5.7	28	100	08/19/05	6274	S6274A	35	P	PEICP1
7782-49-2	Selenium	2.0	3.1	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/19/05	6274	S6274A	35	P	PEICP1
7440-66-6	Zinc	11	2600	100	08/19/05	6274	S6274A	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:	AC19099-012	% Solid:	40	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 59 (10.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	5.0	ND	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-38-2	Arsenic	5.0	7.8	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-39-3	Barium	25	180	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-41-7	Beryllium	1.5	ND	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-43-9	Cadmium	1.5	ND	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-47-3	Chromium	12	44	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-50-8	Copper	12	29	100	08/19/05	6274	S6274A	36	P	PEICP1
7439-92-1	Lead	12	67	100	08/19/05	6274	S6274A	36	P	PEICP1
7439-97-6	Mercury	0.21	ND	167	08/19/05	6274	H6274S	34	CV	HGCV1
7440-02-0	Nickel	12	31	100	08/19/05	6274	S6274A	36	P	PEICP1
7782-49-2	Selenium	4.5	4.8	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-22-4	Silver	6.2	ND	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-28-0	Thallium	3.0	ND	100	08/19/05	6274	S6274A	36	P	PEICP1
7440-66-6	Zinc	25	110	100	08/19/05	6274	S6274A	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:	AC19099-013	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 60 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	2.7	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-38-2	Arsenic	2.2	35	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-39-3	Barium	11	140	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-43-9	Cadmium	0.65	2.5	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-47-3	Chromium	5.4	24	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-50-8	Copper	5.4	85	100	08/19/05	6274	S6274A	39	P	PEICP1
7439-92-1	Lead	5.4	710	100	08/19/05	6274	S6274A	39	P	PEICP1
7439-97-6	Mercury	0.091	0.46	167	08/19/05	6274	H6274S	35	CV	HGCV1
7440-02-0	Nickel	5.4	21	100	08/19/05	6274	S6274A	39	P	PEICP1
7782-49-2	Selenium	2.0	2.8	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/19/05	6274	S6274A	39	P	PEICP1
7440-66-6	Zinc	11	3700	100	08/19/05	6274	S6274A	39	P	PEICP1

Comments: _____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC19099-014	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 260 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.0	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-38-2	Arsenic	2.2	32	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-39-3	Barium	11	130	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-43-9	Cadmium	0.65	2.2	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-47-3	Chromium	5.4	23	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-50-8	Copper	5.4	75	100	08/19/05	6274	S6274A	40	P	PEICP1
7439-92-1	Lead	5.4	600	100	08/19/05	6274	S6274A	40	P	PEICP1
7439-97-6	Mercury	0.091	0.52	167	08/19/05	6274	H6274S	36	CV	HGCV1
7440-02-0	Nickel	5.4	25	100	08/19/05	6274	S6274A	40	P	PEICP1
7782-49-2	Selenium	2.0	2.9	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-22-4	Silver	2.7	ND	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/19/05	6274	S6274A	40	P	PEICP1
7440-66-6	Zinc	11	2500	100	08/19/05	6274	S6274A	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:	AC19099-015	% Solid:	87	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 60 (4)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	08/19/05	6274	S6274A	13	P	PEICP1
7440-38-2	Arsenic	2.3	16	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-39-3	Barium	11	100	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-41-7	Beryllium	0.69	ND	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-43-9	Cadmium	0.69	ND	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-47-3	Chromium	5.7	21	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-50-8	Copper	5.7	58	100	08/19/05	6274	S6274A	13	P	PEICP1
7439-92-1	Lead	5.7	410	100	08/19/05	6274	S6274A	13	P	PEICP1
7439-97-6	Mercury	0.096	0.13	167	08/19/05	6274	H6274S	13	CV	HGCV1
7440-02-0	Nickel	5.7	22	100	08/19/05	6274	S6274A	13	P	PEICP1
7782-49-2	Selenium	2.1	2.2	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/19/05	6274	S6274A	13	P	PEICP1
7440-66-6	Zinc	11	610	100	08/19/05	6274	S6274A	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:	AC19099-016	% Solid:	85	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 60 (4)MS	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	47	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-38-2	Arsenic	2.4	72	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-39-3	Barium	12	190	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-41-7	Beryllium	0.71	55	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-43-9	Cadmium	0.71	56	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-47-3	Chromium	5.9	77	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-50-8	Copper	5.9	110	100	08/19/05	6274	S6274A	15	P	PEICP1
7439-92-1	Lead	5.9	530	100	08/19/05	6274	S6274A	15	P	PEICP1
7439-97-6	Mercury	0.098	1.9	167	08/19/05	6274	H6274S	15	CV	HGCV1
7440-02-0	Nickel	5.9	81	100	08/19/05	6274	S6274A	15	P	PEICP1
7782-49-2	Selenium	2.1	54	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-22-4	Silver	2.9	59	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-28-0	Thallium	1.4	55	100	08/19/05	6274	S6274A	15	P	PEICP1
7440-66-6	Zinc	12	690	100	08/19/05	6274	S6274A	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:	AC19099-017	% Solid:	87	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 60 (4)MSD	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	47	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-38-2	Arsenic	2.3	71	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-39-3	Barium	11	160	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-41-7	Beryllium	0.69	54	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-43-9	Cadmium	0.69	56	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-47-3	Chromium	5.7	75	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-50-8	Copper	5.7	110	100	08/19/05	6274	S6274A	16	P	PEICP1
7439-92-1	Lead	5.7	480	100	08/19/05	6274	S6274A	16	P	PEICP1
7439-97-6	Mercury	0.096	1.9	167	08/19/05	6274	H6274S	16	CV	HGCV1
7440-02-0	Nickel	5.7	75	100	08/19/05	6274	S6274A	16	P	PEICP1
7782-49-2	Selenium	2.1	53	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-22-4	Silver	2.9	58	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-28-0	Thallium	1.4	54	100	08/19/05	6274	S6274A	16	P	PEICP1
7440-66-6	Zinc	11	610	100	08/19/05	6274	S6274A	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:	AC19099-018	% Solid:	69	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB - 60 (11)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/16/2005	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	3.4	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-38-2	Arsenic	2.9	35	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-39-3	Barium	14	130	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-41-7	Beryllium	0.87	ND	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-43-9	Cadmium	0.87	ND	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-47-3	Chromium	7.2	96	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-50-8	Copper	7.2	200	100	08/19/05	6274	S6274A	20	P	PEICP1
7439-92-1	Lead	7.2	370	100	08/19/05	6274	S6274A	20	P	PEICP1
7439-97-6	Mercury	0.12	0.25	167	08/19/05	6274	H6274S	17	CV	HGCV1
7440-02-0	Nickel	7.2	23	100	08/19/05	6274	S6274A	20	P	PEICP1
7782-49-2	Selenium	2.6	4.4	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-22-4	Silver	3.6	ND	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/19/05	6274	S6274A	20	P	PEICP1
7440-66-6	Zinc	14	440	100	08/19/05	6274	S6274A	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:	AC19099-019	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB081505	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	8/16/2005	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	08/19/05	6274	S6274A	22	P	PEICP1
7440-38-2	Arsenic	20	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-39-3	Barium	100	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-41-7	Beryllium	6.0	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-43-9	Cadmium	6.0	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-47-3	Chromium	50	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-50-8	Copper	50	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7439-92-1	Lead	50	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7439-97-6	Mercury	0.50	ND	1	08/19/05	6274	H6274S	18	CV	HGCV1
7440-02-0	Nickel	50	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7782-49-2	Selenium	18	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-22-4	Silver	25	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-28-0	Thallium	12	ND	1	08/19/05	6274	S6274A	22	P	PEICP1
7440-66-6	Zinc	100	ND	1	08/19/05	6274	S6274A	22	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: 08/19/05
Data File: S6274A
Prep Batch: 6274
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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

Analyte	Spk Amt	ICV V-4848 (2)-6	Rec	CCV V-5161-18	Rec	CCV V-5161-28	Rec	CCV V-5161-37	Rec	CCV V-5161-45	Rec		Rec		Rec		Rec
Antimony	.5	0.99084	99	0.50665	101	0.51146	102	0.50915	102	0.51037	102						
Arsenic	.5	0.99196	99	0.51281	103	0.51386	103	0.51096	102	0.51591	103						
Barium	.5	0.98443	98	0.52311	105	0.52405	105	0.52186	104	0.52825	106						
Beryllium	.5	0.99638	100	0.51046	102	0.51013	102	0.51492	103	0.51395	103						
Cadmium	.5	0.99280	99	0.51845	104	0.51872	104	0.52374	105	0.52404	105						
Chromium	.5	0.99899	100	0.51242	102	0.51760	104	0.51392	103	0.51954	104						
Copper	.5	0.99122	99	0.51089	102	0.50863	102	0.50056	100	0.51054	102						
Lead	.5	0.99003	99	0.51968	104	0.52742	105	0.52197	104	0.52695	105						
Nickel	.5	0.98884	99	0.51800	104	0.52267	105	0.51855	104	0.52454	105						
Selenium	.5	1.00016	100	0.50435	101	0.50797	102	0.50957	102	0.50995	102						
Silver	.5	0.98812	99	0.48434	97	0.48336	97	0.48494	97	0.48610	97						
Thallium	.5	1.00243	100	0.52228	104	0.52584	105	0.52779	106	0.52592	105						
Zinc	.5	0.99948	100	0.52163	104	0.52532	105	0.53156	106	0.53594	107						

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: 08/19/05
Data File: H6274S
Prep Batch: 6274
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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-39	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	10	19.6853	98	10.2771	103	10.2551	103	10.2073	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 3
(ICB/CCB/MB Summary)

Date Analyzed: 08/19/05
Data File: S6274A
Prep Batch: 6274
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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

Analyte	ICB V-5651-7	CCB-19	CCB-29	CCB-38	CCB-46	MB 6274 (100)-10	MB FB (1)-41	
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: 08/19/05
Data File: H6274S
Prep Batch: 6274
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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

Analyte	ICB-9	CCB-21	CCB-33	CCB-40	MB 6274 (167)-10	MB FB-37		
Mercury	.5 U	.5 U	.5 U	.5 U	84 U	.5 U		

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

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 08/19/05
Data File: S6274A
Prep Batch: 6274
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: ppm
Project Number: 5081603

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

Analyte	Spk Amt	ICSA V-5158-8	Rec	ICSAB V-5159-9	Rec	ICSA V-5158-43	Rec	ICSAB V-5159-44	Rec	Rec	Rec	Rec	Rec
Aluminum	500	440.2173	88	440.75980	88	443.8901	89	440.74620	88				
Antimony	1	U		0.96720	97	U		0.96982	97				
Arsenic	1	U		0.99259	99	U		0.99759	100				
Barium	.5	U		0.46164	92	U		0.46681	93				
Beryllium	.5	U		0.49587	99	U		0.50131	100				
Cadmium	1	U		0.88575	89	U		0.89909	90				
Calcium	500	434.1271	87	433.05190	87	440.6925	88	440.38000	88				
Chromium	.5	U		0.45589	91	U		0.45722	91				
Copper	.5	U		0.51119	102	U		0.50750	102				
Iron	200	170.1637	85	169.46690	85	171.4844	86	172.19720	86				
Lead	1	U		0.89703	90	U		0.89931	90				
Magnesiu	500	454.1604	91	453.71560	91	457.7883	92	456.99920	91				
Nickel	1	U		0.88531	89	U		0.89042	89				
Selenium	1	U		0.93354	93	U		0.93618	94				
Silver	1	U		1.02107	102	U		1.03011	103				
Thallium	1	U		0.87585	88	U		0.87426	87				
Zinc	1	U		0.87668	88	U		0.89045	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: 08/19/05
Data File: S6274A
Prep Batch: 6274
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5081603
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-Tdp MS-Aq MS-soil	Spike Amts LCS Soil Aq	LCS Soil/Aqueous Rec Limits	Non Spike Conc AC19099-015-13		AC19099-016-15-1X	%REC OR Conc	AC19099-017-16-1X	%REC OR Conc	LCS 100-11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	LCSW-42-1X	%REC OR Conc
Antimony	.5000	0.500	75 - 125	0.02	U	0.3978922	80	0.4080434	82	0.5060977	.506	0.5048973	.505	0.5113526	102
Arsenic	.5000	0.500	75 - 125	0.13763109		0.6125257	95	0.6145087	95	0.5058174	.506	0.5104050	.51	0.5145395	103
Barium	.5000	0.500	75 - 125	0.90647468		1.6271270	144 a	1.4069982	100	0.5238786	.524	0.5266783	.527	0.5347214	107
Beryllium	.5000	0.500	75 - 125	0.006	U	0.4698954	94	0.4709802	94	0.5007354	.501	0.5035179	.504	0.5076296	102
Cadmium	.5000	0.500	75 - 125	0.006	U	0.4746416	95	0.4833231	97	0.5156379	.516	0.5189142	.519	0.5250500	105
Chromium	.5000	0.500	75 - 125	0.17938939		0.6541133	95	0.6560000	95	0.5234240	.523	0.5245024	.525	0.5292749	106
Copper	.5000	0.500	75 - 125	0.50843969		0.9398677	86	0.9499189	88	0.5119283	.512	0.5143118	.514	0.5168293	103
Lead	.5000	0.500	75 - 125	3.5648843		4.4661544	180 b	4.1666040	120	0.5170229	.517	0.5192763	.519	0.5274864	105
Nickel	.5000	0.500	75 - 125	0.1873653		0.6843941	99	0.6561472	94	0.5240020	.524	0.5250801	.525	0.5295222	106
Selenium	.5000	0.500	75 - 125	0.01890242		0.4615621	89	0.4650411	89	0.4993191	.499	0.4984695	.498	0.5017978	100
Silver	.5000	0.500	75 - 125	0.025	U	0.5046079	101	0.5047044	101	0.5351826	.535	0.5370952	.537	0.5966004	119
Thallium	.5000	0.500	75 - 125	0.012	U	0.4682827	94	0.4692449	94	0.5149812	.515	0.5181954	.518	0.5225898	105
Zinc	.5000	0.500	75 - 125	5.31049888		5.8521344	108	5.3068547	-.73 b	0.5332089	.533	0.5273582	.527	0.5632309	113

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: 08/19/05
Data File: H6274S
Prep Batch: 6274
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5081603
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 AC19099-015-13	AC19099-016-15-1X	%REC OR Conc	AC19099-017-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc	LCSW-38-1X	%REC OR Conc
Mercury	10	10	75 - 125	0.6804221	9.5780375	89	9.8377122	92	9.0541911	9.05	9.0848034	9.08	8.9157758	89

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: 08/19/05
Data File: S6274A
Prep Batch: 6274
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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	AC19099-015-13	AC19099-015-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC19099-018-20	AC19099-018-21	%Diff
Antimony	<=20	<=10	0.02 U	0.02000000	---				0.02343486	0.04729395	102 Sb
Arsenic	<=20	<=10	0.13763109	0.16752416	20				0.24312878	0.24567515	1
Barium	<=20	<=10	0.90647468	1.02818073	13				0.90557183	0.92448475	2.1
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00399193	0.0005646	86 Sb
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.00219772	0.00059 U	---
Chromium	<=20	<=10	0.17938939	0.16573728	7.9				0.66397347	0.6697041	0.86
Copper	<=20	<=10	0.50843969	0.54659804	7.2				1.34737832	1.3418488	0.41
Lead	<=20	<=10	3.56488430	4.09256755	14				2.54845094	2.6656206	4.6
Nickel	<=20	<=10	0.18736530	0.21446149	13				0.15886762	0.16514605	4
Selenium	<=20	<=10	0.01890242	0.01961369	3.7				0.03013775	0.0486035	61 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	---				0.00359851	0.0129 U	---
Zinc	<=20	<=10	5.31049888	5.31848633	0.15				3.00457860	3.126422	4.1

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: 08/19/05
Data File: H6274S
Prep Batch: 6274
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5081603

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	AC19099-015-13	AC19099-015-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	0.68042210	0.88204456	26 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-5869

Prepared By: Soules, John
Description: Hg intermediate standard
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-599
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-5870

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-599
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-5871

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-599
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-5872

Prepared By: Soules, John
Description: SnCl2
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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)			
1284	Stannous Chloride	13.2 g	grams grams	

Veritech Lot Number: V-5873

Prepared By: Soules, John
Description: Hg aqueous ICV 20ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5870	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-5874

Prepared By: Soules, John
Description: Hg aqueous CCV 10ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5870	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-5875

Prepared By: Soules, John
Description: Hg aqueous standard blk
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5876

Prepared By: Soules, John
Description: Hg aqueous standard .5ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.05 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5877

Prepared By: Soules, John
Description: Hg aqueous standard 1ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.1 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5878

Prepared By: Soules, John
Description: Hg aqueous standard 2 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.2 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
884	2118 Sulfuric Acid	5 ml		
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5879

Prepared By: Soules, John
Description: Hg aqueous standard 5ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	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-5880

Prepared By: Soules, John
Description: Hg aqueous standard 10 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	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-5881

Prepared By: Soules, John
Description: Hg aqueous standard 25 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	2.5 ml	10 ppm	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2628	5% Potassium Persulfate	8 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	
884	2118 Sulfuric Acid	5 ml		

Veritech Lot Number: V-5882

Prepared By: Soules, John
Description: Hg soil ICV 20ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5870	Hg intermediate control	2 ml	10 ppm	
V-5871	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-5883

Prepared By: Soules, John
Description: Hg soil CCV 10ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5870	Hg intermediate control	1 ml	10 ppm	
V-5871	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5884

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5885

Prepared By: Soules, John
Description: Hg soil standard blk
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5871	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5886

Prepared By: Soules, John
Description: Hg soil standard .5 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.05 ml	10 ppm	
V-5871	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-5887

Prepared By: Soules, John
Description: Hg soil standard 1 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.1 ml	10 ppm	
V-5871	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5888

Prepared By: Soules, John
Description: Hg soil standard 2 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	.2 ml	10 ppm	
V-5871	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5889

Prepared By: Soules, John
Description: Hg soil standard 5 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
Concentration: 5 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5871	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-5869	Hg intermediate standard	.5 ml	10 ppm	

Veritech Lot Number: V-5890

Prepared By: Soules, John
Description: Hg soil standard 10 ppb
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-600
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-5869	Hg intermediate standard	1 ml	10 ppm	
V-5871	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-5891

Prepared By:	Soules, John	Department:	Metals
Description:	Hg soil standard 25 ppb	BatchNumber:	B-600
Prep Date:	8/18/2005	Concentration:	25 ppb
Expiration Date:	8/18/2005	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-5869	Hg intermediate standard	2.5 ml	10 ppm	
V-5871	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: 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 Standard Receipt Log

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 Control/Receipt Number: 1284

Description
Stannous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142	04538C	08/17/05	08/16/06	Miller,Gael E.	1	100	grams	grams

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-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-4848

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-4852

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 7/14/2005
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-5158

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 7/27/2005
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)			
1142	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-5159

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 7/27/2005
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	
1142	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-5161

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 7/27/2005
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	
1142	Hydrochloric Acid	50 ml	neat neat	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-5651

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 8/10/2005
Expiration Date: 2/9/2006
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)			
1134	Nitric Acid	50 ml	NEAT neat	
1142	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-5870

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/18/2005
Expiration Date: 8/18/2005
Department: Metals
BatchNumber: B-599
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: 1134

Description
Nitric Acid

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

Veritech Control/Receipt Number: 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 Standard Receipt Log

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

Run Log

Data File: W:\METALS.FRM\ICPDATA\Pelcp1\S6274A.TXT **Instrument:** PEICP1

Analysis Date: 08/19/05

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	17:06	1						
Calib Std 1	1	CAL	17:09	2						
Calib Std 2	1	CAL	17:12	3						
Calib Std 3	1	CAL	17:16	4						
ICS V-4852	1	ICS	17:19	5						
ICV V-4848 (2)	1	ICV	17:23	6						
ICB V-5651	1	ICB	17:25	7						
ICSA V-5158	1	ICSA	17:29	8						
ICSAB V-5159	1	ICSAB	17:33	9						
MB 6274 (100)	1	MB	17:36	10		SOIL	SOIL	SW846	6274	
LCS 100	1	LCS	17:39	11		SOIL	SOIL	SW846	6274	
LCS 100 MR	1	LCS	17:43	12		SOIL	SOIL	SW846	6274	
AC19099-015	1	SMP	17:47	13	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-015	1	MR	17:50	14	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-016	1	MS	17:53	15	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-017	1	MS	17:58	16	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-015	1	PS	18:02	17	PPMETALS-S	SOIL	SOIL	SW846	6274	
CCV V-5161	1	CCV	18:06	18						
CCB	1	CCB	18:09	19						
AC19099-018	1	SMP	18:12	20	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-018	5	SD	18:15	21	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-019	1	SMP	18:18	22	PPMETALS-S	SOIL	AQUEO	SW846	6274	
AC19099-001	1	SMP	18:21	23	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-002	1	SMP	18:25	24	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-003	1	SMP	18:28	25	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-004	1	SMP	18:32	26	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-005	1	SMP	18:36	27	PPMETALS-S	SOIL	SOIL	SW846	6274	
CCV V-5161	1	CCV	18:39	28						
CCB	1	CCB	18:42	29						
AC19099-006	1	SMP	18:45	30	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-007	1	SMP	18:49	31	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-008	1	SMP	18:53	32	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-009	1	SMP	18:56	33	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-010	1	SMP	19:00	34	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-011	1	SMP	19:04	35	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-012	1	SMP	19:08	36	PPMETALS-S	SOIL	SOIL	SW846	6274	
CCV V-5161	1	CCV	19:11	37						
CCB	1	CCB	19:14	38						
AC19099-013	1	SMP	19:17	39	PPMETALS-S	SOIL	SOIL	SW846	6274	
AC19099-014	1	SMP	19:21	40	PPMETALS-S	SOIL	SOIL	SW846	6274	
MB FB (1)	1	MB	19:25	41		SOIL	AQUEO	SW846	6274	
LCSW	1	LCS	19:28	42		SOIL	AQUEO	SW846	6274	
ICSA V-5158	1	ICSA	19:33	43						
ICSAB V-5159	1	ICSAB	19:36	44						
CCV V-5161	1	CCV	19:39	45						
CCB	1	CCB	19:42	46						

