GC/MS Semi-Volatile Data
Standards Data

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05466.	CAL BNA@50PPM	08/09/05 11:53	2	4M05468.	CAL BNA@10PPM	08/09/05 12:40
3	4M05469.	CAL BNA@25PPM	08/09/05 13:04	4	4M05470.	CAL BNA@80PPM	08/09/05 13:28
5	4M05471.	CAL BNA@120PPM	08/09/05 13:52	6	4M05472.	CAL BNA@160PPM	08/09/05 14:16
7	4M05473.	CAL BNA@200PPM	08/09/05 14:40				

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
Pyridine	1	0	Avg	1.6085	1.2323	1.9051	1.7830	1.7369	1.5428	1.6209	----	1.63	2.21	0.993	0.995	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	1.0357	0.7391	0.9035	0.9890	1.0346	0.9990	0.9421	----	0.949	2.16	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.2039	1.0760	1.2634	1.1725	1.0679	1.0566	0.9456	----	1.11	3.71	0.988	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8071	1.6864	2.1110	1.5832	1.4036	-----	-----	-----	1.72	4.59	0.979	0.997	15	50.00	10.00	25.00	80.00	120.0			
bis(2-Chloroethyl)ether	1	0	Avg	1.2217	1.2399	1.3090	1.1690	1.1998	1.1588	1.1426	-----	1.21	4.65	0.999	1.00	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.5341	1.4517	1.5686	1.4728	1.2536	1.2408	1.2552	----	1.40	4.58	0.994	0.995	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.6286	1.6446	1.8549	1.6377	1.2874	1.2978	1.3068	-----	1.52	4.59	0.988	0.990	15*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.2567	1.2619	1.3171	1.1983	1.1138	1.0565	1.0237	-----	1.18	4.68	0.995	1.00	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.3813	1.4367	1.5501	1.3230	1.1297	1.1225	1.2045	-----	1.31	4.81	0.992	0.992	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.3427	1.3844	1.5858	1.3119	1.1634	1.1341	1.1183	----	1.29	4.88	0.996	0.998	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.3397	1.4377	1.4553	1.2249	0.9916	-----	-----	-----	1.29	4.99	0.966	1.00	15	50.00	10.00	25.00	80.00	120.0			
Benzyl alcohol	1	0	Avg	0.7388	0.6844	0.8123	0.6740	0.6486	0.6240	0.6418	-----	0.689	4.98	0.998	0.998	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.4897	3.3178	3.3894	3.1631	2.8322	2.7178	2.5970	-----	3.07	5.09	0.992	0.998	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.1114	1.0454	1.1425	0.9858	0.7926	-----	-----	-----	1.02	5.07	0.957	1.00	14	50.00	10.00	25.00	80.00	120.0			
Hexachloroethane	1	0	Avg	0.7112	0.6761	0.7510	0.6550	0.5710	0.5615	0.5203	-----	0.635	5.26	0.989	0.998	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0857	1.1356	1.1681	0.9901	0.9484	0.9234	0.9224	-----	1.02	5.20	0.999	0.999	10**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.0098	0.9434	1.1957	0.8568	0.9102	0.8764	0.9077	-----	0.957	5.20	0.996	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.2014	0.1973	0.1807	0.1978	0.1937	0.1936	0.1891	----	0.193	5.30	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4597	0.4691	0.4946	0.4762	0.4155	0.4004	0.3981	-----	0.445	5.32	0.995	0.997	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7693	0.8643	0.8062	0.7934	0.7927	0.8067	0.7591	-----	0.799	5.50	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2316	0.2273	0.2444	0.2310	0.2326	0.2482	0.2092	-----	0.232	5.56	0.984	0.990	5.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4161	0.4063	0.4367	0.4223	0.3525	0.3597	0.3268	-----	0.389	5.60	0.987	0.996	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0889	0.0720	0.0929	0.0898	0.0750	0.0664	0.0692	-----	0.0792	5.72	0.981	0.989	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5108	0.4946	0.5277	0.5044	0.4258	0.4193	0.4050	-----	0.470	5.68	0.992	0.997	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3214	0.3949	0.3238	0.3329	0.3127	0.3018	0.2868	-----	0.325	5.75	0.996	0.999	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3692	0.4369	0.3910	0.3575	0.3513	0.3287	0.3058	-----	0.363	5.81	0.993	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	0.9040	1.1746	0.9991	0.8975	0.8613	0.8390	----	----	0.946	5.87	0.999	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0		
4-Chloroaniline	1	0	Avg	0.4102	0.4897	0.4581	0.3934	0.3209	0.2957	0.2622	-----	0.376	5.92	0.966	0.997	23	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.2618	0.2974	0.2428	0.2530	0.2342	0.2308	0.2059	-----	0.247	5.97	0.988	0.998	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3422	0.4057	0.3300	0.3468	0.3173	0.3154	0.3229	-----	0.340	6.32	0.998	0.998	9.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6333	0.6888	0.6565	0.6286	0.5852	0.5607	0.5057	-----	0.608	6.45	0.988	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalene(Total)	1	0	Avg	0.6333	0.6888	0.6565	0.6286	0.5852	0.5607	0.5057	-----	0.608	6.45	0.988	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.7907	0.8204	0.7926	0.7277	0.6349	0.5817	0.5663	-----	0.702	6.60	0.987	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.5826	0.4106	0.4903	0.5784	0.5730	0.5029	0.4793	-----	0.517	6.59	0.984	0.998	12**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.5269	0.5632	0.4766	0.5225	0.4889	0.4748	0.4422	-----	0.499	6.70	0.994	0.999	8.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5323	0.5375	0.5485	0.4843	0.4453	0.3900	0.3813	-----	0.474	6.73	0.985	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.4689	1.4401	1.5400	1.4013	1.3580	1.2419	1.1232	-----	1.37	6.78	0.987	1.00	10	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.2017	1.2999	1.2458	1.1636	1.0986	0.9676	0.8956	-----	1.12	6.88	0.981	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.7156	0.6807	0.6614	0.6792	0.5805	0.5257	0.5392	-----	0.626	6.99	0.986	0.992	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8443	-----	0.8397	0.8074	0.7187	0.6450	0.6085	-----	0.744	7.20	0.982	0.998	14	50.00		25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalene(Tota	1	0	Avg	0.8443	-----	0.8397	0.8074	0.7187	0.6450	0.6085	-----	0.744	7.20	0.982	0.998	14	50.00		25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	1.0724	-----	1.0872	0.9951	0.9247	0.8003	0.7438	-----	0.937	6.96	0.976	0.998	15	50.00		25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

1523

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05466.	CAL BNA@50PPM	08/09/05 11:53	2	4M05468.	CAL BNA@10PPM	08/09/05 12:40
3	4M05469.	CAL BNA@25PPM	08/09/05 13:04	4	4M05470.	CAL BNA@80PPM	08/09/05 13:28
5	4M05471.	CAL BNA@120PPM	08/09/05 13:52	6	4M05472.	CAL BNA@160PPM	08/09/05 14:16
7	4M05473.	CAL BNA@200PPM	08/09/05 14:40				