Shiamak Bal 8/22/05

8/23/05

Shiamak Bal 8/22/05

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H6274S.TXT Instrument: HGCV1

Analysis Date: 08/19/05 Standard/Batch/SnCl2 Lot #: V-5895

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	16:13	1						
0.5 PPB	1	CAL	16:15	2						
1.0 PPB	1	CAL	16:17	3						
2.0 PPB	1	CAL	16:18	4						
5.0 PPB	1	CAL	16:20	5						
10.0 PPB	1	CAL	16:21	6						
25.0 PPB	1	CAL	16:23	7						
ICV 1183 (2)	1	ICV	16:25	8						
ICB	1	ICB	16:26	9						
MB 6274 (167)	1	MB	16:28	10		SOIL	SOIL	SW846	6274	
LCS	1	LCS	16:30	11		SOIL	SOIL	SW846	6274	
LCS MR	1	LCS	16:31	12		SOIL	SOIL	SW846	6274	
AC19099-015	1	SMP	16:33	13	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-015	1	MR	16:34	14	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-016	1	MS	16:36	15	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-017	1	MS	16:38	16	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-018	1	SMP	16:39	17	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-019	1	SMP	16:41	18	HG-SOIL	SOIL	AQUEO	SW846	6274	
AC19099-001	1	SMP	16:42	19	HG-SOIL	SOIL	SOIL	SW846	6274	
CCV	1	CCV	16:44	20						
CCB	1	CCB	16:46	21						
AC19099-002	1	SMP	16:47	22	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-003	1	SMP	16:49	23	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-004	1	SMP	16:50	24	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-005	1	SMP	16:52	25	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-006	1	SMP	16:54	26	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-007	1	SMP	16:55	27	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-008	1	SMP	16:57	28	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-009	1	SMP	16:59	29	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-010	1	SMP	17:00	30	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-011	1	SMP	17:02	31	HG-SOIL	SOIL	SOIL	SW846	6274	
CCV	1	CCV	17:03	32						
CCB	1	CCB	17:05	33						
AC19099-012	1	SMP	17:07	34	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-013	1	SMP	17:08	35	HG-SOIL	SOIL	SOIL	SW846	6274	
AC19099-014	1	SMP	17:10	36	HG-SOIL	SOIL	SOIL	SW846	6274	
MB FB	1	MB	17:12	37		SOIL	AQUEO	SW846	6274	
LCSW	1	LCS	17:13	38		SOIL	AQUEO	SW846	6274	
CCV	1	CCV	17:15	39						
CCB	1	CCB	17:16	40						

Shivanand Bute 8/20/05

8/19/05

Data file: S6274A. Batch 6274 (Soil)

Analyst Review: Shivani Date: 8/22/05

Method: PE1 Axial
Results: S6274A
Sample Info: s6274a
Method Description: 200.7/SW846

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

MSF:
Method Stored: Yes
Date: 8/19/05 5:04:54 PM

2nd Rev: AMM 8/25/05

Mean Data
ID: Calib Blank 1
Seq. No.: 1
Data: Original
A/S Pos: 1
Date: 8/19/05 5:06:18 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-276.5	6.90	2.49%	0	mg/L
Al 308.215	4220.7	96.83	2.29%	0	mg/L
Ba 233.527	-13.8	2.72	19.73%	0	mg/L
Ca 315.887	-345.1	187.07	54.21%	0	mg/L
Cd 226.502	-172.5	2.31	1.34%	0	mg/L
Co 228.616	-68.8	1.99	2.89%	0	mg/L
Cu 324.754	3142.2	18.44	0.59%	0	mg/L
Fe 273.955	167.7	7.00	4.17%	0	mg/L
Mg 279.079	523.7	21.63	4.13%	0	mg/L
Mn 257.610	260.4	7.90	3.03%	0	mg/L
Se 196.026	19.4	4.43	22.81%	0	mg/L
V 292.402	-69.9	33.12	47.41%	0	mg/L
Zn 206.200	130.2	8.15	6.26%	0	mg/L
Na 330.237	1318.8	16.86	1.28%	0	mg/L
Ti 334.941	62.2	10.48	16.85%	0	mg/L
Mo 202.030	-74.3	0.86	1.16%	0	mg/L
Sn 189.933	-30.3	3.23	10.66%	0	mg/L
Be 234.861	-345.0	3.22	0.93%	0	mg/L
As 188.979	-22.2	3.35	15.13%	0	mg/L
Sb 206.833	47.3	0.02	0.05%	0	mg/L
Cr 206.158	112.6	0.05	0.04%	0	mg/L
Pb 220.353	3.2	7.81	245.62%	0	mg/L
Ni 231.604	15.6	4.67	29.94%	0	mg/L
Tl 190.800	-50.1	2.22	4.43%	0	mg/L

Mean Data
ID: Calib Std 1
Seq. No.: 2
Data: Original
A/S Pos: 160
Date: 8/19/05 5:09:18 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1299.1	18.84	1.45%	0.010	mg/L
Al 308.215	6037.1	18.91	0.31%	0.10	mg/L
Ba 233.527	564.7	2.13	0.38%	0.010	mg/L
Ca 315.887	62153.8	35.89	0.06%	1.0	mg/L
Cd 226.502	879.4	1.12	0.13%	0.010	mg/L
Co 228.616	266.7	2.19	0.82%	0.010	mg/L
Cu 324.754	4765.7	48.57	1.02%	0.010	mg/L
Fe 273.955	1749.1	0.59	0.03%	0.10	mg/L
Mg 279.079	13149.8	38.68	0.29%	1.0	mg/L
Mn 257.610	6415.8	19.22	0.30%	0.010	mg/L
Se 196.026	60.4	5.66	9.38%	0.010	mg/L
V 292.402	1946.4	13.77	0.71%	0.010	mg/L
Zn 206.200	534.9	2.77	0.52%	0.010	mg/L
Na 330.237	2060.2	29.44	1.43%	1.0	mg/L
Ti 334.941	6539.0	11.14	0.17%	0.010	mg/L
Mo 202.030	133.8	3.31	2.47%	0.010	mg/L
Sn 189.933	68.5	2.73	3.98%	0.010	mg/L
Be 234.861	3369.9	14.07	0.42%	0.010	mg/L
As 188.979	-6.7	1.28	18.95%	0.010	mg/L
Sb 206.833	80.5	0.52	0.64%	0.010	mg/L
Cr 206.158	374.4	1.95	0.52%	0.010	mg/L
Pb 220.353	59.2	3.67	6.19%	0.010	mg/L
Ni 231.604	218.8	1.02	0.47%	0.010	mg/L
Tl 190.800	-31.3	0.28	0.91%	0.010	mg/L

6274

All elements were reported.

Mean Data
ID: Calib Std 2
Seq. No.: 3
Data: Original
A/S Pos: 3
Date: 8/19/05 5:12:25 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	75068.2	110.17	0.15%	0.50	mg/L
Al 308.215	94145.4	390.74	0.42%	5.0	mg/L
Ba 233.527	26297.7	26.33	0.10%	0.50	mg/L
Ca 315.887	2924450.1	1913.28	0.07%	50	mg/L
Cd 226.502	47973.4	119.00	0.25%	0.50	mg/L
Co 228.616	14811.2	81.19	0.55%	0.50	mg/L
Cu 324.754	74180.4	550.29	0.74%	0.50	mg/L
Fe 273.955	72241.6	232.84	0.32%	5.0	mg/L
Mg 279.079	586471.5	1305.22	0.22%	50	mg/L
Mn 257.610	278458.4	775.41	0.28%	0.50	mg/L
Se 196.026	1954.4	5.31	0.27%	0.50	mg/L
V 292.402	93169.1	114.28	0.12%	0.50	mg/L
Zn 206.200	15972.5	126.23	0.79%	0.50	mg/L
Na 330.237	46306.1	54.95	0.12%	50	mg/L
Ti 334.941	301912.2	915.75	0.30%	0.50	mg/L
Mo 202.030	9371.3	52.26	0.56%	0.50	mg/L
Sn 189.933	4332.0	35.95	0.83%	0.50	mg/L
Be 234.861	180062.0	291.38	0.16%	0.50	mg/L
As 188.979	813.5	2.97	0.37%	0.50	mg/L
Sb 206.833	1582.4	2.80	0.18%	0.50	mg/L
Cr 206.158	12029.9	75.45	0.63%	0.50	mg/L
Pb 220.353	2288.2	9.66	0.42%	0.50	mg/L
Ni 231.604	9277.9	59.23	0.64%	0.50	mg/L
Tl 190.800	915.8	2.36	0.26%	0.50	mg/L

Mean Data

ID: Calib Std 3 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 8/19/05 5:15:41 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	155539.1	420.90	0.27%	1.0	mg/L
Al 308.215	203136.4	375.62	0.18%	10	mg/L
Ba 233.527	53930.8	260.36	0.48%	1.0	mg/L
Ca 315.887	5937712.3	38888.02	0.65%	100	mg/L
Cd 226.502	95869.3	364.51	0.38%	1.0	mg/L
Co 228.616	30215.4	124.25	0.41%	1.0	mg/L
Cu 324.754	150842.7	204.87	0.14%	1.0	mg/L
Fe 273.955	145808.8	507.56	0.35%	10	mg/L
Mg 279.079	1209183.4	8075.62	0.67%	100	mg/L
Mn 257.610	568144.7	3945.84	0.69%	1.0	mg/L
Se 196.026	3998.0	0.65	0.02%	1.0	mg/L
V 292.402	188173.8	530.21	0.28%	1.0	mg/L
Zn 206.200	32356.4	174.22	0.54%	1.0	mg/L
Na 330.237	106784.6	146.80	0.14%	100	mg/L
Ti 334.941	621427.1	3997.47	0.64%	1.0	mg/L
Mo 202.030	19060.9	75.08	0.39%	1.0	mg/L
Sn 189.933	9025.0	19.81	0.22%	1.0	mg/L
Be 234.861	367433.5	770.04	0.21%	1.0	mg/L
As 188.979	1736.5	8.74	0.50%	1.0	mg/L
Sb 206.833	3228.6	11.63	0.36%	1.0	mg/L
Cr 206.158	24733.3	74.57	0.30%	1.0	mg/L
Pb 220.353	4606.8	12.58	0.27%	1.0	mg/L
Ni 231.604	18593.1	82.82	0.45%	1.0	mg/L
Tl 190.800	1886.9	5.94	0.31%	1.0	mg/L

Calibration Summary

Method: PE1 Axial Date: 8/19/05 5:16:25 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	154456.6	0.00000	0.999818
Al 308.215	3	Linear	2407.2	19729.2	0.00000	0.998764
Ba 233.527	3	Linear-thru-Zero	0.0	53663.9	0.00000	0.999909
Ca 315.887	3	Linear	-6979.9	59284.0	0.00000	0.999969
Cd 226.502	3	Linear-thru-Zero	0.0	95884.2	0.00000	0.999999
Co 228.616	3	Linear	-101.7	30219.3	0.00000	0.999957
Cu 324.754	3	Linear	2696.9	147114.9	0.00000	0.999799

Fe 273.955	3	Linear	88.5	14543.9	0.00000	0.999984
Mg 279.079	3	Linear-thru-Zero	0.0	12019.4	0.00000	0.999866
Mn 257.610	3	Linear-thru-Zero	0.0	565905.1	0.00000	0.999941
Se 196.026	3	Linear	10.1	3968.2	0.00000	0.999899
V 292.402	3	Linear	-169.8	188012.3	0.00000	0.999987
Zn 206.200	3	Linear	118.4	32132.9	0.00000	0.999953
Na 330.237	3	Linear	-233.1	1042.4	0.00000	0.997114
Ti 334.941	3	Linear-thru-Zero	0.0	617909.4	0.00000	0.999880
Mo 202.030	3	Linear	-88.9	19104.2	0.00000	0.999976
Sn 189.933	3	Linear	-56.6	9021.1	0.00000	0.999815
Be 234.861	3	Linear-thru-Zero	0.0	365969.3	0.00000	0.999941
As 188.979	3	Linear	-31.1	1752.0	0.00000	0.999675
Sb 206.833	3	Linear	37.8	3170.5	0.00000	0.999834
Cr 206.158	3	Linear-thru-Zero	0.0	24599.6	0.00000	0.999870
Pb 220.353	3	Linear	4.7	4595.2	0.00000	0.999989
Ni 231.604	3	Linear-thru-Zero	0.0	18585.9	0.00000	0.999997
Tl 190.800	3	Linear	-50.8	1936.9	0.00000	0.999999

Mean Data

ID: ICS V-4852 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: 8/19/05 5:19:02 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	156539.7	1.01854	0.010220	mg/L				1.00%
Al 308.215	204350.4	10.2358	0.12697	mg/L				1.24%
Ba 233.527	54138.9	1.00885	0.009744	mg/L				0.97%
Ca 315.887	5963769.2	100.714	0.3642	mg/L				0.36%
Cd 226.502	96478.3	1.00620	0.009870	mg/L				0.98%
Co 228.616	30396.4	1.00922	0.010904	mg/L				1.08%
Cu 324.754	151546.5	1.01179	0.013473	mg/L				1.33%
Fe 273.955	146596.4	10.0735	0.10142	mg/L				1.01%
Mg 279.079	1214038.1	101.006	0.4580	mg/L				0.45%
Mn 257.610	571341.0	1.00961	0.002792	mg/L				0.28%
Se 196.026	4007.0	1.01230	0.002281	mg/L				0.23%
V 292.402	189283.7	0.999556	0.0115123	mg/L				1.15%
Zn 206.200	32539.6	1.00897	0.008041	mg/L				0.80%
Na 330.237	107649.4	106.661	1.1727	mg/L				1.10%
*QC exceeds upper limit for Na 330.237		Recovery = 106.66%		Action = Continue				
Ti 334.941	623911.0	1.00971	0.001312	mg/L				0.13%
Mo 202.030	19090.3	1.00393	0.002296	mg/L				0.23%
Sn 189.933	9043.2	1.00874	0.005111	mg/L				0.51%
Be 234.861	369684.8	1.01015	0.009123	mg/L				0.90%
As 188.979	1737.5	1.00950	0.000536	mg/L				0.05%
Sb 206.833	3231.7	1.00713	0.005215	mg/L				0.52%
Cr 206.158	24792.0	1.01443	0.009616	mg/L				0.95%
Pb 220.353	4609.2	1.00203	0.000700	mg/L				-0.07%
Ni 231.604	18558.4	0.998520	0.0029484	mg/L				0.30%
Tl 190.800	1888.1	1.01214	0.009295	mg/L				0.92%

Mean Data

ID: ICV V-4848 (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: 8/19/05 5:22:24 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	152236.2	0.988130	0.0034094	mg/L				0.35%
Al 308.215	196480.1	9.83684	0.002224	mg/L				0.02%
Ba 233.527	52828.5	0.984433	0.0022676	mg/L				0.23%
Ca 315.887	5908640.2	99.7844	0.52948	mg/L				0.53%
Cd 226.502	95193.8	0.992800	0.0023183	mg/L				0.23%
Co 228.616	30028.6	0.997054	0.0009032	mg/L				0.09%
Cu 324.754	148521.1	0.991227	0.0011579	mg/L				0.12%
Fe 273.955	144222.2	9.91024	0.018839	mg/L				0.19%
Mg 279.079	1199713.2	99.8144	0.53581	mg/L				0.54%
Mn 257.610	564525.7	0.997562	0.0054554	mg/L				0.55%
Se 196.026	3978.9	1.00016	0.001929	mg/L				0.19%
V 292.402	185598.4	0.980058	0.0026740	mg/L				0.27%
Zn 206.200	32234.6	0.999484	0.0031039	mg/L				0.31%
Na 330.237	104256.2	103.374	0.1757	mg/L				0.17%

Ti 334.941	616716.8	0.998070	0.0054224	mg/L	0.54%
Mo 202.030	18888.7	0.993375	0.0046051	mg/L	0.46%
Sn 189.933	8930.9	0.996283	0.0036496	mg/L	0.37%
Be 234.861	364645.1	0.996382	0.0000498	mg/L	0.00%
As 188.979	1706.8	0.991962	0.0100520	mg/L	1.01%
Sb 206.833	3179.9	0.990847	0.0066852	mg/L	0.67%
Cr 206.158	24413.8	0.998997	0.0029897	mg/L	0.30%
Pb 220.353	4554.1	0.990036	0.0046401	mg/L	0.47%
Ni 231.604	18378.6	0.988846	0.0034622	mg/L	0.35%
Tl 190.800	1869.5	1.00244	0.001563	mg/L	0.16%

Mean Data

ID: ICB V-5651 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: 8/19/05 5:25:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-296.7	-0.0019210	0.00007397	mg/L				3.85%
Al 308.215	4237.6	0.0927732	0.00068285	mg/L				0.74%
Ba 233.527	-2.5	-0.0000464	0.00004368	mg/L				94.05%
Ca 315.887	-11.5	0.117543	0.0036717	mg/L				3.12%
Cd 226.502	-163.3	-0.0017028	0.00005239	mg/L				3.08%
Co 228.616	-51.3	0.0016650	0.00003941	mg/L				2.37%
Cu 324.754	3684.2	0.0067114	0.00092606	mg/L				13.80%
Fe 273.955	163.4	0.0051496	0.00031138	mg/L				6.05%
Mg 279.079	691.3	0.0575128	0.00444331	mg/L				7.73%
Mn 257.610	312.0	0.0005514	0.00002666	mg/L				4.84%
Se 196.026	27.9	0.0044917	0.00089041	mg/L				19.82%
V 292.402	-38.5	0.0006982	0.00002459	mg/L				3.52%
Zn 206.200	217.6	0.0030884	0.00040336	mg/L				13.06%
Na 330.237	1332.3	1.50177	0.056189	mg/L				3.74%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	124.5	0.0002015	0.00002062	mg/L				10.24%
Mo 202.030	-69.4	0.0010235	0.00008556	mg/L				8.36%
Sn 189.933	4.2	0.0067415	0.00097723	mg/L				14.50%
Be 234.861	-292.5	-0.0007994	0.00001194	mg/L				1.49%
As 188.979	-23.7	0.0042326	0.00260838	mg/L				61.63%
Sb 206.833	48.2	0.0032919	0.00002308	mg/L				0.70%
Cr 206.158	115.8	0.0047091	0.00010308	mg/L				2.19%
Pb 220.353	5.8	0.0002537	0.00001837	mg/L				7.24%
Ni 231.604	25.3	0.0013607	0.00028614	mg/L				21.03%
Tl 190.800	-46.3	0.0023316	0.00040559	mg/L				17.40%

Mean Data

ID: ICSA V-5158 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: 8/19/05 5:28:58 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	363.0	0.0023503	0.00005924	mg/L				2.52%
Al 308.215	8688671.2	440.217	4.3094	mg/L				0.98%
Ba 233.527	1.5	0.0000271	0.00000098	mg/L				3.62%
Ca 315.887	25729833.8	434.127	3.6151	mg/L				0.83%
Cd 226.502	1844.1	0.0004755	0.00002152	mg/L				4.53%
Co 228.616	173.7	0.0091123	0.00006079	mg/L				0.67%
Cu 324.754	2481.2	0.0053617	0.00003632	mg/L				0.68%
Fe 273.955	2474934.0	170.164	0.1770	mg/L				0.10%
Mg 279.079	5458755.9	454.160	2.9831	mg/L				0.66%
Mn 257.610	2417.9	0.0042726	0.00002260	mg/L				0.53%
Se 196.026	-287.2	0.0033379	0.00121399	mg/L				36.37%
V 292.402	4946.2	0.0014560	0.00091245	mg/L				62.67%
Zn 206.200	544.4	0.0132575	0.00006209	mg/L				0.47%
Na 330.237	1203.6	-4.38482	0.044284	mg/L				1.01%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-198.2	-0.0003207	0.00001268	mg/L				3.95%
Mo 202.030	-209.1	0.0005171	0.00032282	mg/L				62.43%
Sn 189.933	-41.7	0.0016535	0.00016492	mg/L				9.97%
Be 234.861	-10340.0	-0.0017950	0.00024896	mg/L				13.87%
As 188.979	-41.3	0.0044015	0.00113715	mg/L				25.84%
Sb 206.833	92.9	0.0045308	0.00120832	mg/L				26.67%