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
Acenaphthylene	1	0	Avg	1.9436	2.0396	1.8918	1.9230	1.6317	1.4641	1.4322	-----	1.76	7.28	0.981	0.995	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.5207	1.6520	1.4579	1.4338	1.4088	1.2658	1.2309	-----	1.42	7.16	0.992	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3343	0.3383	0.3472	0.3322	0.3386	0.3280	0.3237	-----	0.335	7.22	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.2352	1.3249	1.2470	1.1687	1.0740	0.9984	0.9644	-----	1.14	7.46	0.993	0.999	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3143	0.2940	0.3306	0.2986	0.2197	-----	-----	-----	0.291	7.38	0.930	0.996	15	50.00	10.00	25.00	80.00	120.0			
2,4-Dinitrophenol	1	0	Avg	0.1594	-----	0.0941	0.1729	0.1838	0.1790	0.2005	-----	0.165	7.50	0.995	0.996	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6220	-----	1.6052	1.5477	1.2742	1.1911	1.1552	-----	1.40	7.63	0.985	0.992	15	50.00		25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4188	0.4307	0.4032	0.4101	0.3679	0.3310	0.3585	-----	0.389	7.63	0.991	0.992	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2879	0.2042	0.2485	0.2983	0.2933	0.3102	0.2996	-----	0.277	7.56	0.999	0.999	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.1203	1.2565	1.1743	1.0974	0.9507	0.8395	-----	-----	1.07	7.99	0.982	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0		
4-Chlorophenyl-phenyleth	1	0	Avg	0.6352	-----	0.6840	0.5984	0.5407	0.4960	-----	-----	0.591	8.00	0.991	1.00	13	50.00		25.00	80.00	120.0	160.0		
Diethylphthalate	1	0	Avg	1.5670	1.6264	1.5825	1.5030	1.3270	1.2403	1.2276	-----	1.44	7.88	0.992	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.2715	0.2839	0.2626	0.2737	0.2588	0.2495	0.3003	-----	0.272	8.02	0.982	0.990	6.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1707	-----	0.1358	0.1759	0.1788	0.1572	0.1689	-----	0.165	8.05	0.992	0.992	9.7	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6432	0.6427	0.6625	0.6137	0.5932	0.5419	0.4699	-----	0.595	8.12	0.974	0.999	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.2100	0.2197	0.2115	0.2114	0.2007	0.1836	0.1725	-----	0.201	8.24	0.989	1.00	8.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.1810	1.2122	1.1524	1.2098	1.0833	0.9730	0.8150	-----	1.09	8.16	0.953	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.3192	0.3252	0.3224	0.3117	0.3163	0.2821	0.2494	-----	0.304	8.53	0.977	0.997	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.4350	0.4521	0.4313	0.4222	0.4006	0.3583	0.3172	-----	0.402	8.58	0.986	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.1937	-----	0.1557	0.1972	0.2083	0.2032	0.2026	-----	0.193	8.81	0.999	1.00	9.9*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.1109	1.1788	1.1156	1.0452	0.9593	0.8962	0.8338	-----	1.02	9.04	0.989	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.1175	1.1759	1.1227	1.0386	0.9731	0.9162	0.7681	-----	1.02	9.10	0.969	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	0.9047	0.9500	0.8891	0.8492	0.8103	0.8054	0.7899	-----	0.857	9.30	0.999	1.00	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.7484	1.8809	1.7861	1.6179	1.4645	1.3803	1.2193	-----	1.59	9.75	0.980	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	0.9234	1.0521	0.9288	0.8513	0.8251	0.8286	0.8791	-----	0.898	10.42	0.997	0.998	8.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6610	1.6418	1.8367	1.7629	1.5358	1.3650	1.3983	-----	1.60	10.69	0.987	0.993	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.4156	-----	----	0.4358	0.3924	0.3712	0.3871	-----	0.400	10.61	0.993	0.994	6.3	50.00			80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	1.1076	1.1027	1.2367	1.2198	1.1598	1.0497	1.0581	-----	1.13	10.91	0.994	0.997	6.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.8907	0.8355	0.9681	0.9826	0.8613	0.7892	0.7244	-----	0.865	11.55	0.979	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.4591	0.4792	0.4750	0.3922	0.3574	0.3236	0.3321	-----	0.403	12.19	0.990	0.994	17	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.2921	1.4127	1.3369	1.3142	1.2724	1.1624	1.2067	-----	1.29	12.19	0.997	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.1562	1.2109	1.2057	1.1429	1.1201	1.0698	1.0704	-----	1.14	12.23	0.999	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.3282	1.3676	1.4330	1.4374	1.2257	1.1009	0.9814	-----	1.27	12.32	0.966	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.2441	2.0621	2.3672	2.2624	2.1567	2.1514	1.9393	-----	2.17	13.19	0.992	0.998	6.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.4916	1.6029	1.4337	1.4280	1.4601	1.4384	1.4971	----	1.48	13.58	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.4550	1.3268	1.4864	1.3195	1.3483	1.4082	1.1204	-----	1.35	13.61	0.969	0.984	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.3479	1.3200	1.2989	1.2974	1.3098	1.2762	1.2649	-----	1.30	13.98	1.00	1.00	2.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5838	1.5068	1.5139	1.4220	1.4850	1.4170	1.3482	-----	1.47	15.29	0.996	0.999	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.2824	1.1617	1.2126	1.1515	1.2105	1.1376	1.0452	-----	1.17	15.31	0.991	0.998	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.3104	1.2559	1.2984	1.2333	1.2625	1.1640	1.0839	-----	1.23	15.56	0.991	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 2
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	65895	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	205394	40.00	ng	0.00
35) Acenaphthene-d10	7.41	164	97133	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	125279	40.00	ng	0.00
72) Chrysene-d12	12.20	240	69622	40.00	ng	0.00
81) Perylene-d12	14.05	264	56505	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	99169	54.28	ng	0.00
Spiked Amount 200.000			Recovery = 27.14%			
7) Phenol-d5	4.58	99	126365	55.37	ng	0.00
Spiked Amount 200.000			Recovery = 27.69%			
20) Nitrobenzene-d5	5.30	128	25856	25.52	ng	0.00
Spiked Amount 100.000			Recovery = 25.52%			
40) 2-Fluorobiphenyl	6.78	172	89175	26.81	ng	0.00
Spiked Amount 100.000			Recovery = 26.81%			
62) 2,4,6-Tribromophenol	8.24	332	32896	51.97	ng	0.00
Spiked Amount 200.000			Recovery = 25.99%			
75) Terphenyl-d14	10.91	244	48199	24.22	ng	0.00
Spiked Amount 100.000			Recovery = 24.22%			
Target Compounds						Qvalue
2) Pyridine	2.21	79	132491	48.71	ng	96
3) N-Nitrosodimethylamine	2.16	74	85317	53.73	ng	98
5) Aniline	4.59	93	148850	60.16	ng	40
6) bis(2-Chloroethyl)ether	4.65	93	100631	49.98	ng	90
8) Phenol	4.59	94	134148	53.90	ng	89
9) 2-Chlorophenol	4.68	128	103517	53.50	ng	69
10) 1,3-Dichlorobenzene	4.81	146	113782	52.36	ng	97
11) 1,4-Dichlorobenzene	4.88	146	110597	51.53	ng	96
12) 1,2-Dichlorobenzene	4.99	146	110356	60.88	ng	98
13) Benzyl alcohol	4.98	108	60854	52.92	ng	61
14) bis(2-chloroisopropyl)ethe	5.09	45	287448	58.03	ng	95
15) 2-Methylphenol	5.07	108	91546	62.76	ng	99
16) Hexachloroethane	5.26	117	58587	57.11	ng	78
17) N-Nitroso-di-n-propylamine	5.20	70	89433	53.46	ng	84
18) 3&4-Methylphenol	5.20	108	83182	52.06	ng	99
21) Nitrobenzene	5.32	77	118028	52.26	ng	97
22) Isophorone	5.50	82	197529	47.28	ng	90
23) 2-Nitrophenol	5.56	139	59483	50.01	ng	79
24) 2,4-Dimethylphenol	5.60	107	106851	53.74	ng	98

(#) = qualifier out of range (m) = manual integration

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Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 2
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	Benzoic Acid	5.72	105	22824	54.09	ng	95
26)	bis(2-Chloroethoxy)methane	5.68	93	131145	54.26	ng	99
27)	2,4-Dichlorophenol	5.75	162	82541	48.34	ng	96
28)	1,2,4-Trichlorobenzene	5.81	180	94808	49.77	ng	92
29)	Naphthalene	5.87	128	232109	46.32	ng	99
30)	4-Chloroaniline	5.92	127	105320	53.62	ng	100
31)	Hexachlorobutadiene	5.97	225	67218	52.96	ng	97
32)	4-Chloro-3-methylphenol	6.32	107	87865	49.54	ng	87
33)	2-Methylnaphthalene	6.45	142	162604	51.79	ng	97
34)	Methylnaphthalene(Total)	6.45	142	162604	51.79	ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	96011	56.39	ng	98
37)	Hexachlorocyclopentadiene	6.59	237	70739	56.74	ng	95
38)	2,4,6-Trichlorophenol	6.70	196	63984	52.81	ng	98
39)	2,4,5-Trichlorophenol	6.73	196	64637	55.50	ng	99
41)	2-Chloronaphthalene	6.88	162	145909	52.96	ng	96
42)	2-Nitroaniline	6.99	65	86895	57.49	ng	91
43)	1,4-Dimethylnaphthalene	7.20	156	102512	54.20	ng	93
44)	Dimethylnaphthalene(Total)	7.20	156	102512	54.20	ng	93
45)	Diphenyl Ether	6.96	170	130210	55.11	ng	99
46)	Acenaphthylene	7.28	152	235995	55.62	ng	99
47)	Dimethylphthalate	7.16	163	184644	53.39	ng	100
48)	2,6-Dinitrotoluene	7.22	165	40595	49.41	ng	76
49)	Acenaphthene	7.46	153	149978	54.44	ng	97
50)	3-Nitroaniline	7.38	138	38167	58.95	ng	98
51)	2,4-Dinitrophenol	7.50	184	19364	48.06	ng	88
52)	Dibenzofuran	7.63	168	196941	55.96	ng	98
53)	2,4-Dinitrotoluene	7.63	165	50857	53.72	ng	95
54)	4-Nitrophenol	7.56	65	34958	51.57	ng	97
55)	Fluorene	7.99	166	136034	53.67	ng	97
56)	4-Chlorophenyl-phenylether	8.00	204	77132	53.78	ng	95
57)	Diethylphthalate	7.88	149	190259	54.58	ng	100
58)	4-Nitroaniline	8.02	138	32970	50.46	ng	96
60)	4,6-Dinitro-2-methylphenol	8.05	198	26737	54.88	ng	100
61)	n-Nitrosodiphenylamine	8.12	169	100730	54.09	ng	97
63)	1,2-Diphenylhydrazine	8.16	77	184952	54.26	ng	94
64)	4-Bromophenyl-phenylether	8.53	248	50000	52.69	ng	81
65)	Hexachlorobenzene	8.58	284	68132	54.00	ng	97
66)	Pentachlorophenol	8.81	266	30335	52.87	ng	97
67)	Phenanthrene	9.04	178	173980	54.37	ng	99
68)	Anthracene	9.10	178	175013	55.27	ng	99
69)	Carbazole	9.30	167	141688	52.77	ng	100

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 2
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