Cr 206.158	184.8	-0.0013083	0.00008196	mg/L		6.26%
Pb 220.353	-138.7	0.0087506	0.00005360	mg/L		0.61%
Ni 231.604	1025.7	0.0098892	0.00003414	mg/L		0.35%
Tl 190.800	-52.7	-0.0009820	0.00319605	mg/L		325.45%

Mean Data

ID: ICSAB V-5159 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: 8/19/05 5:32:32 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	157710.5	1.02107	0.004512	mg/L				0.44%
Al 308.215	8699370.0	440.760	3.3188	mg/L				0.75%
Ba 233.527	24773.4	0.461640	0.0007851	mg/L				0.17%
Ca 315.887	25666090.3	433.052	2.5441	mg/L				0.59%
Cd 226.502	86720.7	0.885751	0.0003778	mg/L				0.04%
Co 228.616	13572.2	0.452488	0.0002229	mg/L				0.05%
Cu 324.754	76900.4	0.511192	0.0018880	mg/L				0.37%
Fe 273.955	2464799.5	169.467	0.2774	mg/L				0.16%
Mg 279.079	5453409.0	453.716	2.8315	mg/L				0.62%
Mn 257.610	263452.5	0.465542	0.0016188	mg/L				0.35%
Se 196.026	3405.4	0.933541	0.0073982	mg/L				0.79%
V 292.402	89624.3	0.451756	0.0020083	mg/L				0.44%
Zn 206.200	28288.7	0.876684	0.0012660	mg/L				0.14%
Na 330.237	-660.0	-3.88619	0.038288	mg/L				0.99%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-86.9	-0.0001407	0.00003054	mg/L				21.72%
Mo 202.030	-193.6	0.0012999	0.00169143	mg/L				130.12%
Sn 189.933	-72.1	-0.0017121	0.00005369	mg/L				3.14%
Be 234.861	171827.9	0.495865	0.0009164	mg/L				0.18%
As 188.979	1690.1	0.992592	0.0043506	mg/L				0.44%
Sb 206.833	3145.1	0.967204	0.0013248	mg/L				0.14%
Cr 206.158	11290.6	0.455891	0.0013357	mg/L				0.29%
Pb 220.353	3943.1	0.897027	0.0031573	mg/L				0.35%
Ni 231.604	17293.9	0.885312	0.0012255	mg/L				0.14%
Tl 190.800	1645.2	0.875655	0.0034102	mg/L				0.39%

Mean Data

ID: MB 6274 (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: 8/19/05 5:35:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-318.3	-0.0020609	0.00013571	mg/L	-0.0020609	0.00013571	mg/L	6.59%
Al 308.215	6399.9	0.202374	0.0049585	mg/L	0.202374	0.0049585	mg/L	2.45%
Ba 233.527	20.5	0.0003812	0.00004702	mg/L	0.0003812	0.00004702	mg/L	12.34%
Ca 315.887	5429.7	0.209325	0.0053462	mg/L	0.209325	0.0053462	mg/L	2.55%
Cd 226.502	-182.4	-0.0019020	0.00006191	mg/L	-0.0019020	0.00006191	mg/L	3.25%
Co 228.616	-42.4	0.0019614	0.00023597	mg/L	0.0019614	0.00023597	mg/L	12.03%
Cu 324.754	3782.1	0.0073770	0.00103131	mg/L	0.0073770	0.00103131	mg/L	13.98%
Fe 273.955	1556.4	0.100929	0.0035650	mg/L	0.100929	0.0035650	mg/L	3.53%
Mg 279.079	2592.6	0.215704	0.0153601	mg/L	0.215704	0.0153601	mg/L	7.12%
Mn 257.610	4673.0	0.0082576	0.00003279	mg/L	0.0082576	0.00003279	mg/L	0.40%
Se 196.026	27.0	0.0042547	0.00015442	mg/L	0.0042547	0.00015442	mg/L	3.63%
V 292.402	-44.7	0.0006654	0.00003228	mg/L	0.0006654	0.00003228	mg/L	4.85%
Zn 206.200	390.3	0.0084633	0.00050509	mg/L	0.0084633	0.00050509	mg/L	5.97%
Na 330.237	1503.0	1.66547	0.026557	mg/L	1.66547	0.026557	mg/L	1.59%
Ti 334.941	225.4	0.0003647	0.00005706	mg/L	0.0003647	0.00005706	mg/L	15.64%
Mo 202.030	-76.8	0.0006327	0.00002994	mg/L	0.0006327	0.00002994	mg/L	4.73%
Sn 189.933	371.7	0.0474829	0.00017464	mg/L	0.0474829	0.00017464	mg/L	0.37%
Be 234.861	-369.9	-0.0010107	0.00000911	mg/L	-0.0010107	0.00000911	mg/L	0.90%
As 188.979	-24.7	0.0036530	0.00027868	mg/L	0.0036530	0.00027868	mg/L	7.63%
Sb 206.833	57.0	0.0060645	0.00062830	mg/L	0.0060645	0.00062830	mg/L	10.36%
Cr 206.158	207.3	0.0084251	0.00012363	mg/L	0.0084251	0.00012363	mg/L	1.47%
Pb 220.353	4.0	-0.0001489	0.00025950	mg/L	-0.0001489	0.00025950	mg/L	174.22%
Ni 231.604	119.8	0.0064443	0.00022074	mg/L	0.0064443	0.00022074	mg/L	3.43%
Tl 190.800	-50.1	0.0003803	0.00092809	mg/L	0.0003803	0.00092809	mg/L	244.06%

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: 8/19/05 5:38:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	82662.5	0.535183	0.0034327	mg/L	0.535183	0.0034327	mg/L	0.64%
Al 308.215	100154.1	4.95443	0.040492	mg/L	4.95443	0.040492	mg/L	0.82%
Ba 233.527	28113.4	0.523879	0.0051099	mg/L	0.523879	0.0051099	mg/L	0.98%
Ca 315.887	3060575.5	51.7434	0.68860	mg/L	51.7434	0.68860	mg/L	1.33%
Cd 226.502	49441.5	0.515638	0.0050088	mg/L	0.515638	0.0050088	mg/L	0.97%
Co 228.616	15372.4	0.512059	0.0037584	mg/L	0.512059	0.0037584	mg/L	0.73%
Cu 324.754	78009.2	0.511928	0.0045809	mg/L	0.511928	0.0045809	mg/L	0.89%
Fe 273.955	76769.0	5.27234	0.067113	mg/L	5.27234	0.067113	mg/L	1.27%
Mg 279.079	606493.2	50.4593	0.53395	mg/L	50.4593	0.53395	mg/L	1.06%
Mn 257.610	299772.4	0.529722	0.0061263	mg/L	0.529722	0.0061263	mg/L	1.16%
Se 196.026	1991.5	0.499319	0.0029567	mg/L	0.499319	0.0029567	mg/L	0.59%
V 292.402	98604.0	0.518522	0.0047335	mg/L	0.518522	0.0047335	mg/L	0.91%
Zn 206.200	17251.9	0.533209	0.0028436	mg/L	0.533209	0.0028436	mg/L	0.53%
Na 330.237	47785.0	47.4504	0.34009	mg/L	47.4504	0.34009	mg/L	0.72%
Ti 334.941	321584.3	0.520439	0.0048585	mg/L	0.520439	0.0048585	mg/L	0.93%
Mo 202.030	9944.3	0.525186	0.0041086	mg/L	0.525186	0.0041086	mg/L	0.78%
Sn 189.933	4844.5	0.543305	0.0045327	mg/L	0.543305	0.0045327	mg/L	0.83%
Be 234.861	183253.8	0.500735	0.0055331	mg/L	0.500735	0.0055331	mg/L	1.10%
As 188.979	855.1	0.505817	0.0054582	mg/L	0.505817	0.0054582	mg/L	1.08%
Sb 206.833	1642.4	0.506098	0.0023804	mg/L	0.506098	0.0023804	mg/L	0.47%
Cr 206.158	12876.0	0.523424	0.0039579	mg/L	0.523424	0.0039579	mg/L	0.76%
Pb 220.353	2380.5	0.517023	0.0047466	mg/L	0.517023	0.0047466	mg/L	0.92%
Ni 231.604	9739.0	0.524002	0.0043440	mg/L	0.524002	0.0043440	mg/L	0.83%
Tl 190.800	935.5	0.514981	0.0035964	mg/L	0.514981	0.0035964	mg/L	0.70%

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: 8/19/05 5:42:36 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	82957.9	0.537095	0.0066503	mg/L	0.537095	0.0066503	mg/L	1.24%
Al 308.215	100288.2	4.96122	0.086103	mg/L	4.96122	0.086103	mg/L	1.74%
Ba 233.527	28263.6	0.526678	0.0107274	mg/L	0.526678	0.0107274	mg/L	2.04%
Ca 315.887	3083508.0	52.1302	1.16679	mg/L	52.1302	1.16679	mg/L	2.24%
Cd 226.502	49755.7	0.518914	0.0082350	mg/L	0.518914	0.0082350	mg/L	1.59%
Co 228.616	15411.8	0.513363	0.0029210	mg/L	0.513363	0.0029210	mg/L	0.57%
Cu 324.754	78359.8	0.514312	0.0101258	mg/L	0.514312	0.0101258	mg/L	1.97%
Fe 273.955	76439.9	5.24971	0.103459	mg/L	5.24971	0.103459	mg/L	1.97%
Mg 279.079	608327.0	50.6119	0.80197	mg/L	50.6119	0.80197	mg/L	1.58%
Mn 257.610	300407.9	0.530845	0.0098146	mg/L	0.530845	0.0098146	mg/L	1.85%
Se 196.026	1988.1	0.498470	0.0018841	mg/L	0.498470	0.0018841	mg/L	0.38%
V 292.402	98923.1	0.520198	0.0087742	mg/L	0.520198	0.0087742	mg/L	1.69%
Zn 206.200	17063.9	0.527358	0.0018847	mg/L	0.527358	0.0018847	mg/L	0.36%
Na 330.237	48001.6	47.6430	0.56362	mg/L	47.6430	0.56362	mg/L	1.18%
Ti 334.941	320708.5	0.519022	0.0090328	mg/L	0.519022	0.0090328	mg/L	1.74%
Mo 202.030	9898.5	0.522785	0.0034857	mg/L	0.522785	0.0034857	mg/L	0.67%
Sn 189.933	4838.7	0.542657	0.0028796	mg/L	0.542657	0.0028796	mg/L	0.53%
Be 234.861	184272.1	0.503518	0.0087541	mg/L	0.503518	0.0087541	mg/L	1.74%
As 188.979	863.1	0.510405	0.0010400	mg/L	0.510405	0.0010400	mg/L	0.20%
Sb 206.833	1638.6	0.504897	0.0015573	mg/L	0.504897	0.0015573	mg/L	0.31%
Cr 206.158	12902.6	0.524502	0.0034593	mg/L	0.524502	0.0034593	mg/L	0.66%
Pb 220.353	2390.8	0.519276	0.0023275	mg/L	0.519276	0.0023275	mg/L	0.45%
Ni 231.604	9759.1	0.525080	0.0036263	mg/L	0.525080	0.0036263	mg/L	0.69%
Tl 190.800	941.8	0.518195	0.0050255	mg/L	0.518195	0.0050255	mg/L	0.97%

Mean Data

ID: 19099-015 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: 8/19/05 5:46:36 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2232.5	-0.0052758	0.00024705	mg/L	-0.0052758	0.00024705	mg/L	4.68%
Al 308.215	745068.4	37.6428	0.22544	mg/L	37.6428	0.22544	mg/L	0.60%
Ba 233.527	48645.0	0.906475	0.0043904	mg/L	0.906475	0.0043904	mg/L	0.48%

Ca 315.887	1664373.5	28.1923	0.26291	mg/L	28.1923	0.26291	mg/L 0.93%
Cd 226.502	1515.5	0.0038964	0.00002794	mg/L	0.0038964	0.00002794	mg/L 0.72%
Co 228.616	1631.2	0.0573414	0.00001506	mg/L	0.0573414	0.00001506	mg/L 0.03%
Cu 324.754	77495.9	0.508440	0.0012031	mg/L	0.508440	0.0012031	mg/L 0.24%
Fe 273.955	1571357.2	108.036	0.7460	mg/L	108.036	0.7460	mg/L 0.69%
Mg 279.079	215949.6	17.9667	0.03198	mg/L	17.9667	0.03198	mg/L 0.18%
Mn 257.610	749182.6	1.32387	0.008244	mg/L	1.32387	0.008244	mg/L 0.62%
Se 196.026	-129.3	0.0189024	0.00109885	mg/L	0.0189024	0.00109885	mg/L 5.81%
V 292.402	23655.5	0.149435	0.0002763	mg/L	0.149435	0.0002763	mg/L 0.18%
Zn 206.200	170759.9	5.31050	0.033181	mg/L	5.31050	0.033181	mg/L 0.62%
Na 330.237	-9943.7	4.65067	0.046249	mg/L	4.65067	0.046249	mg/L 0.99%
Ti 334.941	1133983.8	1.83519	0.006358	mg/L	1.83519	0.006358	mg/L 0.35%
Mo 202.030	18.2	0.0056048	0.00036015	mg/L	0.0056048	0.00036015	mg/L 6.43%
Sn 189.933	857.0	0.106521	0.0003435	mg/L	0.106521	0.0003435	mg/L 0.32%
Be 234.861	-5150.3	0.0027256	0.00035864	mg/L	0.0027256	0.00035864	mg/L 13.16%
As 188.979	198.7	0.137631	0.0014682	mg/L	0.137631	0.0014682	mg/L 1.07%
Sb 206.833	95.1	0.0180675	0.00003884	mg/L	0.0180675	0.00003884	mg/L 0.21%
Cr 206.158	3556.6	0.179389	0.0010790	mg/L	0.179389	0.0010790	mg/L 0.60%
Pb 220.353	16386.1	3.56488	0.005546	mg/L	3.56488	0.005546	mg/L 0.16%
Ni 231.604	3884.2	0.187365	0.0018161	mg/L	0.187365	0.0018161	mg/L 0.97%
Tl 190.800	-83.1	0.0035520	0.00002245	mg/L	0.0035520	0.00002245	mg/L 0.63%

Mean Data

ID: 19099-015 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: 8/19/05 5:49:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2092.8	-0.0042697	0.00004679	mg/L	-0.0042697	0.00004679	mg/L	1.10%
Al 308.215	710333.5	35.8822	0.04040	mg/L	35.8822	0.04040	mg/L	0.11%
Ba 233.527	55176.2	1.02818	0.003967	mg/L	1.02818	0.003967	mg/L	0.39%
Ca 315.887	1720073.7	29.1318	0.22327	mg/L	29.1318	0.22327	mg/L	0.77%
Cd 226.502	1459.9	0.0036341	0.00003858	mg/L	0.0036341	0.00003858	mg/L	1.06%
Co 228.616	1637.0	0.0575334	0.00032897	mg/L	0.0575334	0.00032897	mg/L	0.57%
Cu 324.754	83109.6	0.546598	0.0017059	mg/L	0.546598	0.0017059	mg/L	0.31%
Fe 273.955	1529502.3	105.158	0.6368	mg/L	105.158	0.6368	mg/L	0.61%
Mg 279.079	202946.7	16.8849	0.08508	mg/L	16.8849	0.08508	mg/L	0.50%
Mn 257.610	776905.3	1.37285	0.007378	mg/L	1.37285	0.007378	mg/L	0.54%
Se 196.026	-120.8	0.0196137	0.00202595	mg/L	0.0196137	0.00202595	mg/L	10.33%
V 292.402	23827.5	0.149745	0.0005264	mg/L	0.149745	0.0005264	mg/L	0.35%
Zn 206.200	171016.5	5.31849	0.063499	mg/L	5.31849	0.063499	mg/L	1.19%
Na 330.237	-9659.2	4.97722	0.133947	mg/L	4.97722	0.133947	mg/L	2.69%
Ti 334.941	1146535.7	1.85551	0.001285	mg/L	1.85551	0.001285	mg/L	0.07%
Mo 202.030	28.9	0.0061640	0.00002576	mg/L	0.0061640	0.00002576	mg/L	0.42%
Sn 189.933	1443.8	0.171625	0.0015482	mg/L	0.171625	0.0015482	mg/L	0.90%
Be 234.861	-5068.4	0.0025017	0.00011302	mg/L	0.0025017	0.00011302	mg/L	4.52%
As 188.979	251.3	0.167524	0.0015350	mg/L	0.167524	0.0015350	mg/L	0.92%
Sb 206.833	101.2	0.0200000	0.00085043	mg/L	0.0200000	0.00085043	mg/L	4.25%
Cr 206.158	3219.5	0.165737	0.0000839	mg/L	0.165737	0.0000839	mg/L	0.05%
Pb 220.353	18810.9	4.09257	0.019836	mg/L	4.09257	0.019836	mg/L	0.48%
Ni 231.604	4377.1	0.214461	0.0009042	mg/L	0.214461	0.0009042	mg/L	0.42%
Tl 190.800	-86.3	0.0020837	0.00076113	mg/L	0.0020837	0.00076113	mg/L	36.53%

Mean Data

ID: 19099-016 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: 8/19/05 5:53:11 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	75974.4	0.504608	0.0028707	mg/L	0.504608	0.0028707	mg/L	0.57%
Al 308.215	1093280.6	55.2924	0.36043	mg/L	55.2924	0.36043	mg/L	0.65%
Ba 233.527	87318.0	1.62713	0.010877	mg/L	1.62713	0.010877	mg/L	0.67%
Ca 315.887	7572549.3	127.851	1.3804	mg/L	127.851	1.3804	mg/L	1.08%
Cd 226.502	46798.6	0.474642	0.0032627	mg/L	0.474642	0.0032627	mg/L	0.69%
Co 228.616	15829.2	0.527173	0.0012309	mg/L	0.527173	0.0012309	mg/L	0.23%
Cu 324.754	140965.4	0.939868	0.0072445	mg/L	0.939868	0.0072445	mg/L	0.77%
Fe 273.955	1772311.2	121.853	1.0969	mg/L	121.853	1.0969	mg/L	0.90%
Mg 279.079	861564.6	71.6809	0.68448	mg/L	71.6809	0.68448	mg/L	0.95%
Mn 257.610	1438363.7	2.54170	0.022984	mg/L	2.54170	0.022984	mg/L	0.90%
Se 196.026	1599.8	0.461562	0.0001547	mg/L	0.461562	0.0001547	mg/L	0.03%

V 292.402	114044.8	0.623391	0.0043758	mg/L	0.623391	0.0043758	mg/L	0.70%
Zn 206.200	188164.2	5.85213	0.055621	mg/L	5.85213	0.055621	mg/L	0.95%
Na 330.237	35067.0	49.5155	0.24623	mg/L	49.5155	0.24623	mg/L	0.50%
Ti 334.941	1572307.0	2.54456	0.023754	mg/L	2.54456	0.023754	mg/L	0.93%
Mo 202.030	8897.2	0.470376	0.0016373	mg/L	0.470376	0.0016373	mg/L	0.35%
Sn 189.933	4894.9	0.556150	0.0016688	mg/L	0.556150	0.0016688	mg/L	0.30%
Be 234.861	165033.3	0.469895	0.0044384	mg/L	0.469895	0.0044384	mg/L	0.94%
As 188.979	1020.3	0.612526	0.0013977	mg/L	0.612526	0.0013977	mg/L	0.23%
Sb 206.833	1299.3	0.397892	0.0000021	mg/L	0.397892	0.0000021	mg/L	0.00%
Cr 206.158	15147.3	0.654113	0.0070423	mg/L	0.654113	0.0070423	mg/L	1.08%
Pb 220.353	20527.6	4.46615	0.007350	mg/L	4.46615	0.007350	mg/L	0.16%
Ni 231.604	13173.3	0.684394	0.0013708	mg/L	0.684394	0.0013708	mg/L	0.20%
Tl 190.800	802.0	0.468283	0.0018751	mg/L	0.468283	0.0018751	mg/L	0.40%