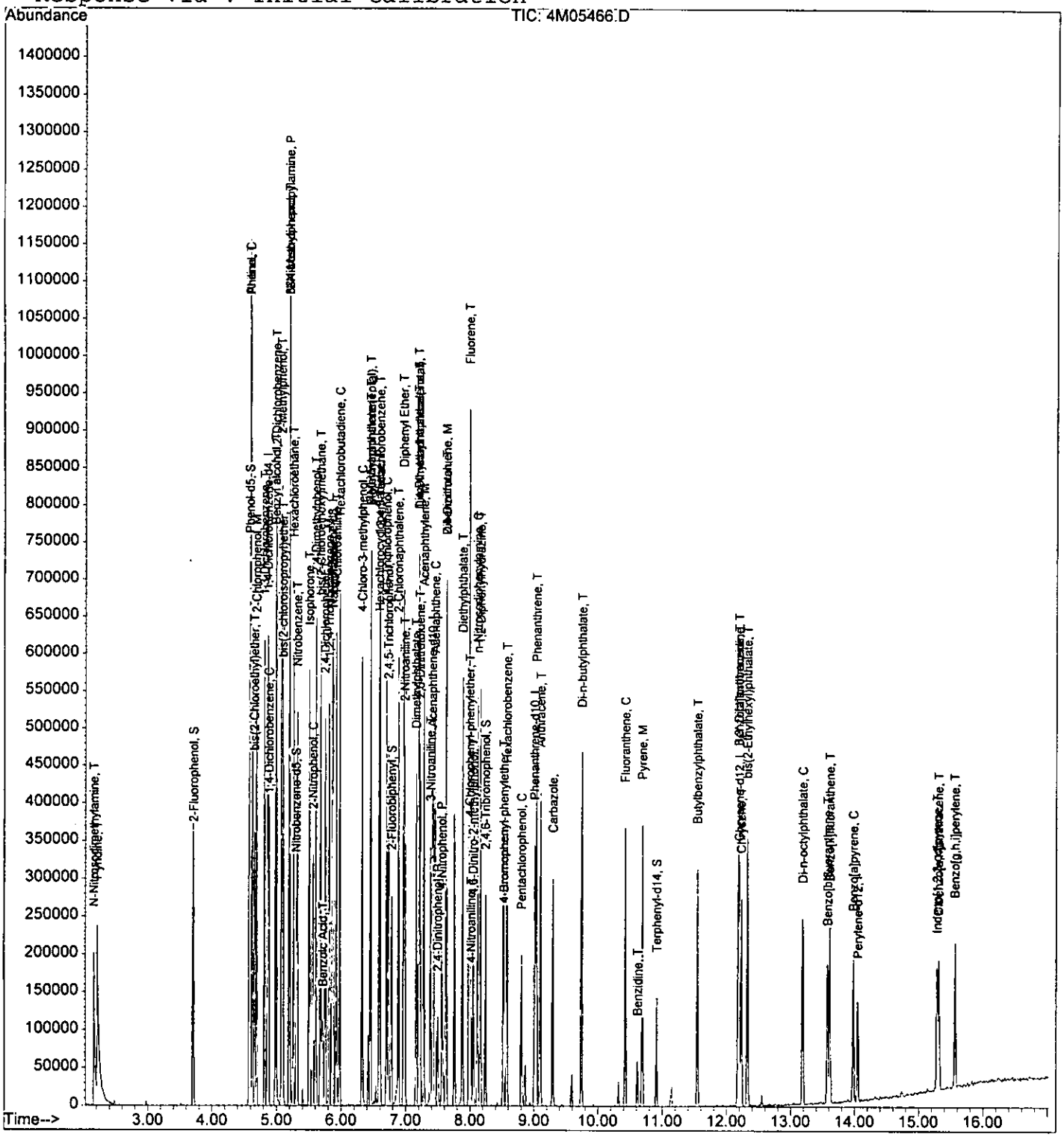
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	273804	55.35	ng	99
71)	Fluoranthene	10.42	202	144610	50.83	ng	99
73)	Pyrene	10.69	202	144553	51.57	ng	93
74)	Benzidine	10.61	184	36176	45.45	ng	97
76)	Butylbenzylphthalate	11.55	149	77518	51.39	ng	93
77)	3,3'-Dichlorobenzidine	12.19	252	39961	56.79	ng	97
78)	Benzo[a]anthracene	12.19	228	112454	49.97	ng	99
79)	Chrysene	12.23	228	100624	50.51	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.32	149	115591	52.29	ng	94
82)	Di-n-octylphthalate	13.19	149	158508	51.57	ng	100
83)	Benzo[b]fluoranthene	13.58	252	105358	49.83	ng	93
84)	Benzo[k]fluoranthene	13.61	252	102773	54.33	ng	97
85)	Benzo[a]pyrene	13.98	252	95204	51.70	ng	96
86)	Indeno[1,2,3-cd]pyrene	15.29	276	111866	54.10	ng	80
87)	Dibenzo[a,h]anthracene	15.31	278	90583	54.86	ng	99
88)	Benzo[g,h,i]perylene	15.56	276	92561	53.28	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 2
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 3
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	57842	40.00 ng	-0.08
19) Naphthalene-d8	5.86	136	155113	40.00 ng	-0.08
35) Acenaphthene-d10	7.41	164	79782	40.00 ng	-0.11
59) Phenanthrene-d10	9.01	188	109338	40.00 ng	-0.12
72) Chrysene-d12	12.20	240	69500	40.00 ng	-0.13
81) Perylene-d12	14.04	264	58179	40.00 ng	-0.14
System Monitoring Compounds					
4) 2-Fluorophenol	3.70	112	15560	9.54 ng	-0.09
Spiked Amount 200.000			Recovery =	4.77%	
7) Phenol-d5	4.57	99	20993	9.67 ng	-0.08
Spiked Amount 200.000			Recovery =	4.84%	
20) Nitrobenzene-d5	5.30	128	3827	4.93 ng	-0.08
Spiked Amount 100.000			Recovery =	4.93%	
40) 2-Fluorobiphenyl	6.77	172	14362	5.62 ng	-0.10
Spiked Amount 100.000			Recovery =	5.62%	
62) 2,4,6-Tribromophenol	8.24	332	6006	12.27 ng	-0.11
Spiked Amount 200.000			Recovery =	6.14%	
75) Terphenyl-d14	10.91	244	9580	4.89 ng	-0.11
Spiked Amount 100.000			Recovery =	4.89%	
Target Compounds					Qvalue
2) Pyridine	2.27	79	17821	8.13 ng	97
3) N-Nitrosodimethylamine	2.19	74	10688	8.06 ng	86
5) Aniline	4.59	93	24387	10.34 ng	37
6) bis(2-Chloroethyl)ether	4.65	93	17930	10.11 ng	97
8) Phenol	4.58	94	23783	10.12 ng	73
9) 2-Chlorophenol	4.68	128	18249	10.14 ng	90
10) 1,3-Dichlorobenzene	4.81	146	20776	10.76 ng	95
11) 1,4-Dichlorobenzene	4.87	146	20020	10.60 ng	98
12) 1,2-Dichlorobenzene	4.99	146	20790	11.22 ng	98
13) Benzyl alcohol	4.98	108	9898	8.83 ng	78
14) bis(2-chloroisopropyl)ethe	5.08	45	47977	11.02 ng	97
15) 2-Methylphenol	5.07	108	15117	10.08 ng	99
16) Hexachloroethane	5.26	117	9778	11.08 ng	65
17) N-Nitroso-di-n-propylamine	5.19	70	16422	10.62 ng	94
18) 3&4-Methylphenol	5.20	108	13642	8.81 ng	97
21) Nitrobenzene	5.31	77	18191	11.25 ng	80
22) Isophorone	5.50	82	33517	10.85 ng	98
23) 2-Nitrophenol	5.55	139	8816	10.54 ng	86
24) 2,4-Dimethylphenol	5.59	107	15756	10.20 ng	91

(#) = qualifier out of range (m) = manual integration

hRB8

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 3
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.67	105	2793	10.41 ng	90
26)	bis(2-Chloroethoxy)methane	5.68	93	19180	10.39 ng	95
27)	2,4-Dichlorophenol	5.75	162	15316	12.07 ng	90
28)	1,2,4-Trichlorobenzene	5.81	180	16944	12.45 ng	94
29)	Naphthalene	5.87	128	45550	13.37 ng	99
30)	4-Chloroaniline	5.92	127	18991	14.34 ng	97
31)	Hexachlorobutadiene	5.97	225	11534	13.21 ng	96
32)	4-Chloro-3-methylphenol	6.32	107	15736	11.12 ng	88
33)	2-Methylnaphthalene	6.45	142	26714	11.20 ng	99
34)	Methylnaphthalene(Total)	6.45	142	26714	11.20 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	16364	12.56 ng	99
37)	Hexachlorocyclopentadiene	6.59	237	8191	8.94 ng	96
38)	2,4,6-Trichlorophenol	6.70	196	11234	11.97 ng	98
39)	2,4,5-Trichlorophenol	6.73	196	10722	11.16 ng	98
41)	2-Chloronaphthalene	6.88	162	25928	11.61 ng	97
42)	2-Nitroaniline	6.97	65	13577	10.27 ng	88
43)	1,4-Dimethylnaphthalene	7.20	156	18950	12.33 ng	98
44)	Dimethylnaphthalene(Total)	7.20	156	18950	12.33 ng	98
45)	Diphenyl Ether	6.96	170	23439	12.02 ng	89
46)	Acenaphthylene	7.27	152	40681	11.86 ng	98
47)	Dimethylphthalate	7.16	163	32951	11.69 ng	99
48)	2,6-Dinitrotoluene	7.21	165	6748	10.05 ng	68
49)	Acenaphthene	7.44	153	26427	11.76 ng	97
50)	3-Nitroaniline	7.37	138	5864	10.02 ng	79
51)	2,4-Dinitrophenol	0.00	184	0	N.D.	
52)	Dibenzofuran	7.62	168	35292	11.91 ng	91
53)	2,4-Dinitrotoluene	7.62	165	8591	9.79 ng	77
54)	4-Nitrophenol	7.56	65	4074	5.42 ng	90
55)	Fluorene	7.98	166	25063	11.50 ng	99
56)	4-Chlorophenyl-phenylether	7.99	204	14222	10.87 ng	83
57)	Diethylphthalate	7.87	149	32440	11.03 ng	97
58)	4-Nitroaniline	8.01	138	5664	7.51 ng	98
60)	4,6-Dinitro-2-methylphenol	8.05	198	2465	6.28 ng	100
61)	n-Nitrosodiphenylamine	8.12	169	17568	12.67 ng	98
63)	1,2-Diphenylhydrazine	8.16	77	33136	13.33 ng	88
64)	4-Bromophenyl-phenylether	8.52	248	8890	12.58 ng	89
65)	Hexachlorobenzene	8.57	284	12360	13.02 ng	78
66)	Pentachlorophenol	8.80	266	3048	5.89 ng	91
67)	Phenanthrene	9.04	178	32223	11.80 ng	98
68)	Anthracene	9.09	178	32144	11.59 ng	99
69)	Carbazole	9.29	167	25969	10.20 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 3
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

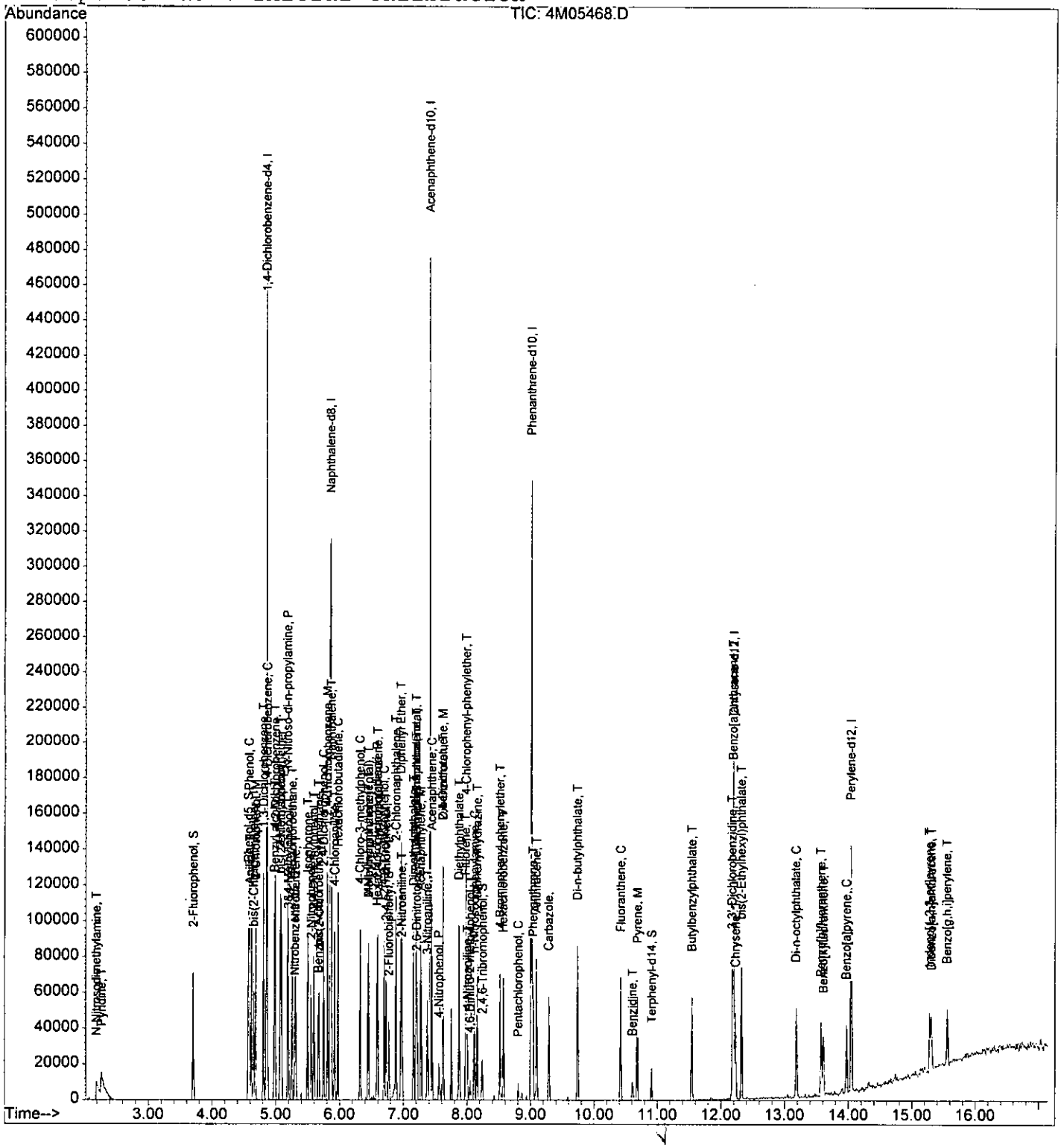
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.74	149	51416	13.81	ng	97
71)	Fluoranthene	10.42	202	28761	10.12	ng	94
73)	Pyrene	10.69	202	28527	10.67	ng	87
74)	Benzidine	10.60	184	9807	13.02	ng	85
76)	Butylbenzylphthalate	11.54	149	14517	11.14	ng	91
77)	3,3'-Dichlorobenzidine	12.18	252	8327	15.84	ng	96
78)	Benzo[a]anthracene	12.19	228	24546	11.25	ng	98
79)	Chrysene	12.23	228	21040	10.80	ng	100
80)	bis(2-Ethylhexyl)phthalate	12.32	149	23762	14.02	ng	98
82)	Di-n-octylphthalate	13.18	149	29994	9.41	ng	99
83)	Benzo[b]fluoranthene	13.57	252	23314	9.63	ng	96
84)	Benzo[k]fluoranthene	13.61	252	19298	9.21	ng	97
85)	Benzo[a]pyrene	13.97	252	19199	9.65	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.28	276	21917	12.15	ng	90
87)	Dibenzo[a,h]anthracene	15.31	278	16898	11.44	ng	95
88)	Benzo[g,h,i]perylene	15.55	276	18267	12.68	ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 3
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 4
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.85	152	58066	40.00	ng	-0.09
19) Naphthalene-d8	5.86	136	185861	40.00	ng	-0.09
35) Acenaphthene-d10	7.42	164	93020	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	119103	40.00	ng	-0.12
72) Chrysene-d12	12.19	240	60941	40.00	ng	-0.14
81) Perylene-d12	14.05	264	50092	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	45851	27.99	ng	-0.09
Spiked Amount 200.000			Recovery = 14.00%			
7) Phenol-d5	4.57	99	56929	26.11	ng	-0.09
Spiked Amount 200.000			Recovery = 13.06%			
20) Nitrobenzene-d5	5.30	128	10498	11.28	ng	-0.08
Spiked Amount 100.000			Recovery = 11.28%			
40) 2-Fluorobiphenyl	6.78	172	44766	15.02	ng	-0.10
Spiked Amount 100.000			Recovery = 15.02%			
62) 2,4,6-Tribromophenol	8.24	332	15750	29.54	ng	-0.12
Spiked Amount 200.000			Recovery = 14.77%			
75) Terphenyl-d14	10.91	244	23553	13.72	ng	-0.12
Spiked Amount 100.000			Recovery = 13.72%			
Target Compounds						Qvalue
2) Pyridine	2.22	79	69141	31.44	ng	94
3) N-Nitrosodimethylamine	2.16	74	32792	24.64	ng	97
5) Aniline	4.59	93	76612	32.35	ng	50
6) bis(2-Chloroethyl)ether	4.65	93	47508	26.68	ng	87
8) Phenol	4.59	94	67318	28.53	ng	73
9) 2-Chlorophenol	4.68	128	47800	26.47	ng	62
10) 1,3-Dichlorobenzene	4.81	146	56256	29.02	ng	98
11) 1,4-Dichlorobenzene	4.87	146	57554	30.35	ng	98
12) 1,2-Dichlorobenzene	4.99	146	52817	28.40	ng	93
13) Benzyl alcohol	4.98	108	29482	26.20	ng	62
14) bis(2-chloroisopropyl)ethe	5.09	45	123007	28.15	ng	97
15) 2-Methylphenol	5.07	108	41464	27.53	ng	99
16) Hexachloroethane	5.25	117	27258	30.78	ng	95
17) N-Nitroso-di-n-propylamine	5.19	70	42395	27.31	ng	87
18) 3&4-Methylphenol	5.19	108	43395	27.93	ng	100
21) Nitrobenzene	5.31	77	57464	29.66	ng	95
22) Isophorone	5.50	82	93657	25.30	ng	91
23) 2-Nitrophenol	5.56	139	28397	28.33	ng	87
24) 2,4-Dimethylphenol	5.60	107	50739	27.40	ng	96