Mean Data

ID: 19099-017 MS 1 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: 8/19/05 5:57:24 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	76153.2	0.504704	0.0033226	mg/L	0.504704	0.0033226	mg/L	0.66%
Al 308.215	935758.3	47.3081	0.50107	mg/L	47.3081	0.50107	mg/L	1.06%
Ba 233.527	75505.1	1.40700	0.010178	mg/L	1.40700	0.010178	mg/L	0.72%
Ca 315.887	4527469.5	76.4868	0.75907	mg/L	76.4868	0.75907	mg/L	0.99%
Cd 226.502	47559.9	0.483323	0.0033140	mg/L	0.483323	0.0033140	mg/L	0.69%
Co 228.616	15727.5	0.523809	0.0014845	mg/L	0.523809	0.0014845	mg/L	0.28%
Cu 324.754	142444.1	0.949919	0.0070418	mg/L	0.949919	0.0070418	mg/L	0.74%
Fe 273.955	1674443.0	115.124	1.0904	mg/L	115.124	1.0904	mg/L	0.95%
Mg 279.079	764267.0	63.5859	0.55319	mg/L	63.5859	0.55319	mg/L	0.87%
Mn 257.610	1051700.0	1.85844	0.018047	mg/L	1.85844	0.018047	mg/L	0.97%
Se 196.026	1627.0	0.465041	0.0022706	mg/L	0.465041	0.0022706	mg/L	0.49%
V 292.402	114278.5	0.624316	0.0046332	mg/L	0.624316	0.0046332	mg/L	0.74%
Zn 206.200	170642.8	5.30685	0.044655	mg/L	5.30685	0.044655	mg/L	0.84%
Na 330.237	35545.9	48.4948	0.34751	mg/L	48.4948	0.34751	mg/L	0.72%
Ti 334.941	1441160.3	2.33232	0.022567	mg/L	2.33232	0.022567	mg/L	0.97%
Mo 202.030	8976.3	0.474513	0.0025565	mg/L	0.474513	0.0025565	mg/L	0.54%
Sn 189.933	4994.0	0.566530	0.0022145	mg/L	0.566530	0.0022145	mg/L	0.39%
Be 234.861	165813.2	0.470980	0.0043834	mg/L	0.470980	0.0043834	mg/L	0.93%
As 188.979	1033.4	0.614509	0.0028337	mg/L	0.614509	0.0028337	mg/L	0.46%
Sb 206.833	1331.5	0.408043	0.0010156	mg/L	0.408043	0.0010156	mg/L	0.25%
Cr 206.158	15281.7	0.656000	0.0067842	mg/L	0.656000	0.0067842	mg/L	1.03%
Pb 220.353	19151.1	4.16660	0.013126	mg/L	4.16660	0.013126	mg/L	0.32%
Ni 231.604	12623.3	0.656147	0.0028437	mg/L	0.656147	0.0028437	mg/L	0.43%
Tl 190.800	808.3	0.469245	0.0016494	mg/L	0.469245	0.0016494	mg/L	0.35%

Mean Data

ID: 19099-015 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: 8/19/05 6:01:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	72597.4	0.481164	0.0014716	mg/L	0.481164	0.0014716	mg/L	0.31%
Al 308.215	836794.1	42.2920	0.25415	mg/L	42.2920	0.25415	mg/L	0.60%
Ba 233.527	73758.5	1.37445	0.003776	mg/L	1.37445	0.003776	mg/L	0.27%
Ca 315.887	4631667.0	78.2444	0.56024	mg/L	78.2444	0.56024	mg/L	0.72%
Cd 226.502	51590.2	0.526303	0.0023402	mg/L	0.526303	0.0023402	mg/L	0.44%
Co 228.616	17107.6	0.569477	0.0010217	mg/L	0.569477	0.0010217	mg/L	0.18%
Cu 324.754	150059.4	1.00168	0.002297	mg/L	1.00168	0.002297	mg/L	0.23%
Fe 273.955	1549599.8	106.540	0.8806	mg/L	106.540	0.8806	mg/L	0.83%
Mg 279.079	815070.9	67.8127	0.52216	mg/L	67.8127	0.52216	mg/L	0.77%
Mn 257.610	989642.0	1.74878	0.013067	mg/L	1.74878	0.013067	mg/L	0.75%
Se 196.026	1900.2	0.529594	0.0030446	mg/L	0.529594	0.0030446	mg/L	0.57%
V 292.402	120234.5	0.653618	0.0016278	mg/L	0.653618	0.0016278	mg/L	0.25%
Zn 206.200	175487.0	5.45761	0.030750	mg/L	5.45761	0.030750	mg/L	0.56%
Na 330.237	40048.8	53.2156	0.07997	mg/L	53.2156	0.07997	mg/L	0.15%
Ti 334.941	1377106.0	2.22865	0.013427	mg/L	2.22865	0.013427	mg/L	0.60%
Mo 202.030	9942.2	0.525075	0.0004606	mg/L	0.525075	0.0004606	mg/L	0.09%
Sn 189.933	5522.5	0.624822	0.0001864	mg/L	0.624822	0.0001864	mg/L	0.03%
Be 234.861	181934.6	0.513697	0.0050416	mg/L	0.513697	0.0050416	mg/L	0.98%
As 188.979	1060.4	0.629391	0.0028319	mg/L	0.629391	0.0028319	mg/L	0.45%

Sb 206.833	1587.8	0.483824	0.0042797	mg/L	0.483824	0.0042797	mg/L	0.88%
Cr 206.158	16204.3	0.694496	0.0029424	mg/L	0.694496	0.0029424	mg/L	0.42%
Pb 220.353	17187.5	3.73930	0.002012	mg/L	3.73930	0.002012	mg/L	0.05%
Ni 231.604	13315.1	0.695091	0.0002566	mg/L	0.695091	0.0002566	mg/L	0.04%
Tl 190.800	923.6	0.527612	0.0032681	mg/L	0.527612	0.0032681	mg/L	0.62%

Mean Data

ID: CCV V-5161 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: 8/19/05 6:05:41 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	74809.9	0.484343	0.0006727	mg/L				0.14%
Al 308.215	103245.0	5.11110	0.008578	mg/L				0.17%
Ba 233.527	28072.3	0.523113	0.0019796	mg/L				0.38%
Ca 315.887	3054544.7	51.6416	0.21769	mg/L				0.42%
Cd 226.502	49712.0	0.518459	0.0022186	mg/L				0.43%
Co 228.616	15206.2	0.506559	0.0004992	mg/L				0.10%
Cu 324.754	77856.4	0.510890	0.0002597	mg/L				0.05%
Fe 273.955	75985.9	5.21850	0.011412	mg/L				0.22%
Mg 279.079	616967.4	51.3308	0.12569	mg/L				0.24%
Mn 257.610	293633.4	0.518874	0.0013936	mg/L				0.27%
Se 196.026	2011.4	0.504355	0.0002632	mg/L				0.05%
V 292.402	97865.2	0.514474	0.0007626	mg/L				0.15%
Zn 206.200	16880.1	0.521640	0.0003188	mg/L				0.06%
Na 330.237	49421.7	48.9905	0.10890	mg/L				0.22%
Ti 334.941	314000.1	0.508165	0.0003581	mg/L				0.07%
Mo 202.030	9582.1	0.506226	0.0013272	mg/L				0.26%
Sn 189.933	4544.5	0.510040	0.0010604	mg/L				0.21%
Be 234.861	186816.1	0.510469	0.0014412	mg/L				0.28%
As 188.979	867.3	0.512819	0.0041522	mg/L				0.81%
Sb 206.833	1644.2	0.506653	0.0031120	mg/L				0.61%
Cr 206.158	12605.4	0.512424	0.0006148	mg/L				0.12%
Pb 220.353	2392.7	0.519687	0.0018423	mg/L				0.35%
Ni 231.604	9627.6	0.518007	0.0010304	mg/L				0.20%
Tl 190.800	949.9	0.522280	0.0019248	mg/L				0.37%

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: 8/19/05 6:08:44 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-291.1	-0.0018845	0.00033022	mg/L				17.52%
Al 308.215	4244.2	0.0931092	0.00291965	mg/L				3.14%
Ba 233.527	-7.5	-0.0001396	0.00008957	mg/L				64.18%
Ca 315.887	-409.2	0.110835	0.0030314	mg/L				2.74%
Cd 226.502	-170.1	-0.0017735	0.00002439	mg/L				1.38%
Co 228.616	-61.3	0.0013343	0.00004991	mg/L				3.74%
Cu 324.754	3364.1	0.0045351	0.00036918	mg/L				8.14%
Fe 273.955	288.3	0.0137319	0.00045227	mg/L				3.29%
Mg 279.079	628.0	0.0522477	0.00112655	mg/L				2.16%
Mn 257.610	308.9	0.0005458	0.00001646	mg/L				3.02%
Se 196.026	16.3	0.0015719	0.00148624	mg/L				94.55%
V 292.402	-46.9	0.0006538	0.00010902	mg/L				16.68%
Zn 206.200	261.9	0.0044683	0.00026307	mg/L				5.89%
Na 330.237	1328.4	1.49802	0.017798	mg/L				1.19%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	139.5	0.0002258	0.00001107	mg/L				4.90%
Mo 202.030	-74.7	0.0007428	0.00016512	mg/L				22.23%
Sn 189.933	-19.2	0.0041459	0.00031123	mg/L				7.51%
Be 234.861	-337.4	-0.0009220	0.00000529	mg/L				0.57%
As 188.979	-24.0	0.0040654	0.00144512	mg/L				35.55%
Sb 206.833	47.7	0.0031051	0.00035810	mg/L				11.53%
Cr 206.158	112.2	0.0045616	0.00026138	mg/L				5.73%
Pb 220.353	6.6	0.0004259	0.00060382	mg/L				141.76%
Ni 231.604	15.0	0.0008052	0.00005895	mg/L				7.32%
Tl 190.800	-50.7	0.0000915	0.00062143	mg/L				679.40%

Mean Data

ID: 19099-018 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: 8/19/05 6:11:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-4237.5	-0.0147615	0.00070580	mg/L	-0.0147615	0.00070580	mg/L	4.78%
Al 308.215	1216072.6	61.5162	0.77956	mg/L	61.5162	0.77956	mg/L	1.27%
Ba 233.527	48596.5	0.905572	0.0104926	mg/L	0.905572	0.0104926	mg/L	1.16%
Ca 315.887	899156.6	15.2847	0.19595	mg/L	15.2847	0.19595	mg/L	1.28%
Cd 226.502	1653.4	0.0021977	0.00015587	mg/L	0.0021977	0.00015587	mg/L	7.09%
Co 228.616	2087.5	0.0724436	0.00065162	mg/L	0.0724436	0.00065162	mg/L	0.90%
Cu 324.754	200110.6	1.34738	0.017586	mg/L	1.34738	0.017586	mg/L	1.31%
Fe 273.955	1985178.2	136.489	1.6056	mg/L	136.489	1.6056	mg/L	1.18%
Mg 279.079	237760.9	19.7814	0.21879	mg/L	19.7814	0.21879	mg/L	1.11%
Mn 257.610	1629528.2	2.87951	0.034008	mg/L	2.87951	0.034008	mg/L	1.18%
Se 196.026	-141.2	0.0301378	0.00045828	mg/L	0.0301378	0.00045828	mg/L	1.52%
V 292.402	26641.7	0.171300	0.0020969	mg/L	0.171300	0.0020969	mg/L	1.22%
Zn 206.200	96664.1	3.00458	0.030993	mg/L	3.00458	0.030993	mg/L	1.03%
Na 330.237	-5115.4	3.45183	0.053416	mg/L	3.45183	0.053416	mg/L	1.55%
Ti 334.941	1565773.6	2.53399	0.034029	mg/L	2.53399	0.034029	mg/L	1.34%
Mo 202.030	-11.3	0.0095214	0.00028615	mg/L	0.0095214	0.00028615	mg/L	3.01%
Sn 189.933	1697.2	0.201651	0.0007485	mg/L	0.201651	0.0007485	mg/L	0.37%
Be 234.861	-6305.9	0.0039919	0.00016491	mg/L	0.0039919	0.00016491	mg/L	4.13%
As 188.979	371.6	0.243129	0.0017378	mg/L	0.243129	0.0017378	mg/L	0.71%
Sb 206.833	112.1	0.0234349	0.00209027	mg/L	0.0234349	0.00209027	mg/L	8.92%
Cr 206.158	15849.0	0.663973	0.0077063	mg/L	0.663973	0.0077063	mg/L	1.16%
Pb 220.353	11715.3	2.54845	0.006945	mg/L	2.54845	0.006945	mg/L	0.27%
Ni 231.604	3460.3	0.158868	0.0003871	mg/L	0.158868	0.0003871	mg/L	0.24%
Tl 190.800	-97.9	0.0035985	0.00299483	mg/L	0.0035985	0.00299483	mg/L	83.22%

Mean Data

ID: 19099-018 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: 8/19/05 6:15:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1156.3	-0.0074861	0.00018378	mg/L	-0.0074861	0.00018378	mg/L	2.45%
Al 308.215	241702.6	12.1290	0.12994	mg/L	12.1290	0.12994	mg/L	1.07%
Ba 233.527	9922.3	0.184897	0.0013812	mg/L	0.184897	0.0013812	mg/L	0.75%
Ca 315.887	181010.5	3.17101	0.023840	mg/L	3.17101	0.023840	mg/L	0.75%
Cd 226.502	196.1	-0.0011473	0.00001286	mg/L	-0.0011473	0.00001286	mg/L	1.12%
Co 228.616	370.0	0.0156084	0.00010831	mg/L	0.0156084	0.00010831	mg/L	0.69%
Cu 324.754	42178.1	0.268370	0.0029096	mg/L	0.268370	0.0029096	mg/L	1.08%
Fe 273.955	421369.2	28.9661	0.27019	mg/L	28.9661	0.27019	mg/L	0.93%
Mg 279.079	49944.5	4.15531	0.034118	mg/L	4.15531	0.034118	mg/L	0.82%
Mn 257.610	336619.1	0.594833	0.0049542	mg/L	0.594833	0.0049542	mg/L	0.83%
Se 196.026	-8.8	0.0097207	0.00205579	mg/L	0.0097207	0.00205579	mg/L	21.15%
V 292.402	5257.4	0.0349558	0.00024288	mg/L	0.0349558	0.00024288	mg/L	0.69%
Zn 206.200	20210.5	0.625284	0.0044928	mg/L	0.625284	0.0044928	mg/L	0.72%
Na 330.237	16.7	1.86426	0.047884	mg/L	1.86426	0.047884	mg/L	2.57%
Ti 334.941	318851.6	0.516017	0.0048906	mg/L	0.516017	0.0048906	mg/L	0.95%
Mo 202.030	-63.8	0.0013165	0.00009369	mg/L	0.0013165	0.00009369	mg/L	7.12%
Sn 189.933	339.1	0.0438656	0.00009738	mg/L	0.0438656	0.00009738	mg/L	0.22%
Be 234.861	-1607.0	0.0001129	0.00005468	mg/L	0.0001129	0.00005468	mg/L	48.42%
As 188.979	55.0	0.0491350	0.00020276	mg/L	0.0491350	0.00020276	mg/L	0.41%
Sb 206.833	67.8	0.0094588	0.00012799	mg/L	0.0094588	0.00012799	mg/L	1.35%
Cr 206.158	3294.9	0.133941	0.0020979	mg/L	0.133941	0.0020979	mg/L	1.57%
Pb 220.353	2454.5	0.533124	0.0033722	mg/L	0.533124	0.0033722	mg/L	0.63%
Ni 231.604	721.6	0.0330292	0.00033628	mg/L	0.0330292	0.00033628	mg/L	1.02%
Tl 190.800	-62.2	-0.0001938	0.00255303	mg/L	-0.0001938	0.00255303	mg/L	>999.9%

Mean Data

ID: 19099-019 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: 8/19/05 6:18:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-372.4	-0.0024113	0.00019241	mg/L	-0.0024113	0.00019241	mg/L	7.98%
Al 308.215	6002.4	0.182229	0.0017166	mg/L	0.182229	0.0017166	mg/L	0.94%

Ba 233.527	621.2	0.0115754	0.00006784	mg/L	0.0115754	0.00006784	mg/L	0.59%
Ca 315.887	98260.2	1.77519	0.023538	mg/L	1.77519	0.023538	mg/L	1.33%
Cd 226.502	-183.2	-0.0019108	0.00008918	mg/L	-0.0019108	0.00008918	mg/L	4.67%
Co 228.616	-61.4	0.0013338	0.00017400	mg/L	0.0013338	0.00017400	mg/L	13.05%
Cu 324.754	7110.5	0.0300012	0.00054990	mg/L	0.0300012	0.00054990	mg/L	1.83%
Fe 273.955	6107.2	0.413826	0.0039626	mg/L	0.413826	0.0039626	mg/L	0.96%
Mg 279.079	1549.1	0.128881	0.0002084	mg/L	0.128881	0.0002084	mg/L	0.16%
Mn 257.610	3537.3	0.0062507	0.00005809	mg/L	0.0062507	0.00005809	mg/L	0.93%
Se 196.026	27.2	0.0043030	0.00133508	mg/L	0.0043030	0.00133508	mg/L	31.03%
V 292.402	1.4	0.0009107	0.00009566	mg/L	0.0009107	0.00009566	mg/L	10.50%
Zn 206.200	430.7	0.0097196	0.00008039	mg/L	0.0097196	0.00008039	mg/L	0.83%
Na 330.237	4379.3	4.42481	0.043227	mg/L	4.42481	0.043227	mg/L	0.98%
Ti 334.941	2093.8	0.0033885	0.00004409	mg/L	0.0033885	0.00004409	mg/L	1.30%
Mo 202.030	-67.6	0.0011131	0.00010381	mg/L	0.0011131	0.00010381	mg/L	9.33%
Sn 189.933	-15.6	0.0045496	0.00020358	mg/L	0.0045496	0.00020358	mg/L	4.47%
Be 234.861	-390.3	-0.0010665	0.00000231	mg/L	-0.0010665	0.00000231	mg/L	0.22%
As 188.979	-25.2	0.0033430	0.00127322	mg/L	0.0033430	0.00127322	mg/L	38.09%
Sb 206.833	51.2	0.0042274	0.00133578	mg/L	0.0042274	0.00133578	mg/L	31.60%
Cr 206.158	502.9	0.0204436	0.00000631	mg/L	0.0204436	0.00000631	mg/L	0.03%
Pb 220.353	13.6	0.0019394	0.00052925	mg/L	0.0019394	0.00052925	mg/L	27.29%
Ni 231.604	336.9	0.0181285	0.00041522	mg/L	0.0181285	0.00041522	mg/L	2.29%
Tl 190.800	-55.2	-0.0022471	0.00223142	mg/L	-0.0022471	0.00223142	mg/L	99.30%

Mean Data

ID: 19099-001 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: 8/19/05 6:21:16 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1728.6	-0.0111917	0.00008306	mg/L	-0.0111917	0.00008306	mg/L	0.74%
Al 308.215	137858.3	6.86552	0.081114	mg/L	6.86552	0.081114	mg/L	1.18%
Ba 233.527	29890.7	0.556998	0.0051303	mg/L	0.556998	0.0051303	mg/L	0.92%
Ca 315.887	1261803.5	21.4018	0.24732	mg/L	21.4018	0.24732	mg/L	1.16%
Cd 226.502	2127.1	0.0067206	0.00002927	mg/L	0.0067206	0.00002927	mg/L	0.44%
Co 228.616	1206.3	0.0432834	0.00000290	mg/L	0.0432834	0.00000290	mg/L	0.01%
Cu 324.754	136991.9	0.918487	0.0108688	mg/L	0.918487	0.0108688	mg/L	1.18%
Fe 273.955	2040278.1	140.278	1.5980	mg/L	140.278	1.5980	mg/L	1.14%
Mg 279.079	71233.5	5.92652	0.048812	mg/L	5.92652	0.048812	mg/L	0.82%
Mn 257.610	833117.4	1.47219	0.016963	mg/L	1.47219	0.016963	mg/L	1.15%
Se 196.026	-128.3	0.0352861	0.00006526	mg/L	0.0352861	0.00006526	mg/L	0.18%
V 292.402	5886.3	0.0617023	0.00057132	mg/L	0.0617023	0.00057132	mg/L	0.93%
Zn 206.200	53986.0	1.67640	0.011606	mg/L	1.67640	0.011606	mg/L	0.69%
Na 330.237	-1697.8	1.88401	0.088833	mg/L	1.88401	0.088833	mg/L	4.72%
Ti 334.941	137730.7	0.222898	0.0031254	mg/L	0.222898	0.0031254	mg/L	1.40%
Mo 202.030	2023.5	0.116186	0.0001015	mg/L	0.116186	0.0001015	mg/L	0.09%
Sn 189.933	1702.8	0.195040	0.0000188	mg/L	0.195040	0.0000188	mg/L	0.01%
Be 234.861	-7008.6	0.0026608	0.00003945	mg/L	0.0026608	0.00003945	mg/L	1.48%
As 188.979	158.5	0.116617	0.0002064	mg/L	0.116617	0.0002064	mg/L	0.18%
Sb 206.833	137.3	0.0313864	0.00045325	mg/L	0.0313864	0.00045325	mg/L	1.44%
Cr 206.158	11797.6	0.490572	0.0061042	mg/L	0.490572	0.0061042	mg/L	1.24%
Pb 220.353	5521.5	1.20056	0.004087	mg/L	1.20056	0.004087	mg/L	0.34%
Ni 231.604	8587.6	0.433978	0.0012823	mg/L	0.433978	0.0012823	mg/L	0.30%
Tl 190.800	-52.8	-0.0010208	0.00141297	mg/L	-0.0010208	0.00141297	mg/L	138.42%