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File . G.\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 4
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809 RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.68	105	10799	33.58 ng	93
26) bis(2-Chloroethoxy)methane	5.67	93	61305	27.72 ng	98
27) 2,4-Dichlorophenol	5.75	162	37619	24.74 ng	85
28) 1,2,4-Trichlorobenzene	5.81	180	45428	27.85 ng	94
29) Naphthalene	5.88	128	116069	28.43 ng	99
30) 4-Chloroaniline	5.92	127	53225	33.53 ng	100
31) Hexachlorobutadiene	5.97	225	28207	26.95 ng	94
32) 4-Chloro-3-methylphenol	6.32	107	38334	22.61 ng	81
33) 2-Methylnaphthalene	6.45	142	76269	26.70 ng	98
34) Methylnaphthalene(Total)	6.45	142	76269	26.70 ng	98
36) 1,2,4,5-Tetrachlorobenzene	6.59	216	46080	30.34 ng	98
37) Hexachlorocyclopentadiene	6.58	237	28507	26.69 ng	99
38) 2,4,6-Trichlorophenol	6.69	196	27713	25.33 ng	99
39) 2,4,5-Trichlorophenol	6.73	196	31892	28.46 ng	99
41) 2-Chloronaphthalene	6.89	162	72428	27.81 ng	94
42) 2-Nitroaniline	6.98	65	38457	24.94 ng	89
43) 1,4-Dimethylnaphthalene	7.19	156	48823	27.26 ng	85
44) Dimethylnaphthalene(Total)	7.19	156	48823	27.26 ng	85
45) Diphenyl Ether	6.97	170	63208	27.81 ng	79
46) Acenaphthylene	7.28	152	109986	27.51 ng	99
47) Dimethylphthalate	7.15	163	84762	25.79 ng	98
48) 2,6-Dinitrotoluene	7.22	165	20190	25.80 ng	79
49) Acenaphthene	7.45	153	72500	27.67 ng	99
50) 3-Nitroaniline	7.38	138	19223	28.16 ng	95
51) 2,4-Dinitrophenol	7.49	184	5474	12.34 ng	67
52) Dibenzofuran	7.62	168	93327	27.02 ng	92
53) 2,4-Dinitrotoluene	7.62	165	23441	22.91 ng	89
54) 4-Nitrophenol	7.55	65	14448	16.47 ng	94
55) Fluorene	7.98	166	68272	26.88 ng	96
56) 4-Chlorophenyl-phenylether	7.99	204	39769	26.08 ng	99
57) Diethylphthalate	7.88	149	92007	26.84 ng	99
58) 4-Nitroaniline	8.00	138	15267	17.37 ng	75
60) 4,6-Dinitro-2-methylphenol	8.04	198	10115	23.67 ng	100
61) n-Nitrosodiphenylamine	8.11	169	49317	32.64 ng	97
63) 1,2-Diphenylhydrazine	8.16	77	85787	31.68 ng	98
64) 4-Bromophenyl-phenylether	8.52	248	24004	31.18 ng	87
65) Hexachlorobenzene	8.58	284	32106	31.05 ng	87
66) Pentachlorophenol	8.80	266	11593	20.58 ng	97
67) Phenanthrene	9.04	178	83047	27.91 ng	100
68) Anthracene	9.10	178	83573	27.66 ng	97
69) Carbazole	9.29	167	66185	23.87 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 4
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

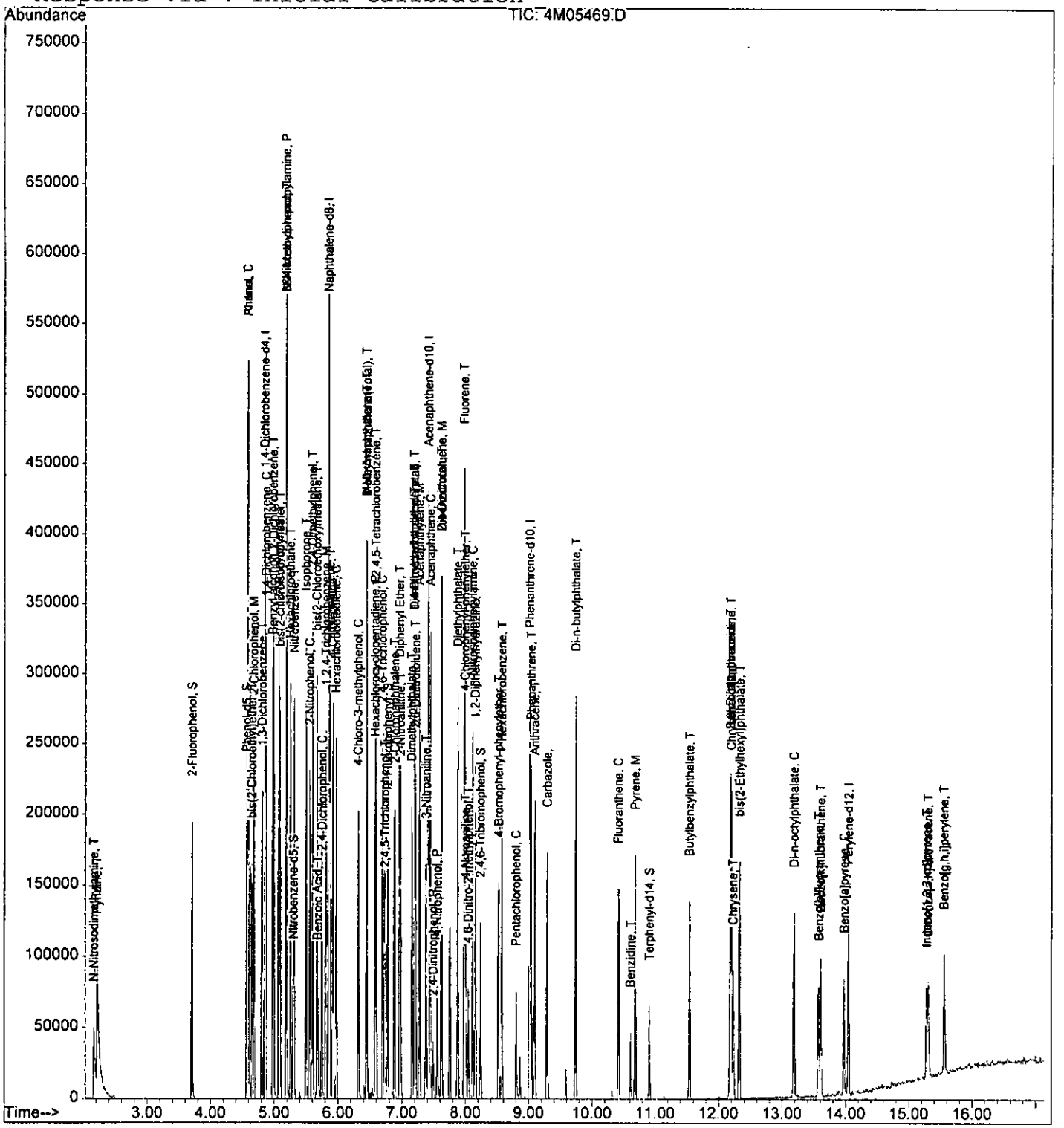
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.74	149	132961	32.79	ng	99
71)	Fluoranthene	10.42	202	69140	22.34	ng	96
73)	Pyrene	10.68	202	69960	29.85	ng	97
74)	Benzidine	10.61	184	21664	32.79	ng	98
76)	Butylbenzylphthalate	11.54	149	36876	32.27	ng	96
77)	3,3'-Dichlorobenzidine	12.18	252	18095	39.26	ng	96
78)	Benzo[a]anthracene	12.18	228	50921	26.62	ng	98
79)	Chrysene	12.23	228	45926	26.88	ng	97
80)	bis(2-Ethylhexyl)phthalate	12.33	149	54582	36.73	ng	92
82)	Di-n-octylphthalate	13.19	149	74113	27.01	ng	100
83)	Benzo[b]fluoranthene	13.57	252	44888	21.54	ng	93
84)	Benzo[k]fluoranthene	13.61	252	46536	25.79	ng	99
85)	Benzo[a]pyrene	13.97	252	40666	23.74	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.28	276	47399	30.51	ng	76
87)	Dibenzo[a,h]anthracene	15.30	278	37964	29.84	ng	99
88)	Benzo[g,h,i]perylene	15.56	276	40651	32.78	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 4
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	63891	40.00	ng	-0.08
19) Naphthalene-d8	5.86	136	191407	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	96325	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	129548	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	63995	40.00	ng	-0.13
81) Perylene-d12	14.04	264	54570	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	149827	83.14	ng	-0.08
Spiked Amount 200.000			Recovery = 41.57%			
7) Phenol-d5	4.58	99	188197	78.45	ng	-0.07
Spiked Amount 200.000			Recovery = 39.23%			
20) Nitrobenzene-d5	5.30	128	37865	39.52	ng	-0.08
Spiked Amount 100.000			Recovery = 39.52%			
40) 2-Fluorobiphenyl	6.77	172	134986	43.73	ng	-0.10
Spiked Amount 100.000			Recovery = 43.73%			
62) 2,4,6-Tribromophenol	8.24	332	54792	94.49	ng	-0.11
Spiked Amount 200.000			Recovery = 47.25%			
75) Terphenyl-d14	10.91	244	78065	43.30	ng	-0.11
Spiked Amount 100.000			Recovery = 43.30%			
Target Compounds						Qvalue
2) Pyridine	2.21	79	227846	94.15	ng	96
3) N-Nitrosodimethylamine	2.17	74	126379	86.30	ng	99
5) Aniline	4.59	93	202304	77.63	ng	36
6) bis(2-Chloroethyl)ether	4.67	93	149382	76.25	ng	82
8) Phenol	4.59	94	209274	80.62	ng	97
9) 2-Chlorophenol	4.69	128	153130	77.06	ng	69
10) 1,3-Dichlorobenzene	4.81	146	169061	79.27	ng	99
11) 1,4-Dichlorobenzene	4.88	146	167649	80.35	ng	97
12) 1,2-Dichlorobenzene	4.99	146	156528	76.49	ng	99
13) Benzyl alcohol	4.98	108	86126	69.55	ng	66
14) bis(2-chloroisopropyl)ethe	5.10	45	404190	84.05	ng	97
15) 2-Methylphenol	5.08	108	125970	76.01	ng	99
16) Hexachloroethane	5.26	117	83702	85.89	ng	67
17) N-Nitroso-di-n-propylamine	5.20	70	126526	74.06	ng	92
18) 3&4-Methylphenol	5.20	108	109490	64.04	ng	99
21) Nitrobenzene	5.32	77	182299	91.36	ng	94
22) Isophorone	5.50	82	303750	79.67	ng	92
23) 2-Nitrophenol	5.57	139	88430	85.66	ng	78
24) 2,4-Dimethylphenol	5.61	107	161690	84.79	ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	Benzoic Acid	5.73	105	34392	103.86	ng	96
26)	bis(2-Chloroethoxy)methane	5.68	93	193125	84.79	ng	98
27)	2,4-Dichlorophenol	5.75	162	127472	81.39	ng	96
28)	1,2,4-Trichlorobenzene	5.81	180	136861	81.48	ng	93
29)	Naphthalene	5.87	128	343596	81.72	ng	99
30)	4-Chloroaniline	5.92	127	150599	92.12	ng	100
31)	Hexachlorobutadiene	5.97	225	96865	89.88	ng	97
32)	4-Chloro-3-methylphenol	6.32	107	132759	76.03	ng	92
33)	2-Methylnaphthalene	6.46	142	240663	81.80	ng	97
34)	Methylnaphthalene(Total)	6.46	142	240663	81.80	ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	140205	89.16	ng	96
37)	Hexachlorocyclopentadiene	6.59	237	111435	100.75	ng	97
38)	2,4,6-Trichlorophenol	6.70	196	100668	88.87	ng	99
39)	2,4,5-Trichlorophenol	6.73	196	93304	80.41	ng	97
41)	2-Chloronaphthalene	6.88	162	224168	83.11	ng	97
42)	2-Nitroaniline	6.99	65	130862	81.95	ng	84
43)	1,4-Dimethylnaphthalene	7.20	156	155549	83.86	ng	94
44)	Dimethylnaphthalene(Total)	7.20	156	155549	83.86	ng	94
45)	Diphenyl Ether	6.97	170	191706	81.46	ng	95
46)	Acenaphthylene	7.28	152	370475	89.49	ng	99
47)	Dimethylphthalate	7.16	163	276234	81.15	ng	99
48)	2,6-Dinitrotoluene	7.22	165	64001	78.98	ng	80
49)	Acenaphthene	7.45	153	225150	82.97	ng	100
50)	3-Nitroaniline	7.39	138	57535	81.40	ng	97
51)	2,4-Dinitrophenol	7.50	184	33325	72.52	ng	96
52)	Dibenzofuran	7.63	168	298169	83.36	ng	97
53)	2,4-Dinitrotoluene	7.63	165	79022	74.57	ng	97
54)	4-Nitrophenol	7.56	65	57468	63.28	ng	94
55)	Fluorene	7.99	166	211423	80.38	ng	99
56)	4-Chlorophenyl-phenylether	7.99	204	115290	73.01	ng	82
57)	Diethylphthalate	7.89	149	289563	81.58	ng	99
58)	4-Nitroaniline	8.02	138	52745	57.95	ng	89
60)	4,6-Dinitro-2-methylphenol	8.05	198	45578	98.05	ng	100
61)	n-Nitrosodiphenylamine	8.12	169	159019	96.77	ng	99
63)	1,2-Diphenylhydrazine	8.16	77	313478	106.41	ng	91
64)	4-Bromophenyl-phenylether	8.52	248	80767	96.44	ng	92
65)	Hexachlorobenzene	8.58	284	109414	97.27	ng	98
66)	Pentachlorophenol	8.81	266	51106	83.39	ng	98
67)	Phenanthrene	9.04	178	270831	83.69	ng	99
68)	Anthracene	9.10	178	269109	81.90	ng	99
69)	Carbazole	9.30	167	220037	72.96	ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