Mean Data

ID: 19099-002 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: 8/19/05 6:24:40 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3115.4	-0.0052951	0.00043521	mg/L	-0.0052951	0.00043521	mg/L	8.22%
Al 308.215	386857.6	19.4864	0.02331	mg/L	19.4864	0.02331	mg/L	0.12%
Ba 233.527	42285.6	0.787971	0.0072724	mg/L	0.787971	0.0072724	mg/L	0.92%
Ca 315.887	1781014.8	30.1598	0.16047	mg/L	30.1598	0.16047	mg/L	0.53%
Cd 226.502	2164.5	0.0089000	0.00007615	mg/L	0.0089000	0.00007615	mg/L	0.86%
Co 228.616	2037.1	0.0707744	0.00001811	mg/L	0.0707744	0.00001811	mg/L	0.03%
Cu 324.754	210308.7	1.41122	0.013402	mg/L	1.41122	0.013402	mg/L	0.95%
Fe 273.955	1804241.6	124.049	0.3768	mg/L	124.049	0.3768	mg/L	0.30%
Mg 279.079	63129.5	5.25228	0.053498	mg/L	5.25228	0.053498	mg/L	1.02%
Mn 257.610	1860908.7	3.28838	0.011795	mg/L	3.28838	0.011795	mg/L	0.36%

Se 196.026	-125.7	0.0278182	0.00067284	mg/L	0.0278182	0.00067284	mg/L	2.42%
V 292.402	34249.7	0.209150	0.0023239	mg/L	0.209150	0.0023239	mg/L	1.11%
Zn 206.200	124058.6	3.85712	0.040016	mg/L	3.85712	0.040016	mg/L	1.04%
Na 330.237	-6209.0	4.94990	0.499495	mg/L	4.94990	0.499495	mg/L	10.09%
Ti 334.941	1837846.3	2.97430	0.004621	mg/L	2.97430	0.004621	mg/L	0.16%
Mo 202.030	570.3	0.0345074	0.00017482	mg/L	0.0345074	0.00017482	mg/L	0.51%
Sn 189.933	937.4	0.118679	0.0002119	mg/L	0.118679	0.0002119	mg/L	0.18%
Be 234.861	-5698.7	0.0037168	0.00038510	mg/L	0.0037168	0.00038510	mg/L	10.36%
As 188.979	131.2	0.106033	0.0049049	mg/L	0.106033	0.0049049	mg/L	4.63%
Sb 206.833	154.3	0.0367310	0.00105214	mg/L	0.0367310	0.00105214	mg/L	2.86%
Cr 206.158	4591.2	0.211920	0.0019051	mg/L	0.211920	0.0019051	mg/L	0.90%
Pb 220.353	12790.5	2.78243	0.026598	mg/L	2.78243	0.026598	mg/L	0.96%
Ni 231.604	6713.0	0.336365	0.0015754	mg/L	0.336365	0.0015754	mg/L	0.47%
Tl 190.800	-103.6	0.0054961	0.00230202	mg/L	0.0054961	0.00230202	mg/L	41.88%

Mean Data

ID: 19099-003 Seq. No.: 25 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: 8/19/05 6:28:08 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-4731.0	-0.0131807	0.00018965	mg/L	-0.0131807	0.00018965	mg/L	1.44%
Al 308.215	1843267.1	93.3064	0.62090	mg/L	93.3064	0.62090	mg/L	0.67%
Ba 233.527	72400.8	1.34915	0.000228	mg/L	1.34915	0.000228	mg/L	0.02%
Ca 315.887	1594609.7	27.0155	0.20836	mg/L	27.0155	0.20836	mg/L	0.77%
Cd 226.502	4123.1	0.0232016	0.00002087	mg/L	0.0232016	0.00002087	mg/L	0.09%
Co 228.616	3690.1	0.125475	0.0000485	mg/L	0.125475	0.0000485	mg/L	0.04%
Cu 324.754	97518.9	0.651751	0.0038248	mg/L	0.651751	0.0038248	mg/L	0.59%
Fe 273.955	2612429.9	179.618	1.1148	mg/L	179.618	1.1148	mg/L	0.62%
Mg 279.079	368208.8	30.6344	0.07238	mg/L	30.6344	0.07238	mg/L	0.24%
Mn 257.610	2078568.5	3.67300	0.025018	mg/L	3.67300	0.025018	mg/L	0.68%
Se 196.026	-200.5	0.0367600	0.00002688	mg/L	0.0367600	0.00002688	mg/L	0.07%
V 292.402	39393.1	0.248189	0.0011748	mg/L	0.248189	0.0011748	mg/L	0.47%
Zn 206.200	145402.7	4.52136	0.012643	mg/L	4.52136	0.012643	mg/L	0.28%
Na 330.237	-8635.0	4.20354	0.044088	mg/L	4.20354	0.044088	mg/L	1.05%
Ti 334.941	2155892.9	3.48901	0.021823	mg/L	3.48901	0.021823	mg/L	0.63%
Mo 202.030	-43.7	0.0095519	0.00019092	mg/L	0.0095519	0.00019092	mg/L	2.00%
Sn 189.933	1142.4	0.142874	0.0002137	mg/L	0.142874	0.0002137	mg/L	0.15%
Be 234.861	-7378.6	0.0077668	0.00046659	mg/L	0.0077668	0.00046659	mg/L	6.01%
As 188.979	275.2	0.192598	0.0000595	mg/L	0.192598	0.0000595	mg/L	0.03%
Sb 206.833	98.3	0.0138807	0.00017119	mg/L	0.0138807	0.00017119	mg/L	1.23%
Cr 206.158	16705.0	0.708711	0.0050190	mg/L	0.708711	0.0050190	mg/L	0.71%
Pb 220.353	5213.4	1.14025	0.000741	mg/L	1.14025	0.000741	mg/L	0.07%
Ni 231.604	5697.0	0.270577	0.0002190	mg/L	0.270577	0.0002190	mg/L	0.08%
Tl 190.800	-114.5	0.0055449	0.00053180	mg/L	0.0055449	0.00053180	mg/L	9.59%

Mean Data

ID: 19099-004 Seq. No.: 26 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: 8/19/05 6:31:39 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1689.5	-0.0047777	0.00018467	mg/L	-0.0047777	0.00018467	mg/L	3.87%
Al 308.215	542730.1	27.3870	0.31365	mg/L	27.3870	0.31365	mg/L	1.15%
Ba 233.527	118911.1	2.21585	0.006931	mg/L	2.21585	0.006931	mg/L	0.31%
Ca 315.887	3015652.7	50.9856	0.52674	mg/L	50.9856	0.52674	mg/L	1.03%
Cd 226.502	4671.5	0.0150674	0.00039506	mg/L	0.0150674	0.00039506	mg/L	2.62%
Co 228.616	2474.1	0.0852355	0.00014341	mg/L	0.0852355	0.00014341	mg/L	0.17%
Cu 324.754	277070.9	1.87728	0.003025	mg/L	1.87728	0.003025	mg/L	0.16%
Fe 273.955	4440229.4	305.292	3.0793	mg/L	305.292	3.0793	mg/L	1.01%
Mg 279.079	208200.3	17.3220	0.05565	mg/L	17.3220	0.05565	mg/L	0.32%
Mn 257.610	1980406.0	3.49954	0.035503	mg/L	3.49954	0.035503	mg/L	1.01%
Se 196.026	-429.8	0.0418216	0.00121361	mg/L	0.0418216	0.00121361	mg/L	2.90%
V 292.402	13591.1	0.137374	0.0008374	mg/L	0.137374	0.0008374	mg/L	0.61%
Zn 206.200	272013.6	8.46159	0.072499	mg/L	8.46159	0.072499	mg/L	0.86%
Na 330.237	-15999.9	5.20279	0.125873	mg/L	5.20279	0.125873	mg/L	2.42%
Ti 334.941	761147.0	1.23181	0.016978	mg/L	1.23181	0.016978	mg/L	1.38%
Mo 202.030	197.8	0.0272208	0.00010316	mg/L	0.0272208	0.00010316	mg/L	0.38%
Sn 189.933	1396.7	0.161104	0.0000054	mg/L	0.161104	0.0000054	mg/L	0.00%
Be 234.861	-16223.6	0.0031391	0.00001507	mg/L	0.0031391	0.00001507	mg/L	0.48%

As 188.979	228.4	0.166415	0.0003187	mg/L	0.166415	0.0003187 mg/L	0.19%
Sb 206.833	150.1	0.0354211	0.00093351	mg/L	0.0354211	0.00093351 mg/L	2.64%
Cr 206.158	4907.1	0.254942	0.0027826	mg/L	0.254942	0.0027826 mg/L	1.09%
Pb 220.353	64873.6	14.1089	0.07049	mg/L	14.1089	0.07049 mg/L	0.50%
Ni 231.604	6472.1	0.287132	0.0005774	mg/L	0.287132	0.0005774 mg/L	0.20%
Tl 190.800	-82.4	0.0034020	0.00057998	mg/L	0.0034020	0.00057998 mg/L	17.05%

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

ID: 19099-005 Seq. No.: 27 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: 8/19/05 6:35:49 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2113.7	-0.0066259	0.00046792	mg/L	-0.0066259	0.00046792	mg/L	7.06%
Al 308.215	584615.7	29.5100	0.41425	mg/L	29.5100	0.41425	mg/L	1.40%
Ba 233.527	46186.4	0.860660	0.0058263	mg/L	0.860660	0.0058263	mg/L	0.68%
Ca 315.887	1108677.3	18.8188	0.19788	mg/L	18.8188	0.19788	mg/L	1.05%
Cd 226.502	2015.0	0.0014253	0.00011549	mg/L	0.0014253	0.00011549	mg/L	8.10%
Co 228.616	1140.6	0.0411076	0.00002864	mg/L	0.0411076	0.00002864	mg/L	0.07%
Cu 324.754	219057.4	1.47782	0.009346	mg/L	1.47782	0.009346	mg/L	0.63%
Fe 273.955	2584660.5	177.708	1.8496	mg/L	177.708	1.8496	mg/L	1.04%
Mg 279.079	78459.2	6.52769	0.031894	mg/L	6.52769	0.031894	mg/L	0.49%
Mn 257.610	744749.4	1.31603	0.014410	mg/L	1.31603	0.014410	mg/L	1.09%
Se 196.026	-213.6	0.0324972	0.00195425	mg/L	0.0324972	0.00195425	mg/L	6.01%
V 292.402	15604.3	0.121259	0.0008861	mg/L	0.121259	0.0008861	mg/L	0.73%
Zn 206.200	98724.7	3.06871	0.014465	mg/L	3.06871	0.014465	mg/L	0.47%
Na 330.237	-4253.0	3.52687	0.002566	mg/L	3.52687	0.002566	mg/L	0.07%
Ti 334.941	872099.6	1.41137	0.001979	mg/L	1.41137	0.001979	mg/L	0.14%
Mo 202.030	109.5	0.0174943	0.00019156	mg/L	0.0174943	0.00019156	mg/L	1.09%
Sn 189.933	2233.3	0.253840	0.0015150	mg/L	0.253840	0.0015150	mg/L	0.60%
Be 234.861	-9025.9	0.0029687	0.00035884	mg/L	0.0029687	0.00035884	mg/L	12.09%
As 188.979	115.2	0.0941706	0.00208552	mg/L	0.0941706	0.00208552	mg/L	2.21%
Sb 206.833	125.0	0.0274947	0.00079149	mg/L	0.0274947	0.00079149	mg/L	2.88%
Cr 206.158	6152.8	0.270234	0.0004720	mg/L	0.270234	0.0004720	mg/L	0.17%
Pb 220.353	12486.1	2.71618	0.008006	mg/L	2.71618	0.008006	mg/L	0.29%
Ni 231.604	3948.4	0.176877	0.0004474	mg/L	0.176877	0.0004474	mg/L	0.25%
Tl 190.800	-80.4	0.0002489	0.00145034	mg/L	0.0002489	0.00145034	mg/L	582.76%

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

ID: CCV V-5161 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: 8/19/05 6:39:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	74658.6	0.483363	0.0020527	mg/L				0.42%
Al 308.215	102923.6	5.09481	0.036883	mg/L				0.72%
Ba 233.527	28122.8	0.524054	0.0038780	mg/L				0.74%
Ca 315.887	3061072.1	51.7517	0.36134	mg/L				0.70%
Cd 226.502	49737.1	0.518721	0.0025883	mg/L				0.50%
Co 228.616	15348.2	0.511257	0.0014370	mg/L				0.28%
Cu 324.754	77524.2	0.508632	0.0041220	mg/L				0.81%
Fe 273.955	76643.3	5.26370	0.032081	mg/L				0.61%
Mg 279.079	615661.0	51.2221	0.31644	mg/L				0.62%
Mn 257.610	293777.3	0.519128	0.0032161	mg/L				0.62%
Se 196.026	2025.8	0.507979	0.0002080	mg/L				0.04%
V 292.402	97685.4	0.513532	0.0032200	mg/L				0.63%
Zn 206.200	16998.5	0.525323	0.0018853	mg/L				0.36%
Na 330.237	49216.3	48.8030	0.32949	mg/L				0.68%
Ti 334.941	313323.7	0.507071	0.0034477	mg/L				0.68%
Mo 202.030	9670.6	0.510857	0.0024794	mg/L				0.49%
Sn 189.933	4557.6	0.511496	0.0017100	mg/L				0.33%
Be 234.861	186694.4	0.510137	0.0030364	mg/L				0.60%
As 188.979	869.2	0.513862	0.0002169	mg/L				0.04%
Sb 206.833	1659.4	0.511464	0.0030222	mg/L				0.59%
Cr 206.158	12732.9	0.517604	0.0023724	mg/L				0.46%
Pb 220.353	2428.3	0.527427	0.0017636	mg/L				0.33%
Ni 231.604	9714.3	0.522673	0.0018761	mg/L				0.36%
Tl 190.800	956.9	0.525846	0.0015420	mg/L				0.29%

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

ID: CCB Seq. No.: 29 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/19/05 6:42:08 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-304.8	-0.0019733	0.00001975	mg/L				1.00%
Al 308.215	4239.5	0.0928735	0.00087057	mg/L				0.94%
Ba 233.527	-12.2	-0.0002271	0.00000281	mg/L				1.24%
Ca 315.887	-546.9	0.108512	0.0021817	mg/L				2.01%
Cd 226.502	-172.1	-0.0017946	0.00001627	mg/L				0.91%
Co 228.616	-65.9	0.0011835	0.00004897	mg/L				4.14%
Cu 324.754	3430.8	0.0049885	0.00066460	mg/L				13.32%
Fe 273.955	557.4	0.0322383	0.00078653	mg/L				2.44%
Mg 279.079	488.7	0.0406564	0.00044832	mg/L				1.10%
Mn 257.610	382.9	0.0006766	0.00001181	mg/L				1.74%
Se 196.026	20.5	0.0026352	0.00043865	mg/L				16.65%
V 292.402	-47.5	0.0006502	0.00009191	mg/L				14.14%
Zn 206.200	280.1	0.0050329	0.00055979	mg/L				11.12%
Na 330.237	1349.8	1.51851	0.026192	mg/L				1.72%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	151.9	0.0002459	0.00009678	mg/L				39.36%
Mo 202.030	-74.3	0.0007651	0.00017240	mg/L				22.53%
Sn 189.933	-23.9	0.0036311	0.00007019	mg/L				1.93%
Be 234.861	-344.7	-0.0009418	0.00000574	mg/L				0.61%
As 188.979	-27.1	0.0022595	0.00033747	mg/L				14.94%
Sb 206.833	51.9	0.0044386	0.00208005	mg/L				46.86%
Cr 206.158	112.0	0.0045535	0.00000628	mg/L				0.14%
Pb 220.353	11.0	0.0013694	0.00046434	mg/L				33.91%
Ni 231.604	12.7	0.0006857	0.00022845	mg/L				33.32%
Tl 190.800	-50.0	0.0004201	0.00052624	mg/L				125.26%

Mean Data

ID: 19099-006 Seq. No.: 30 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: 8/19/05 6:45:22 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-5495.4	-0.0180501	0.00014655	mg/L	-0.0180501	0.00014655	mg/L	0.81%
Al 308.215	1736335.7	87.8864	0.94229	mg/L	87.8864	0.94229	mg/L	1.07%
Ba 233.527	79913.5	1.48915	0.002479	mg/L	1.48915	0.002479	mg/L	0.17%
Ca 315.887	1399175.5	23.7190	0.24657	mg/L	23.7190	0.24657	mg/L	1.04%
Cd 226.502	2635.6	0.0083179	0.00022755	mg/L	0.0083179	0.00022755	mg/L	2.74%
Co 228.616	3221.1	0.109955	0.0004119	mg/L	0.109955	0.0004119	mg/L	0.37%
Cu 324.754	115962.1	0.776888	0.0025313	mg/L	0.776888	0.0025313	mg/L	0.33%
Fe 273.955	2529295.0	173.901	1.7249	mg/L	173.901	1.7249	mg/L	0.99%
Mg 279.079	352432.1	29.3218	0.04066	mg/L	29.3218	0.04066	mg/L	0.14%
Mn 257.610	2460667.1	4.34820	0.045046	mg/L	4.34820	0.045046	mg/L	1.04%
Se 196.026	-199.7	0.0340964	0.00319248	mg/L	0.0340964	0.00319248	mg/L	9.36%
V 292.402	37415.1	0.236467	0.0001485	mg/L	0.236467	0.0001485	mg/L	0.06%
Zn 206.200	133745.0	4.15857	0.011143	mg/L	4.15857	0.011143	mg/L	0.27%
Na 330.237	-7848.2	4.06775	0.002779	mg/L	4.06775	0.002779	mg/L	0.07%
Ti 334.941	2165717.2	3.50491	0.040749	mg/L	3.50491	0.040749	mg/L	1.16%
Mo 202.030	-55.9	0.0086844	0.00007613	mg/L	0.0086844	0.00007613	mg/L	0.88%
Sn 189.933	1638.2	0.197878	0.0003200	mg/L	0.197878	0.0003200	mg/L	0.16%
Be 234.861	-7571.3	0.0063514	0.00029737	mg/L	0.0063514	0.00029737	mg/L	4.68%
As 188.979	302.2	0.207662	0.0003221	mg/L	0.207662	0.0003221	mg/L	0.16%
Sb 206.833	113.4	0.0161694	0.00150916	mg/L	0.0161694	0.00150916	mg/L	9.33%
Cr 206.158	24651.6	1.02937	0.001244	mg/L	1.02937	0.001244	mg/L	0.12%
Pb 220.353	6134.3	1.34027	0.004068	mg/L	1.34027	0.004068	mg/L	0.30%
Ni 231.604	5139.6	0.241733	0.0011780	mg/L	0.241733	0.0011780	mg/L	0.49%
Tl 190.800	-113.6	0.0061639	0.00072651	mg/L	0.0061639	0.00072651	mg/L	11.79%

Mean Data

ID: 19099-007 Seq. No.: 31 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: 8/19/05 6:48:46 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2317.7	-0.0099306	0.00018966	mg/L	-0.0099306	0.00018966	mg/L	1.91%

Al 308.215	184308.7	9.21992	0.077445	mg/L	9.21992	0.077445	mg/L	0.84%
Ba 233.527	29772.0	0.554786	0.0050762	mg/L	0.554786	0.0050762	mg/L	0.91%
Ca 315.887	1034771.3	17.5722	0.14481	mg/L	17.5722	0.14481	mg/L	0.82%
Cd 226.502	4114.3	0.0021928	0.00025388	mg/L	0.0021928	0.00025388	mg/L	11.58%
Co 228.616	1232.8	0.0441586	0.00006932	mg/L	0.0441586	0.00006932	mg/L	0.16%
Cu 324.754	126284.6	0.854898	0.0043766	mg/L	0.854898	0.0043766	mg/L	0.51%
Fe 273.955	5372101.7	369.365	3.4903	mg/L	369.365	3.4903	mg/L	0.94%
Mg 279.079	57145.5	4.75442	0.035449	mg/L	4.75442	0.035449	mg/L	0.75%
Mn 257.610	1231765.5	2.17663	0.016402	mg/L	2.17663	0.016402	mg/L	0.75%
Se 196.026	-490.2	0.0586527	0.00218457	mg/L	0.0586527	0.00218457	mg/L	3.72%
V 292.402	28194.4	0.228517	0.0018969	mg/L	0.228517	0.0018969	mg/L	0.83%
Zn 206.200	15084.7	0.465763	0.0013927	mg/L	0.465763	0.0013927	mg/L	0.30%
Na 330.237	570.2	-0.280239	0.0178619	mg/L	-0.280239	0.0178619	mg/L	6.37%
Ti 334.941	627021.6	1.01475	0.005078	mg/L	1.01475	0.005078	mg/L	0.50%
Mo 202.030	469.6	0.0440144	0.00072880	mg/L	0.0440144	0.00072880	mg/L	1.66%
Sn 189.933	968.7	0.113662	0.0000533	mg/L	0.113662	0.0000533	mg/L	0.05%
Be 234.861	-20652.8	0.0009992	0.00101297	mg/L	0.0009992	0.00101297	mg/L	101.38%
As 188.979	374.7	0.253780	0.0018273	mg/L	0.253780	0.0018273	mg/L	0.72%
Sb 206.833	187.6	0.0472406	0.00258471	mg/L	0.0472406	0.00258471	mg/L	5.47%
Cr 206.158	11796.3	0.479533	0.0027256	mg/L	0.479533	0.0027256	mg/L	0.57%
Pb 220.353	7599.3	1.64328	0.009824	mg/L	1.64328	0.009824	mg/L	0.60%
Ni 231.604	7288.5	0.318237	0.0014674	mg/L	0.318237	0.0014674	mg/L	0.46%
Tl 190.800	-71.5	0.0079274	0.00158408	mg/L	0.0079274	0.00158408	mg/L	19.98%

Mean Data

ID: 19099-008 Seq. No.: 32 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: 8/19/05 6:52:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-1788.1	-0.0059486	0.00045774	mg/L	-0.0059486	0.00045774	mg/L	7.70%
Al 308.215	442226.8	22.2928	0.17161	mg/L	22.2928	0.17161	mg/L	0.77%
Ba 233.527	48913.1	0.911470	0.0053582	mg/L	0.911470	0.0053582	mg/L	0.59%
Ca 315.887	1511853.4	25.6196	0.28562	mg/L	25.6196	0.28562	mg/L	1.11%
Cd 226.502	1175.5	0.0001946	0.00015423	mg/L	0.0001946	0.00015423	mg/L	79.25%
Co 228.616	1275.6	0.0455744	0.00006317	mg/L	0.0455744	0.00006317	mg/L	0.14%
Cu 324.754	305329.8	2.05712	0.011329	mg/L	2.05712	0.011329	mg/L	0.55%
Fe 273.955	1591955.5	109.453	0.9929	mg/L	109.453	0.9929	mg/L	0.91%
Mg 279.079	66399.4	5.52433	0.023390	mg/L	5.52433	0.023390	mg/L	0.42%
Mn 257.610	2171314.2	3.83689	0.039619	mg/L	3.83689	0.039619	mg/L	1.03%
Se 196.026	-103.1	0.0262071	0.00223926	mg/L	0.0262071	0.00223926	mg/L	8.54%
V 292.402	15663.8	0.107226	0.0007152	mg/L	0.107226	0.0007152	mg/L	0.67%
Zn 206.200	23252.9	0.719967	0.0053163	mg/L	0.719967	0.0053163	mg/L	0.74%
Na 330.237	107.9	1.97261	0.100533	mg/L	1.97261	0.100533	mg/L	5.10%
Ti 334.941	695368.9	1.12536	0.000097	mg/L	1.12536	0.000097	mg/L	0.01%
Mo 202.030	244.7	0.0174641	0.00030116	mg/L	0.0174641	0.00030116	mg/L	1.72%
Sn 189.933	727.0	0.0868673	0.00011602	mg/L	0.0868673	0.00011602	mg/L	0.13%
Be 234.861	-5013.3	0.0033201	0.00015723	mg/L	0.0033201	0.00015723	mg/L	4.74%
As 188.979	224.7	0.152599	0.0022858	mg/L	0.152599	0.0022858	mg/L	1.50%
Sb 206.833	123.6	0.0270442	0.00108812	mg/L	0.0270442	0.00108812	mg/L	4.02%
Cr 206.158	5344.0	0.217241	0.0023891	mg/L	0.217241	0.0023891	mg/L	1.10%
Pb 220.353	5502.0	1.19632	0.001106	mg/L	1.19632	0.001106	mg/L	0.09%
Ni 231.604	4267.7	0.207719	0.0010739	mg/L	0.207719	0.0010739	mg/L	0.52%
Tl 190.800	-76.0	-0.0006300	0.00061630	mg/L	-0.0006300	0.00061630	mg/L	97.83%

Mean Data

ID: 19099-009 Seq. No.: 33 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: 8/19/05 6:56:18 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-5084.8	-0.0095037	0.00043366	mg/L	-0.0095037	0.00043366	mg/L	4.56%
Al 308.215	1765967.3	89.3884	0.31041	mg/L	89.3884	0.31041	mg/L	0.35%
Ba 233.527	53665.5	1.00003	0.007806	mg/L	1.00003	0.007806	mg/L	0.78%
Ca 315.887	976763.6	16.5937	0.16928	mg/L	16.5937	0.16928	mg/L	1.02%
Cd 226.502	1414.5	-0.0014156	0.00016504	mg/L	-0.0014156	0.00016504	mg/L	11.66%
Co 228.616	2335.1	0.0743781	0.00043896	mg/L	0.0743781	0.00043896	mg/L	0.59%
Cu 324.754	17291.3	0.105090	0.0000208	mg/L	0.105090	0.0000208	mg/L	0.02%
Fe 273.955	2133252.8	146.671	1.2030	mg/L	146.671	1.2030	mg/L	0.82%
Mg 279.079	362639.6	30.1711	0.15998	mg/L	30.1711	0.15998	mg/L	0.53%

Mn 257.610	1339054.9	2.36622	0.016448	mg/L	2.36622	0.016448	mg/L	0.70%
Se 196.026	-187.4	0.0235815	0.00050569	mg/L	0.0235815	0.00050569	mg/L	2.14%
V 292.402	43592.4	0.263598	0.0010752	mg/L	0.263598	0.0010752	mg/L	0.41%
Zn 206.200	17784.7	0.549792	0.0032389	mg/L	0.549792	0.0032389	mg/L	0.59%
Na 330.237	-1345.4	1.77172	0.011656	mg/L	1.77172	0.011656	mg/L	0.66%
Ti 334.941	2893179.4	4.68221	0.026602	mg/L	4.68221	0.026602	mg/L	0.57%
Mo 202.030	-86.1	0.0060139	0.00013735	mg/L	0.0060139	0.00013735	mg/L	2.28%
Sn 189.933	283.6	0.0510835	0.00089218	mg/L	0.0510835	0.00089218	mg/L	1.75%
Be 234.861	-6454.3	0.0051695	0.00007510	mg/L	0.0051695	0.00007510	mg/L	1.45%
As 188.979	-22.3	0.0231998	0.00108669	mg/L	0.0231998	0.00108669	mg/L	4.68%
Sb 206.833	68.2	0.0149412	0.00002205	mg/L	0.0149412	0.00002205	mg/L	0.15%
Cr 206.158	7214.4	0.293274	0.0020184	mg/L	0.293274	0.0020184	mg/L	0.69%
Pb 220.353	1115.8	0.248256	0.0017311	mg/L	0.248256	0.0017311	mg/L	0.70%
Ni 231.604	3928.2	0.182001	0.0006224	mg/L	0.182001	0.0006224	mg/L	0.34%
Tl 190.800	-131.5	0.0098881	0.00337863	mg/L	0.0098881	0.00337863	mg/L	34.17%

Mean Data

ID: 19099-010 Seq. No.: 34 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: 8/19/05 6:59:37 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2553.2	-0.0063924	0.00008848	mg/L	-0.0063924	0.00008848	mg/L	1.38%
Al 308.215	888334.2	44.9044	0.41724	mg/L	44.9044	0.41724	mg/L	0.93%
Ba 233.527	91107.8	1.69775	0.018580	mg/L	1.69775	0.018580	mg/L	1.09%
Ca 315.887	1780363.7	30.1488	0.40842	mg/L	30.1488	0.40842	mg/L	1.35%
Cd 226.502	2997.9	0.0135952	0.00017005	mg/L	0.0135952	0.00017005	mg/L	1.25%
Co 228.616	1933.1	0.0673340	0.00016965	mg/L	0.0673340	0.00016965	mg/L	0.25%
Cu 324.754	178754.9	1.20317	0.009692	mg/L	1.20317	0.009692	mg/L	0.81%
Fe 273.955	2331532.1	160.304	2.0073	mg/L	160.304	2.0073	mg/L	1.25%
Mg 279.079	225888.8	18.7936	0.23626	mg/L	18.7936	0.23626	mg/L	1.26%
Mn 257.610	1443643.2	2.55103	0.031353	mg/L	2.55103	0.031353	mg/L	1.23%
Se 196.026	-195.5	0.0283556	0.00280422	mg/L	0.0283556	0.00280422	mg/L	9.89%
V 292.402	28977.9	0.188732	0.0022543	mg/L	0.188732	0.0022543	mg/L	1.19%
Zn 206.200	378835.6	11.7860	0.18538	mg/L	11.7860	0.18538	mg/L	1.57%
Na 330.237	-22756.6	8.88974	0.193262	mg/L	8.88974	0.193262	mg/L	2.17%
Ti 334.941	1252564.3	2.02710	0.025326	mg/L	2.02710	0.025326	mg/L	1.25%
Mo 202.030	178.9	0.0204324	0.00019120	mg/L	0.0204324	0.00019120	mg/L	0.94%
Sn 189.933	1716.4	0.202337	0.0004970	mg/L	0.202337	0.0004970	mg/L	0.25%
Be 234.861	-7838.8	0.0035063	0.00034368	mg/L	0.0035063	0.00034368	mg/L	9.80%
As 188.979	569.4	0.352386	0.0001677	mg/L	0.352386	0.0001677	mg/L	0.05%
Sb 206.833	132.4	0.0298303	0.00069892	mg/L	0.0298303	0.00069892	mg/L	2.34%
Cr 206.158	5043.3	0.282271	0.0040552	mg/L	0.282271	0.0040552	mg/L	1.44%
Pb 220.353	40179.4	8.74274	0.109535	mg/L	8.74274	0.109535	mg/L	1.25%
Ni 231.604	5239.6	0.249835	0.0003907	mg/L	0.249835	0.0003907	mg/L	0.16%
Tl 190.800	-90.9	0.0016182	0.00052915	mg/L	0.0016182	0.00052915	mg/L	32.70%

Mean Data

ID: 19099-011 Seq. No.: 35 Sample No.: 22 A/S Pos: 30
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/19/05 7:03:35 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-2300.0	-0.0068578	0.00014429	mg/L	-0.0068578	0.00014429	mg/L	2.10%
Al 308.215	829510.0	41.9228	0.29280	mg/L	41.9228	0.29280	mg/L	0.70%
Ba 233.527	135150.3	2.51846	0.018956	mg/L	2.51846	0.018956	mg/L	0.75%
Ca 315.887	1662476.9	28.1603	0.27375	mg/L	28.1603	0.27375	mg/L	0.97%
Cd 226.502	3052.9	0.0143117	0.00021359	mg/L	0.0143117	0.00021359	mg/L	1.49%
Co 228.616	1721.1	0.0603187	0.00014411	mg/L	0.0603187	0.00014411	mg/L	0.24%
Cu 324.754	201075.8	1.35484	0.008262	mg/L	1.35484	0.008262	mg/L	0.61%
Fe 273.955	2312641.6	159.005	1.3481	mg/L	159.005	1.3481	mg/L	0.85%
Mg 279.079	194492.2	16.1815	0.11511	mg/L	16.1815	0.11511	mg/L	0.71%
Mn 257.610	1074580.6	1.89887	0.014710	mg/L	1.89887	0.014710	mg/L	0.77%
Se 196.026	-198.6	0.0269424	0.00317437	mg/L	0.0269424	0.00317437	mg/L	11.78%
V 292.402	23871.2	0.161297	0.0003918	mg/L	0.161297	0.0003918	mg/L	0.24%
Zn 206.200	733928.7	22.8368	0.23321	mg/L	22.8368	0.23321	mg/L	1.02%
Na 330.237	-45613.3	15.4580	0.36915	mg/L	15.4580	0.36915	mg/L	2.39%
Ti 334.941	992507.5	1.60623	0.012840	mg/L	1.60623	0.012840	mg/L	0.80%
Mo 202.030	276.6	0.0254956	0.00017279	mg/L	0.0254956	0.00017279	mg/L	0.68%
Sn 189.933	1753.3	0.206778	0.0002050	mg/L	0.206778	0.0002050	mg/L	0.10%

Be 234.861	-7897.6	0.0031435	0.00035788	mg/L	0.0031435	0.00035788	mg/L	11.38%
As 188.979	628.0	0.385730	0.0018611	mg/L	0.385730	0.0018611	mg/L	0.48%
Sb 206.833	137.9	0.0315600	0.00014528	mg/L	0.0315600	0.00014528	mg/L	0.46%
Cr 206.158	4211.3	0.320886	0.0035861	mg/L	0.320886	0.0035861	mg/L	1.12%
Pb 220.353	79884.0	17.3832	0.14034	mg/L	17.3832	0.14034	mg/L	0.81%
Ni 231.604	5250.7	0.250693	0.0000084	mg/L	0.250693	0.0000084	mg/L	0.00%
Tl 190.800	-85.0	0.0000222	0.00015321	mg/L	0.0000222	0.00015321	mg/L	690.38%

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

ID: 19099-012 Seq. No.: 36 Sample No.: 23 A/S Pos: 31
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/19/05 7:07:37 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2985.9	-0.0062747	0.00019870	mg/L	-0.0062747	0.00019870	mg/L	3.17%
Al 308.215	1061912.7	53.7024	0.78882	mg/L	53.7024	0.78882	mg/L	1.47%
Ba 233.527	37807.9	0.704531	0.0069795	mg/L	0.704531	0.0069795	mg/L	0.99%
Ca 315.887	1252520.3	21.2452	0.29856	mg/L	21.2452	0.29856	mg/L	1.41%
Cd 226.502	814.2	-0.0015158	0.00006723	mg/L	-0.0015158	0.00006723	mg/L	4.44%
Co 228.616	1160.0	0.0417496	0.00008487	mg/L	0.0417496	0.00008487	mg/L	0.20%
Cu 324.754	19672.0	0.115387	0.0003997	mg/L	0.115387	0.0003997	mg/L	0.35%
Fe 273.955	1320404.1	90.7814	1.22779	mg/L	90.7814	1.22779	mg/L	1.35%
Mg 279.079	214766.0	17.8682	0.06559	mg/L	17.8682	0.06559	mg/L	0.37%
Mn 257.610	1226161.6	2.16673	0.027535	mg/L	2.16673	0.027535	mg/L	1.27%
Se 196.026	-93.9	0.0191910	0.00161255	mg/L	0.0191910	0.00161255	mg/L	8.40%
V 292.402	24946.8	0.152676	0.0008634	mg/L	0.152676	0.0008634	mg/L	0.57%
Zn 206.200	14082.0	0.434560	0.0010462	mg/L	0.434560	0.0010462	mg/L	0.24%
Na 330.237	-169.7	1.90778	0.002278	mg/L	1.90778	0.002278	mg/L	0.12%
Ti 334.941	1613170.9	2.61069	0.041074	mg/L	2.61069	0.041074	mg/L	1.57%
Mo 202.030	-55.3	0.0017600	0.00007562	mg/L	0.0017600	0.00007562	mg/L	4.30%
Sn 189.933	333.0	0.0506437	0.00078737	mg/L	0.0506437	0.00078737	mg/L	1.55%
Be 234.861	-3957.2	0.0033026	0.00010733	mg/L	0.0033026	0.00010733	mg/L	3.25%
As 188.979	4.8	0.0311722	0.00121478	mg/L	0.0311722	0.00121478	mg/L	3.90%
Sb 206.833	65.1	0.0085939	0.00012638	mg/L	0.0085939	0.00012638	mg/L	1.47%
Cr 206.158	4343.7	0.176575	0.0008110	mg/L	0.176575	0.0008110	mg/L	0.46%
Pb 220.353	1244.1	0.269719	0.0013048	mg/L	0.269719	0.0013048	mg/L	0.48%
Ni 231.604	2676.8	0.125859	0.0001068	mg/L	0.125859	0.0001068	mg/L	0.08%
Tl 190.800	-105.4	0.0005563	0.00084219	mg/L	0.0005563	0.00084219	mg/L	151.39%

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

ID: CCV V-5161 Seq. No.: 37 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: 8/19/05 7:10:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	74903.1	0.484946	0.0006489	mg/L				0.13%
Al 308.215	102702.8	5.08361	0.010264	mg/L				0.20%
Ba 233.527	28005.4	0.521866	0.0009434	mg/L				0.18%
Ca 315.887	3073303.7	51.9581	0.15165	mg/L				0.29%
Cd 226.502	50218.6	0.523742	0.0005376	mg/L				0.10%
Co 228.616	15371.2	0.512019	0.0011261	mg/L				0.22%
Cu 324.754	76337.2	0.500563	0.0018356	mg/L				0.37%
Fe 273.955	76848.8	5.27783	0.013001	mg/L				0.25%
Mg 279.079	621052.1	51.6706	0.15668	mg/L				0.30%
Mn 257.610	296121.8	0.523271	0.0013967	mg/L				0.27%
Se 196.026	2032.1	0.509572	0.0047212	mg/L				0.93%
V 292.402	98255.7	0.516505	0.0017614	mg/L				0.34%
Zn 206.200	17199.0	0.531564	0.0013776	mg/L				0.26%
Na 330.237	49170.5	48.7753	0.06361	mg/L				0.13%
Ti 334.941	315264.6	0.510212	0.0019770	mg/L				0.39%
Mo 202.030	9642.3	0.509377	0.0008893	mg/L				0.17%
Sn 189.933	4546.5	0.510267	0.0000388	mg/L				0.01%
Be 234.861	188448.1	0.514929	0.0015396	mg/L				0.30%
As 188.979	864.1	0.510965	0.0038065	mg/L				0.74%
Sb 206.833	1652.1	0.509150	0.0035235	mg/L				0.69%
Cr 206.158	12642.4	0.513928	0.0003936	mg/L				0.08%
Pb 220.353	2403.2	0.521973	0.0008002	mg/L				0.15%
Ni 231.604	9637.9	0.518559	0.0000167	mg/L				0.00%
Tl 190.800	960.6	0.527795	0.0009149	mg/L				0.17%

Mean Data

ID: CCB | Seq. No.: 38 | 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: 8/19/05 7:13:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-299.1	-0.0019367	0.00001639	mg/L				0.85%
Al 308.215	4206.2	0.0911812	0.00057692	mg/L				0.63%
Ba 233.527	-8.7	-0.0001624	0.00004757	mg/L				29.29%
Ca 315.887	-475.1	0.109723	0.0030982	mg/L				2.82%
Cd 226.502	-173.6	-0.0018105	0.00002724	mg/L				1.50%
Co 228.616	-66.6	0.0011612	0.00017998	mg/L				15.50%
Cu 324.754	3428.3	0.0049715	0.00018657	mg/L				3.75%
Fe 273.955	549.2	0.0316746	0.00057842	mg/L				1.83%
Mg 279.079	486.6	0.0404834	0.00119133	mg/L				2.94%
Mn 257.610	396.9	0.0007014	0.00002566	mg/L				3.66%
Se 196.026	18.2	0.0020492	0.00135773	mg/L				66.26%
V 292.402	-51.1	0.0006314	0.00005711	mg/L				9.04%
Zn 206.200	389.0	0.0084241	0.00049843	mg/L				5.92%
Na 330.237	1271.6	1.44355	0.044538	mg/L				3.09%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	192.6	0.0003118	0.00003492	mg/L				11.20%
Mo 202.030	-73.4	0.0008130	0.00025531	mg/L				31.41%
Sn 189.933	-25.0	0.0035062	0.00028818	mg/L				8.22%
Be 234.861	-341.1	-0.0009322	0.00002633	mg/L				2.82%
As 188.979	-23.5	0.0043226	0.00047829	mg/L				11.06%
Sb 206.833	50.7	0.0040502	0.00022843	mg/L				5.64%
Cr 206.158	104.3	0.0042402	0.00014926	mg/L				3.52%
Pb 220.353	6.2	0.0003292	0.00010046	mg/L				30.52%
Ni 231.604	5.2	0.0002807	0.00000434	mg/L				1.54%
Tl 190.800	-51.4	-0.0002723	0.00094329	mg/L				346.47%

Mean Data

ID: 19099-013 | Seq. No.: 39 | Sample No.: 24 | A/S Pos: 32
Sample Qty: 1.0000 mL | Prep. Vol.: 1.0 mL | Dilution: 1.0: 1.0
Data: Original | Date: 8/19/05 7:17:12 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2169.5	-0.0036728	0.00058833	mg/L	-0.0036728	0.00058833	mg/L	16.02%
Al 308.215	944770.7	47.7013	0.22872	mg/L	47.7013	0.22872	mg/L	0.48%
Ba 233.527	70454.1	1.31288	0.004532	mg/L	1.31288	0.004532	mg/L	0.35%
Ca 315.887	4955273.7	83.7030	0.60793	mg/L	83.7030	0.60793	mg/L	0.73%
Cd 226.502	3731.5	0.0228515	0.00014369	mg/L	0.0228515	0.00014369	mg/L	0.63%
Co 228.616	1740.3	0.0609527	0.00023021	mg/L	0.0609527	0.00023021	mg/L	0.38%
Cu 324.754	116616.5	0.780206	0.0037507	mg/L	0.780206	0.0037507	mg/L	0.48%
Fe 273.955	2119688.9	145.738	0.9072	mg/L	145.738	0.9072	mg/L	0.62%
Mg 279.079	307481.8	25.5820	0.06607	mg/L	25.5820	0.06607	mg/L	0.26%
Mn 257.610	1474647.9	2.60582	0.014125	mg/L	2.60582	0.014125	mg/L	0.54%
Se 196.026	-176.7	0.0258243	0.00119990	mg/L	0.0258243	0.00119990	mg/L	4.65%
V 292.402	29843.6	0.190274	0.0006404	mg/L	0.190274	0.0006404	mg/L	0.34%
Zn 206.200	1101344.2	34.2710	0.27495	mg/L	34.2710	0.27495	mg/L	0.80%
Na 330.237	-71983.7	20.2222	0.63913	mg/L	20.2222	0.63913	mg/L	3.16%
Ti 334.941	1281652.5	2.07418	0.010052	mg/L	2.07418	0.010052	mg/L	0.48%
Mo 202.030	80.4	0.0146927	0.00057806	mg/L	0.0146927	0.00057806	mg/L	3.93%
Sn 189.933	1179.4	0.152158	0.0007824	mg/L	0.152158	0.0007824	mg/L	0.51%
Be 234.861	-7007.6	0.0035127	0.00033825	mg/L	0.0035127	0.00033825	mg/L	9.63%
As 188.979	510.1	0.317628	0.0010889	mg/L	0.317628	0.0010889	mg/L	0.34%
Sb 206.833	117.4	0.0250867	0.00188940	mg/L	0.0250867	0.00188940	mg/L	7.53%
Cr 206.158	-5.7	0.224410	0.0006720	mg/L	0.224410	0.0006720	mg/L	0.30%
Pb 220.353	30225.6	6.57662	0.007221	mg/L	6.57662	0.007221	mg/L	0.11%
Ni 231.604	4124.7	0.192765	0.0001603	mg/L	0.192765	0.0001603	mg/L	0.08%
Tl 190.800	-88.3	0.0034714	0.00034411	mg/L	0.0034714	0.00034411	mg/L	9.91%

Mean Data

ID: 19099-014 | Seq. No.: 40 | Sample No.: 25 | A/S Pos: 33
Sample Qty: 1.0000 mL | Prep. Vol.: 1.0 mL | Dilution: 1.0: 1.0
Data: Original | Date: 8/19/05 7:21:19 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD

Ag 328.068	-2267.9	-0.0051355	0.00006662	mg/L	-0.0051355	0.00006662	mg/L	1.30%
Al 308.215	797214.6	40.2859	0.34722	mg/L	40.2859	0.34722	mg/L	0.86%
Ba 233.527	61936.9	1.15416	0.007856	mg/L	1.15416	0.007856	mg/L	0.68%
Ca 315.887	2967519.1	50.1737	0.28014	mg/L	50.1737	0.28014	mg/L	0.56%
Cd 226.502	3570.7	0.0198889	0.00012989	mg/L	0.0198889	0.00012989	mg/L	0.65%
Co 228.616	1662.0	0.0583621	0.00063602	mg/L	0.0583621	0.00063602	mg/L	1.09%
Cu 324.754	103113.3	0.688887	0.0048822	mg/L	0.688887	0.0048822	mg/L	0.71%
Fe 273.955	2289340.1	157.403	0.9545	mg/L	157.403	0.9545	mg/L	0.61%
Mg 279.079	219406.9	18.2543	0.16253	mg/L	18.2543	0.16253	mg/L	0.89%
Mn 257.610	1006782.1	1.77907	0.012935	mg/L	1.77907	0.012935	mg/L	0.73%
Se 196.026	-197.1	0.0265163	0.00204749	mg/L	0.0265163	0.00204749	mg/L	7.72%
V 292.402	26127.5	0.172961	0.0013286	mg/L	0.172961	0.0013286	mg/L	0.77%
Zn 206.200	725525.3	22.5752	0.13043	mg/L	22.5752	0.13043	mg/L	0.58%
Na 330.237	-45787.9	14.7865	0.00416	mg/L	14.7865	0.00416	mg/L	0.03%
Ti 334.941	1179624.6	1.90906	0.013751	mg/L	1.90906	0.013751	mg/L	0.72%
Mo 202.030	98.2	0.0160945	0.00011522	mg/L	0.0160945	0.00011522	mg/L	0.72%
Sn 189.933	1170.7	0.147571	0.0005692	mg/L	0.147571	0.0005692	mg/L	0.39%
Be 234.861	-7940.5	0.0027772	0.00006845	mg/L	0.0027772	0.00006845	mg/L	2.46%
As 188.979	471.4	0.296256	0.0001116	mg/L	0.296256	0.0001116	mg/L	0.04%
Sb 206.833	124.3	0.0272718	0.00079820	mg/L	0.0272718	0.00079820	mg/L	2.93%
Cr 206.158	1517.9	0.209682	0.0008187	mg/L	0.209682	0.0008187	mg/L	0.39%
Pb 220.353	25341.1	5.51366	0.018241	mg/L	5.51366	0.018241	mg/L	0.33%
Ni 231.604	4813.0	0.227459	0.0021663	mg/L	0.227459	0.0021663	mg/L	0.95%
Tl 190.800	-96.3	-0.0024658	0.00086007	mg/L	-0.0024658	0.00086007	mg/L	34.88%

Mean Data

ID: MB FB (1) Seq. No.: 41 Sample No.: 26 A/S Pos: 34
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/19/05 7:25:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-376.6	-0.0024385	0.00022187	mg/L	-0.0024385	0.00022187	mg/L	9.10%
Al 308.215	8018.7	0.284426	0.0027588	mg/L	0.284426	0.0027588	mg/L	0.97%
Ba 233.527	12.1	0.0002255	0.00003656	mg/L	0.0002255	0.00003656	mg/L	16.21%
Ca 315.887	4964.3	0.201475	0.0002353	mg/L	0.201475	0.0002353	mg/L	0.12%
Cd 226.502	-191.6	-0.0019979	0.00003291	mg/L	-0.0019979	0.00003291	mg/L	1.65%
Co 228.616	-64.0	0.0012471	0.00006604	mg/L	0.0012471	0.00006604	mg/L	5.30%
Cu 324.754	3411.8	0.0048596	0.00037750	mg/L	0.0048596	0.00037750	mg/L	7.77%
Fe 273.955	1299.9	0.0832898	0.00196265	mg/L	0.0832898	0.00196265	mg/L	2.36%
Mg 279.079	383.2	0.0318852	0.00007057	mg/L	0.0318852	0.00007057	mg/L	0.22%
Mn 257.610	5410.9	0.0095615	0.00003939	mg/L	0.0095615	0.00003939	mg/L	0.41%
Se 196.026	34.5	0.0061463	0.00003240	mg/L	0.0061463	0.00003240	mg/L	0.53%
V 292.402	-31.9	0.0007332	0.00006115	mg/L	0.0007332	0.00006115	mg/L	8.34%
Zn 206.200	1826.3	0.0531513	0.00360089	mg/L	0.0531513	0.00360089	mg/L	6.77%
Na 330.237	1384.0	1.55138	0.007222	mg/L	1.55138	0.007222	mg/L	0.47%
Ti 334.941	511.0	0.0008269	0.00003273	mg/L	0.0008269	0.00003273	mg/L	3.96%
Mo 202.030	-79.5	0.0004947	0.00012109	mg/L	0.0004947	0.00012109	mg/L	24.48%
Sn 189.933	348.2	0.0448792	0.00001748	mg/L	0.0448792	0.00001748	mg/L	0.04%
Be 234.861	-381.6	-0.0010428	0.00001101	mg/L	-0.0010428	0.00001101	mg/L	1.06%
As 188.979	-24.0	0.0040400	0.00022669	mg/L	0.0040400	0.00022669	mg/L	5.61%
Sb 206.833	56.2	0.0058145	0.00031416	mg/L	0.0058145	0.00031416	mg/L	5.40%
Cr 206.158	208.1	0.0084599	0.00007531	mg/L	0.0084599	0.00007531	mg/L	0.89%
Pb 220.353	11.3	0.0014432	0.00114729	mg/L	0.0014432	0.00114729	mg/L	79.50%
Ni 231.604	105.0	0.0056512	0.00016772	mg/L	0.0056512	0.00016772	mg/L	2.97%
Tl 190.800	-53.1	-0.0011622	0.00024102	mg/L	-0.0011622	0.00024102	mg/L	20.74%

Mean Data

ID: LCSW Seq. No.: 42 Sample No.: 27 A/S Pos: 35
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/19/05 7:28:19 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	92148.8	0.596600	0.0052485	mg/L	0.596600	0.0052485	mg/L	0.88%
Al 308.215	104732.9	5.18651	0.048700	mg/L	5.18651	0.048700	mg/L	0.94%
Ba 233.527	28695.3	0.534721	0.0078385	mg/L	0.534721	0.0078385	mg/L	1.47%
Ca 315.887	3128680.3	52.8921	0.91396	mg/L	52.8921	0.91396	mg/L	1.73%
Cd 226.502	50344.0	0.525050	0.0075644	mg/L	0.525050	0.0075644	mg/L	1.44%
Co 228.616	15572.3	0.518673	0.0023187	mg/L	0.518673	0.0023187	mg/L	0.45%
Cu 324.754	78730.2	0.516829	0.0065391	mg/L	0.516829	0.0065391	mg/L	1.27%
Fe 273.955	77567.7	5.32726	0.074049	mg/L	5.32726	0.074049	mg/L	1.39%

Mg 279.079	612225.0	50.9362	0.73152	mg/L	50.9362	0.73152 mg/L	1.44%
Mn 257.610	302227.8	0.534061	0.0076826	mg/L	0.534061	0.0076826 mg/L	1.44%
Se 196.026	2001.3	0.501798	0.0032767	mg/L	0.501798	0.0032767 mg/L	0.65%
V 292.402	99903.5	0.525369	0.0069582	mg/L	0.525369	0.0069582 mg/L	1.32%
Zn 206.200	18216.6	0.563231	0.0009524	mg/L	0.563231	0.0009524 mg/L	0.17%
Na 330.237	48171.6	47.8993	0.32745	mg/L	47.8993	0.32745 mg/L	0.68%
Ti 334.941	325030.4	0.526016	0.0068418	mg/L	0.526016	0.0068418 mg/L	1.30%
Mo 202.030	10074.7	0.532011	0.0026917	mg/L	0.532011	0.0026917 mg/L	0.51%
Sn 189.933	4783.4	0.536527	0.0022694	mg/L	0.536527	0.0022694 mg/L	0.42%
Be 234.861	185776.9	0.507630	0.0073350	mg/L	0.507630	0.0073350 mg/L	1.44%
As 188.979	870.4	0.514540	0.0002853	mg/L	0.514540	0.0002853 mg/L	0.06%
Sb 206.833	1659.1	0.511353	0.0005696	mg/L	0.511353	0.0005696 mg/L	0.11%
Cr 206.158	13020.0	0.529275	0.0025291	mg/L	0.529275	0.0025291 mg/L	0.48%
Pb 220.353	2428.6	0.527486	0.0019689	mg/L	0.527486	0.0019689 mg/L	0.37%
Ni 231.604	9841.6	0.529522	0.0025649	mg/L	0.529522	0.0025649 mg/L	0.48%
Tl 190.800	950.2	0.522590	0.0004064	mg/L	0.522590	0.0004064 mg/L	0.08%

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

ID: ICSA V-5158 Seq. No.: 43 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: 8/19/05 7:32:37 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	326.9	0.0021166	0.00003764	mg/L				1.78%
Al 308.215	8761149.3	443.890	2.8579	mg/L				0.64%
Ba 233.527	-13.5	-0.0002523	0.00010314	mg/L				40.88%
Ca 315.887	26119052.8	440.692	2.2202	mg/L				0.50%
Cd 226.502	1801.1	-0.0001191	0.00031210	mg/L				261.94%
Co 228.616	156.3	0.0085359	0.00000780	mg/L				0.09%
Cu 324.754	2450.3	0.0052045	0.00016106	mg/L				3.09%
Fe 273.955	2494141.4	171.484	0.9662	mg/L				0.56%
Mg 279.079	5502360.3	457.788	2.9337	mg/L				0.64%
Mn 257.610	2466.9	0.0043593	0.00003459	mg/L				0.79%
Se 196.026	-278.7	0.0060959	0.00186604	mg/L				30.61%
V 292.402	5039.7	0.0017398	0.00030563	mg/L				17.57%
Zn 206.200	943.9	0.0256914	0.00084690	mg/L				3.30%
Na 330.237	1200.1	-4.44550	0.039637	mg/L				0.89%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-124.4	-0.0002013	0.00007637	mg/L				37.94%
Mo 202.030	-199.2	0.0010886	0.00027342	mg/L				25.12%
Sn 189.933	-56.1	0.0000590	0.00009413	mg/L				159.65%
Be 234.861	-10848.4	-0.0029788	0.00012702	mg/L				4.26%
As 188.979	-45.2	0.0022324	0.00368017	mg/L				164.85%
Sb 206.833	96.3	0.0055052	0.00231652	mg/L				42.08%
Cr 206.158	187.6	-0.0012689	0.00033571	mg/L				26.46%
Pb 220.353	-135.0	0.0099359	0.00004844	mg/L				0.49%
Ni 231.604	1013.3	0.0088635	0.00043648	mg/L				4.92%
Tl 190.800	-53.0	-0.0011368	0.00120083	mg/L				105.63%

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

ID: ICSAB V-5159 Seq. No.: 44 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: 8/19/05 7:36:10 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	159106.6	1.03011	0.000837	mg/L				0.08%
Al 308.215	8699120.9	440.746	2.1950	mg/L				0.50%
Ba 233.527	25050.6	0.466805	0.0010066	mg/L				0.22%
Ca 315.887	26100530.2	440.380	1.9787	mg/L				0.45%
Cd 226.502	88028.8	0.899093	0.0026507	mg/L				0.29%
Co 228.616	13619.1	0.454039	0.0010034	mg/L				0.22%
Cu 324.754	76341.5	0.507502	0.0023701	mg/L				0.47%
Fe 273.955	2504508.2	172.197	0.2838	mg/L				0.16%
Mg 279.079	5492875.9	456.999	2.1458	mg/L				0.47%
Mn 257.610	266552.1	0.471019	0.0006116	mg/L				0.13%
Se 196.026	3410.5	0.936180	0.0037446	mg/L				0.40%
V 292.402	90810.3	0.458193	0.0005824	mg/L				0.13%
Zn 206.200	28730.9	0.890446	0.0003514	mg/L				0.04%
Na 330.237	-729.9	-3.97424	0.052328	mg/L				1.32%
*QC exceeds lower limit for Na 330.237 Action = Continue								

Ti 334.941	-102.2	-0.0001654	0.00000447	mg/L				2.70%
Mo 202.030	-208.4	0.0006339	0.00094579	mg/L				149.19%
Sn 189.933	-46.6	0.0011170	0.00113226	mg/L				101.37%
Be 234.861	173666.2	0.501312	0.0000406	mg/L				0.01%
As 188.979	1698.5	0.997593	0.0101566	mg/L				1.02%
Sb 206.833	3153.4	0.969821	0.0012214	mg/L				0.13%
Cr 206.158	11321.1	0.457221	0.0006204	mg/L				0.14%
Pb 220.353	3952.9	0.899307	0.0063118	mg/L				0.70%
Ni 231.604	17398.9	0.890415	0.0001633	mg/L				0.02%
Tl 190.800	1642.5	0.874263	0.0051532	mg/L				0.59%

Mean Data

ID: CCV V-5161 Seq. No.: 45 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: 8/19/05 7:39:24 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	75082.9	0.486110	0.0000015	mg/L				0.00%
Al 308.215	103796.1	5.13903	0.010395	mg/L				0.20%
Ba 233.527	28348.2	0.528254	0.0003268	mg/L				0.06%
Ca 315.887	3091994.1	52.2733	0.07356	mg/L				0.14%
Cd 226.502	50247.9	0.524048	0.0005084	mg/L				0.10%
Co 228.616	15398.7	0.512929	0.0016096	mg/L				0.31%
Cu 324.754	77805.0	0.510540	0.0019570	mg/L				0.38%
Fe 273.955	76889.7	5.28064	0.006529	mg/L				0.12%
Mg 279.079	622997.1	51.8324	0.00224	mg/L				0.00%
Mn 257.610	295233.8	0.521702	0.0004415	mg/L				0.08%
Se 196.026	2033.7	0.509954	0.0006129	mg/L				0.12%
V 292.402	98400.5	0.517253	0.0008396	mg/L				0.16%
Zn 206.200	17339.9	0.535950	0.0029615	mg/L				0.55%
Na 330.237	49169.9	48.7861	0.10175	mg/L				0.21%
Ti 334.941	314246.3	0.508564	0.0000245	mg/L				0.00%
Mo 202.030	9670.7	0.510860	0.0018207	mg/L				0.36%
Sn 189.933	4587.4	0.514797	0.0032112	mg/L				0.62%
Be 234.861	188091.1	0.513953	0.0001980	mg/L				0.04%
As 188.979	872.8	0.515916	0.0047209	mg/L				0.92%
Sb 206.833	1656.0	0.510377	0.0036735	mg/L				0.72%
Cr 206.158	12780.7	0.519549	0.0031259	mg/L				0.60%
Pb 220.353	2426.1	0.526956	0.0003058	mg/L				0.06%
Ni 231.604	9749.2	0.524547	0.0005344	mg/L				0.10%
Tl 190.800	957.0	0.525928	0.0002694	mg/L				0.05%

Mean Data

ID: CCB Seq. No.: 46 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: 8/19/05 7:42:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-297.8	-0.0019278	0.00017301	mg/L				8.97%
Al 308.215	4557.1	0.108970	0.0043162	mg/L				3.96%
Ba 233.527	-14.1	-0.0002631	0.00000415	mg/L				1.58%
Ca 315.887	458.2	0.125466	0.0071280	mg/L				5.68%
Cd 226.502	-169.6	-0.0017688	0.00006530	mg/L				3.69%
Co 228.616	-60.8	0.0013536	0.00005537	mg/L				4.09%
Cu 324.754	3592.9	0.0060905	0.00070378	mg/L				11.56%
Fe 273.955	485.1	0.0272673	0.00139919	mg/L				5.13%
Mg 279.079	1648.5	0.137152	0.0086617	mg/L				6.32%
Mn 257.610	287.2	0.0005074	0.00002661	mg/L				5.24%
Se 196.026	25.3	0.0038305	0.00081669	mg/L				21.32%
V 292.402	-49.0	0.0006424	0.00006008	mg/L				9.35%
Zn 206.200	411.2	0.0091148	0.00028112	mg/L				3.08%
Na 330.237	1311.3	1.48156	0.051908	mg/L				3.50%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	64.1	0.0001038	0.00003808	mg/L				36.68%
Mo 202.030	-71.4	0.0009149	0.00005712	mg/L				6.24%
Sn 189.933	-20.9	0.0039617	0.00073598	mg/L				18.58%
Be 234.861	-332.4	-0.0009081	0.00003127	mg/L				3.44%
As 188.979	-23.5	0.0043492	0.00064750	mg/L				14.89%
Sb 206.833	50.5	0.0039990	0.00106948	mg/L				26.74%
Cr 206.158	111.4	0.0045265	0.00011542	mg/L				2.55%

Pb 220.353	8.8	0.0009110	0.00032123	mg/L	35.26%
Ni 231.604	13.3	0.0007156	0.00000870	mg/L	1.22%
Tl 190.800	-47.6	0.0016914	0.00024299	mg/L	14.37%

1316

1st Rv/Analyst [signature] 8/19/05 V-5895

Shiamol AL 8/20/05

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

Date: 08/19/2005
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6274S.SIF Results Data Set Name: H6274S

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 08/19/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0004	0.0024	0.0004	04:13:19	No
2			0.0004	0.0007	0.0004	04:13:54	No
Mean:			0.0004				
SD :			0.0000				
%RSD:			9.4106				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 08/19/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0035	0.0113	0.0039	04:14:56	No
2			0.0035	0.0120	0.0039	04:15:30	No
Mean:			0.0035				
SD :			0.0000				
%RSD:			0.8778				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00696
Intercept : 0.00000

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 08/19/2005
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0073	0.0258	0.0077	04:16:31	No
2			0.0073	0.0248	0.0077	04:17:06	No
Mean:			0.0073				
SD :			0.0000				
%RSD:			0.2559				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99971 Slope: 0.00727
Intercept : -0.00005

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 08/19/2005
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0144	0.0480	0.0148	04:18:08	No
2			0.0145	0.0488	0.0149	04:18:42	No
Mean:			0.0145				
SD :			0.0000				
%RSD:			0.3098				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99993 Slope: 0.00726

Intercept : -0.00005

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 08/19/2005
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0356	0.1172	0.0360	04:19:44	No
2			0.0359	0.1158	0.0363	04:20:18	No
Mean:			0.0358				
SD :			0.0002				
%RSD:			0.4619				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99997 Slope: 0.00716
Intercept : 0.00003

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 08/19/2005
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0701	0.2310	0.0705	04:21:19	No
2			0.0702	0.2301	0.0706	04:21:55	No
Mean:			0.0702				
SD :			0.0001				
%RSD:							

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99994 Slope: 0.00702
Intercept : 0.00021

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 08/19/2005
Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1711	0.5676	0.1715	04:22:55	No
2			0.1707	0.5618	0.1712	04:23:30	No
Mean:			0.1709				
SD :			0.0002				
%RSD:			0.1354				

[Hg] Standard number 6 applied. [25.00]
Correlation Coefficient: 0.99992 Slope: 0.00683
Intercept : 0.00068

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	0.0035	0.500	0.410	0.0000	0.9
1.0 PPB	0.0073	1.000	0.964	0.0000	0.3
2.0 PPB	0.0145	2.000	2.018	0.0000	0.3
5.0 PPB	0.0358	5.000	5.132	0.0002	0.5
10.0 PPB	0.0702	10.000	10.17	0.0001	----
25.0 PPB	0.1709	25.000	24.91	0.0002	0.1

Correlation Coefficient: 0.99992 Slope: 0.00683 Intercept: 0.0007

Element: Hg Seq. No.: 8 AS Loc.: 9 Date: 08/19/2005
Sample ID: ICV 1183 (2)

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

1	19.77	19.77	0.1358	0.4492	0.1362	04:24:35	No
2	19.60	19.60	0.1346	0.4439	0.1350	04:25:10	No
Mean:	19.69	19.69	0.1352				
SD :	0.1263	0.1263	0.0009				
%RSD:	0.6	0.6	0.6385				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 1 Date: 08/19/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.105	-0.105	0.0000	0.0001	0.0004	04:26:11	No
2	-0.090	-0.090	0.0001	0.0018	0.0005	04:26:46	No
Mean:	-0.097	-0.097	0.0000				
SD :	0.0107	0.0107	0.0001				
%RSD:	11.0	11.0	464.7372				

QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 34 Date: 08/19/2005
Sample ID: MB 6274 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.113	-0.113	-0.0001	0.0017	0.0003	04:27:50	No
2	-0.126	-0.126	-0.0002	0.0003	0.0002	04:28:24	No
Mean:	-0.119	-0.119	-0.0001				
SD :	0.0090	0.0090	0.0001				
%RSD:	7.5	7.5	45.7301				

Element: Hg Seq. No.: 11 AS Loc.: 35 Date: 08/19/2005
Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.120	9.120	0.0630	0.2091	0.0634	04:29:26	No
2	8.988	8.988	0.0621	0.2050	0.0625	04:30:00	No
Mean:	9.054	9.054	0.0626				
SD :	0.0932	0.0932	0.0006				
%RSD:	1.0	1.0	1.0181				

Element: Hg Seq. No.: 12 AS Loc.: 36 Date: 08/19/2005
Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.080	9.080	0.0627	0.2110	0.0631	04:31:02	No
2	9.090	9.090	0.0628	0.2085	0.0632	04:31:36	No
Mean:	9.085	9.085	0.0628				
SD :	0.0074	0.0074	0.0001				
%RSD:							

Element: Hg Seq. No.: 13 AS Loc.: 37 Date: 08/19/2005
Sample ID: 19099-015

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.686	0.686	0.0054	0.0184	0.0058	04:32:38	No
2	0.675	0.675	0.0053	0.0165	0.0057	04:33:13	No
Mean:	0.680	0.680	0.0053				
SD :	0.0080	0.0080	0.0001				
%RSD:	1.2	1.2	1.0313				

Element: Hg Seq. No.: 14 AS Loc.: 38 Date: 08/19/2005
Sample ID: 19099-015 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.880	0.880	0.0067	0.0225	0.0071	04:34:16	No
2	0.884	0.884	0.0067	0.0235	0.0071	04:34:52	No
Mean:	0.882	0.882	0.0067				
SD :	0.0034	0.0034	0.0000				
%RSD:	0.4	0.4	0.3465				

Element: Hg Seq. No.: 15 AS Loc.: 39 Date: 08/19/2005
Sample ID: 19099-016 MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.621	9.621	0.0664	0.2203	0.0668	04:35:53	No
2	9.535	9.535	0.0659	0.2187	0.0663	04:36:27	No
Mean:	9.578	9.578	0.0661				
SD :	0.0602	0.0602	0.0004				
%RSD:	0.6	0.6	0.6224				

Element: Hg Seq. No.: 16 AS Loc.: 40 Date: 08/19/2005
Sample ID: 19099-017 MS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.953	9.953	0.0687	0.2266	0.0691	04:37:28	No
2	9.722	9.722	0.0671	0.2212	0.0675	04:38:03	No
Mean:	9.838	9.838	0.0679				
SD :	0.1636	0.1636	0.0011				
%RSD:	1.7	1.7	1.6466				

Element: Hg Seq. No.: 17 AS Loc.: 41 Date: 08/19/2005
Sample ID: 19099-018

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.041	1.041	0.0078	0.0276	0.0082	04:39:04	No
2	1.045	1.045	0.0078	0.0276	0.0082	04:39:39	No
Mean:	1.043	1.043	0.0078				
SD :	0.0027	0.0027	0.0000				
%RSD:	0.3	0.3	0.2331				

Element: Hg Seq. No.: 18 AS Loc.: 42 Date: 08/19/2005
Sample ID: 19099-019

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.136	-0.136	-0.0002	-0.0004	0.0002	04:40:39	No
2	-0.128	-0.128	-0.0002	0.0008	0.0002	04:41:15	No
Mean:	-0.132	-0.132	-0.0002				
SD :	0.0055	0.0055	0.0000				
%RSD:	4.2	4.2	17.0154				

Element: Hg Seq. No.: 19 AS Loc.: 43 Date: 08/19/2005
Sample ID: 19099-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.928	1.928	0.0139	0.0481	0.0143	04:42:16	No
2	1.918	1.918	0.0138	0.0461	0.0142	04:42:50	No

Mean:	1.923	1.923	0.0138
SD :	0.0070	0.0070	0.0000
%RSD:	0.4	0.4	0.3483

Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 08/19/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.20	10.20	0.0704	0.2281	0.0708	04:43:53	No
2	10.36	10.36	0.0715	0.2335	0.0719	04:44:28	No
Mean:	10.28	10.28	0.0709				
SD :	0.1132	0.1132	0.0008				
%RSD:	1.1	1.1	1.0907				

QC value within specified limits.

Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 08/19/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.093	-0.093	0.0000	0.0015	0.0005	04:45:31	No
2	-0.096	-0.096	0.0000	0.0020	0.0004	04:46:07	No
Mean:	-0.094	-0.094	0.0000				
SD :	0.0021	0.0021	0.0000				
%RSD:	2.2	2.2	39.5228				

QC value within specified limits.

Element: Hg Seq. No.: 22 AS Loc.: 44 Date: 08/19/2005
Sample ID: 19099-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.306	1.306	0.0096	0.0333	0.0100	04:47:11	No
2	1.282	1.282	0.0094	0.0318	0.0098	04:47:47	No
Mean:	1.294	1.294	0.0095				
SD :	0.0170	0.0170	0.0001				
%RSD:	1.3	1.3	1.2235				

Element: Hg Seq. No.: 23 AS Loc.: 45 Date: 08/19/2005
Sample ID: 19099-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.814	2.814	0.0199	0.0673	0.0203	04:48:48	No
2	2.832	2.832	0.0200	0.0669	0.0204	04:49:23	No
Mean:	2.823	2.823	0.0200				
SD :	0.0123	0.0123	0.0001				
%RSD:	0.4	0.4	0.4206				

Element: Hg Seq. No.: 24 AS Loc.: 46 Date: 08/19/2005
Sample ID: 19099-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	7.082	7.082	0.0491	0.1644	0.0495	04:50:24	No
2	7.022	7.022	0.0487	0.1580	0.0491	04:50:59	No
Mean:	7.052	7.052	0.0489				
SD :	0.0424	0.0424	0.0003				
%RSD:	0.6	0.6	0.5923				

Element: Hg Seq. No.: 25 AS Loc.: 47 Date: 08/19/2005

1321

Sample ID: 19099-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.024	2.024	0.0145	0.0499	0.0149	04:52:03	No
2	1.969	1.969	0.0141	0.0463	0.0145	04:52:37	No
Mean:	1.996	1.996	0.0143				
SD :	0.0385	0.0385	0.0003				
%RSD:	1.9	1.9	1.8388				

Element: Hg Seq. No.: 26 AS Loc.: 48 Date: 08/19/2005
Sample ID: 19099-006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.769	2.769	0.0196	0.0637	0.0200	04:53:39	No
2	2.815	2.815	0.0199	0.0643	0.0203	04:54:13	No
Mean:	2.792	2.792	0.0198				
SD :	0.0326	0.0326	0.0002				
%RSD:	1.2	1.2	1.1260				

Element: Hg Seq. No.: 27 AS Loc.: 49 Date: 08/19/2005
Sample ID: 19099-007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.320	1.320	0.0097	0.0343	0.0101	04:55:14	No
2	1.297	1.297	0.0095	0.0321	0.0100	04:55:49	No
Mean:	1.309	1.309	0.0096				
SD :	0.0167	0.0167	0.0001				
%RSD:	1.3	1.3	1.1847				

Element: Hg Seq. No.: 28 AS Loc.: 50 Date: 08/19/2005
Sample ID: 19099-008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.678	0.678	0.0053	0.0200	0.0057	04:56:50	No
2	0.684	0.684	0.0054	0.0215	0.0058	04:57:25	No
Mean:	0.681	0.681	0.0053				
SD :	0.0040	0.0040	0.0000				
%RSD:	0.6	0.6	0.5165				

Element: Hg Seq. No.: 29 AS Loc.: 51 Date: 08/19/2005
Sample ID: 19099-009

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.023	0.023	0.0008	0.0048	0.0012	04:58:26	No
2	0.019	0.019	0.0008	0.0038	0.0012	04:59:01	No
Mean:	0.021	0.021	0.0008				
SD :	0.0030	0.0030	0.0000				
%RSD:	13.9	13.9	2.4609				

Element: Hg Seq. No.: 30 AS Loc.: 52 Date: 08/19/2005
Sample ID: 19099-010

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.609	3.609	0.0253	0.0842	0.0258	05:00:02	No
2	3.608	3.608	0.0253	0.0850	0.0257	05:00:36	No
Mean:	3.608	3.608	0.0253				
SD :	0.0009	0.0009	0.0000				

%RSD:

Element: Hg Seq. No.: 31 AS Loc.: 53 Date: 08/19/2005
Sample ID: 19099-011

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.385	5.385	0.0375	0.1212	0.0379	05:01:38	No
2	5.446	5.446	0.0379	0.1256	0.0383	05:02:12	No
Mean:	5.416	5.416	0.0377				
SD :	0.0436	0.0436	0.0003				
%RSD:	0.8	0.8	0.7910				

Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 08/19/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.31	10.31	0.0712	0.2309	0.0716	05:03:15	No
2	10.20	10.20	0.0704	0.2315	0.0708	05:03:50	No
Mean:	10.26	10.26	0.0708				
SD :	0.0803	0.0803	0.0005				
%RSD:	0.8	0.8	0.7757				

QC value within specified limits.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 08/19/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	0.0001	0.0026	0.0005	05:04:54	No
2	-0.077	-0.077	0.0002	0.0029	0.0006	05:05:29	No
Mean:	-0.078	-0.078	0.0001				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.5	2.5	9.0872				

QC value within specified limits.

Element: Hg Seq. No.: 34 AS Loc.: 54 Date: 08/19/2005
Sample ID: 19099-012

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.025	0.025	0.0009	0.0050	0.0013	05:06:35	No
2	0.010	0.010	0.0007	0.0026	0.0012	05:07:10	No
Mean:	0.017	0.017	0.0008				
SD :	0.0108	0.0108	0.0001				
%RSD:	63.0	63.0	9.2727				

Element: Hg Seq. No.: 35 AS Loc.: 55 Date: 08/19/2005
Sample ID: 19099-013

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.532	2.532	0.0180	0.0603	0.0184	05:08:11	No
2	2.496	2.496	0.0177	0.0584	0.0181	05:08:45	No
Mean:	2.514	2.514	0.0179				
SD :	0.0258	0.0258	0.0002				
%RSD:	1.0	1.0	0.9866				

Element: Hg Seq. No.: 36 AS Loc.: 56 Date: 08/19/2005
Sample ID: 19099-014

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.844	2.844	0.0201	0.0688	0.0205	05:09:50	No
2	2.907	2.907	0.0205	0.0708	0.0210	05:10:25	No
Mean:	2.876	2.876	0.0203				
SD :	0.0440	0.0440	0.0003				
%RSD:	1.5	1.5	1.4805				

Element: Hg Seq. No.: 37 AS Loc.: 57 Date: 08/19/2005
Sample ID: MB FB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.128	-0.128	-0.0002	-0.0001	0.0002	05:11:26	No
2	-0.142	-0.142	-0.0003	-0.0018	0.0001	05:12:01	No
Mean:	-0.135	-0.135	-0.0002				
SD :	0.0100	0.0100	0.0001				
%RSD:	7.4	7.4	27.9523				

Element: Hg Seq. No.: 38 AS Loc.: 58 Date: 08/19/2005
Sample ID: LCSW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.978	8.978	0.0620	0.2080	0.0624	05:13:02	No
2	8.853	8.853	0.0612	0.2036	0.0616	05:13:37	No
Mean:	8.916	8.916	0.0616				
SD :	0.0887	0.0887	0.0006				
%RSD:	1.0	1.0	0.9835				

Element: Hg Seq. No.: 39 AS Loc.: 8 Date: 08/19/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.18	10.18	0.0702	0.2310	0.0707	05:14:42	No
2	10.24	10.24	0.0706	0.2311	0.0710	05:15:16	No
Mean:	10.21	10.21	0.0704				
SD :	0.0407	0.0407	0.0003				
%RSD:	0.4	0.4	0.3952				

QC value within specified limits.

Element: Hg Seq. No.: 40 AS Loc.: 1 Date: 08/19/2005
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	0.0018	0.0005	05:16:19	No
2	-0.088	-0.088	0.0001	0.0017	0.0005	05:16:55	No
Mean:	-0.088	-0.088	0.0001				
SD :	0.0003	0.0003	0.0000				
%RSD:	0.4	0.4	2.6699				

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.: 6274
Matrix: Soil

Analyst: JS
Prep Date: 8/18/05
Reviewed By: [illegible] 8/18/05

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50ml	50ml	--	--	
LCS	.5g		--	--	
LCSD			--	--	
1. 19099-015					
DUP 19099-015			--	--	
MS 19099-016			--	--	
MSD 19099-017					
2. 19099-018					
3. 19099-019	50ml				
4. 19099-001	.5g				
5. 19099-002					
6. 19099-003					
7. 19099-004					
8. 19099-005					
9. 19099-006					
10. 19099-007					
11. 19099-008					
12. 19099-009					
13. 19099-010					
14. 19099-011					
15. 19099-012					
16. 19099-013					
17. 19099-014					
18. MBFb	50ml				
19. LCSW					
20.					

Hot Plate Temperature: 95° C

Spike Volume & Lot #	Acid	Manufacturer	Lot #:	Acid	Manufacturer	Lot #:
.5ml of 1237	HNO_3	Baker	796	1:1 HNO_3	Baker	V. 4503
.5ml of 1238	HCl	Baker	1142	1:1 HCl	Baker	V.
.5g of 7047	H_2O_2	Baker	1141			

Relinquished By [signature] Date 8/18/05
Received By [signature] Date 8/19/05

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) EPA 600 OTHER_____

Batch No.: 6274
Matrix: SOIC
Analyst: JB
Prep Date: 8/18/05
Review By: MS 8/18/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25 ml	25 ml	
LCS	.15g		
LCSD			
1. 19099-015			
DUP 19099-015			
MS 19099-016			
MSD 19099-017			
2. 19099-018			
3. 19099-019	25 ml		
4. 19099-001	.15g		
5. 19099-002			
6. 19099-003			
7. 19099-004			
8. 19099-005			
9. 19099-006			
10. 19099-007			
11. 19099-008			
12. 19099-009			
13. 19099-010			
14. 19099-011			
15. 19099-012			
16. 19099-013			
17. 19099-014			
18. MB.F5	25 ml		
19. LCSW			
20.			
$KmnO_4$: V-2627			Block Temp.: 95° C
$K_2S_2O_8$: ~~V-2628~~ 8/18			Time In Block: 1530
NH_2OH: V-4514			Time Out of Block: 1600

Spike Volume & Lot #

- ☐ LCS 704 0.15g
- ☐ MS V-5870 0.250 ml
- ☐ Standards/Control Batch B-000

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1142
H_2SO_4	Baker	

Relinquished By: 8/18/05
Received By: 8/18/05

00 079

Wet Chemistry Data

Veritech Wet Chem Form 1 Summary

Lab #: AC19099-001

Lab #: AC19099-001 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 56 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	89	Percen		1	8/17/2005

Lab #: AC19099-002 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 56 (2.0) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	77	Percen		1	8/17/2005

Lab #: AC19099-003 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 56 (6.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	53	Percen		1	8/17/2005

Lab #: AC19099-004 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 57 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	88	Percen		1	8/17/2005

Lab #: AC19099-005 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 57 (2.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	87	Percen		1	8/17/2005

Lab #: AC19099-006 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 57 (5.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	49	Percen		1	8/17/2005

Lab #: AC19099-007 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 58 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	91	Percen		1	8/17/2005

Veritech Wet Chem Form 1 Summary

Lab #: AC19099-008

Lab #: AC19099-008 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 58 (5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	77	Percen		1	8/17/2005

Lab #: AC19099-009 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 58 (11) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	67	Percen		1	8/17/2005

Lab #: AC19099-010 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 59 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	91	Percen		1	8/17/2005

Lab #: AC19099-011 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 59 (5.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	88	Percen		1	8/17/2005

Lab #: AC19099-012 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 59 (10.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	40	Percen		1	8/17/2005

Lab #: AC19099-013 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 60 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	92	Percen		1	8/17/2005

Lab #: AC19099-014 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 260 (0.5) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	92	Percen		1	8/17/2005

Veritech Wet Chem Form 1 Summary

Lab #: AC19099-015

Lab #: AC19099-015 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 60 (4) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	87	Percen		1	8/17/2005

Lab #: AC19099-016 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 60 (4)MS | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	85	Percen		1	8/17/2005

Lab #: AC19099-017 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 60 (4)MSD | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	87	Percen		1	8/17/2005

Lab #: AC19099-018 | Sample Matrix: Soil/Encore
Sample ID: PCSB - 60 (11) | Date Received: 8/16/2005

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	69	Percen		1	8/17/2005

Analysis Type: SOLIDS
Batch Number: SOLIDS-3094
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	AC19099-001	NA	NA	20	89.38053	NA	0.1	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC19099-001	DUP		89		100	89.381	1	12.3	11.1			08/17/05	dh
AC19099-001	Sample		89		100	89.474	1	12.4	11.2			08/17/05	dh
AC19099-002	Sample		77		100	76.991	1	12.3	9.7			08/17/05	dh
AC19099-003	Sample		53		100	52.542	1	12.8	7.2			08/17/05	dh
AC19099-004	Sample		88		100	87.826	1	12.5	11.1			08/17/05	dh
AC19099-005	Sample		87		100	86.842	1	12.4	10.9			08/17/05	dh
AC19099-006	Sample		49		100	48.673	1	12.3	6.5			08/17/05	dh
AC19099-007	Sample		91		100	90.909	1	12.0	11.0			08/17/05	dh
AC19099-008	Sample		77		100	77.391	1	12.5	9.9			08/17/05	dh
AC19099-009	Sample		67		100	67.241	1	12.6	8.8			08/17/05	dh
AC19099-010	Sample		91		100	90.598	1	12.7	11.6			08/17/05	dh
AC19099-011	Sample		88		100	87.826	1	12.5	11.1			08/17/05	dh
AC19099-012	Sample		40		100	39.823	1	12.3	5.5			08/17/05	dh
AC19099-013	Sample		92		100	91.525	1	12.8	11.8			08/17/05	dh
AC19099-014	Sample		92		100	91.964	1	12.2	11.3			08/17/05	dh
AC19099-015	Sample		87		100	87.395	1	12.9	11.4			08/17/05	dh
AC19099-016	Sample		85		100	85.455	1	12.0	10.4			08/17/05	dh
AC19099-017	Sample		87		100	87.069	1	12.6	11.1			08/17/05	dh
AC19099-018	Sample		69		100	68.696	1	12.5	8.9			08/17/05	dh
AC19084-001	Sample		59		100	58.824	1	12.9	8.0			08/17/05	dh
AC19084-002	Sample		62		100	62.281	1	12.4	8.1			08/17/05	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

Batch No. 3094

Lab Sample No.	Tare Wt. (g)	Wet Wt. + Tare (g)	Dry Wt. + Tare (g)	Analysis Date	Time in	Time out	Analyst Initials
Dup 19099-1	1.0	12.3	11.1	8/17/05	13:00	16:48	DH
1. 1		12.4	11.2				
2. 2		12.3	9.7				
3. 3		12.8	7.2				
4. 4		12.5	11.1				
5. 5		12.4	10.9				
6. 6		12.3	6.5				
7. 7		12.0	11.0				
8. 8		12.5	9.9				
9. 9		12.6	8.8				
10. 10		12.7	11.6				
11. 11		12.5	11.1				
12. 12		12.3	5.5				
13 13		12.8	11.8				
14. 14		12.2	11.3				
15. 15		12.9	11.4				
16. 16		12.0	10.4				
17. 17		12.6	11.1				
18. 18		12.5	8.9				
19 19084-1		12.9	8.0				
20. 2	↓	12.4	8.1	↓	↓	↓	↓

Analyst Dave Homa

Analyst _____

Analyst _____

Analyst _____

Reviewed By _____ Date Reviewed 8/18/05