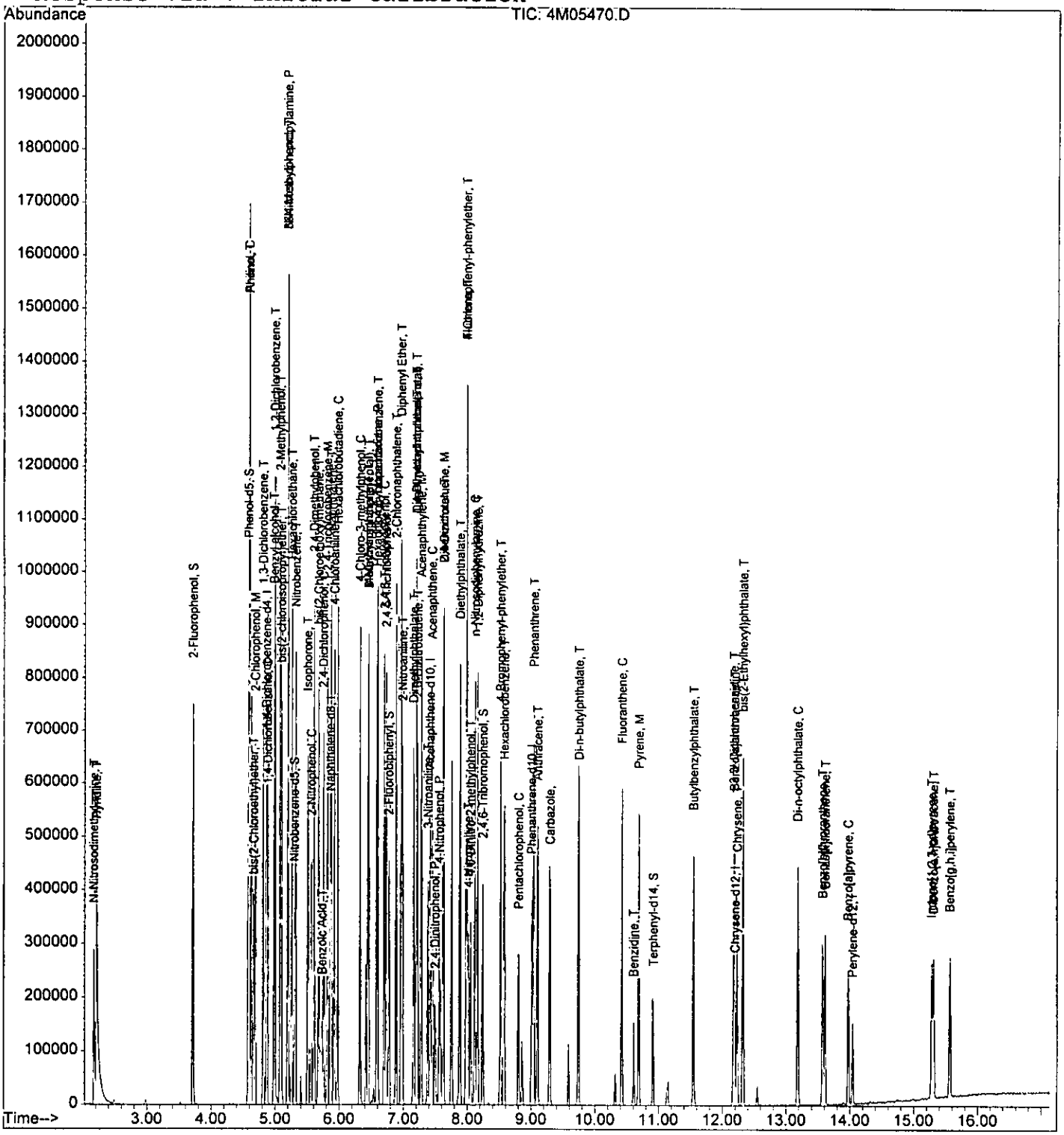
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	419192	95.04	ng	99
71)	Fluoranthene	10.42	202	220577	65.53	ng	97
73)	Pyrene	10.69	202	225642	91.67	ng	87
74)	Benzidine	10.61	184	55788	80.41	ng	94
76)	Butylbenzylphthalate	11.55	149	125766	104.81	ng	86
77)	3,3'-Dichlorobenzidine	12.18	252	50202	103.72	ng	99
78)	Benzo[a]anthracene	12.19	228	168205	83.74	ng	98
79)	Chrysene	12.23	228	146280	81.53	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.32	149	183981	117.88	ng	97
82)	Di-n-octylphthalate	13.18	149	246925	82.60	ng	100
83)	Benzo[b]fluoranthene	13.57	252	155855	68.66	ng	98
84)	Benzo[k]fluoranthene	13.61	252	144011	73.25	ng	99
85)	Benzo[a]pyrene	13.97	252	141601	75.89	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.28	276	155199	91.69	ng	88
87)	Dibenzo[a,h]anthracene	15.31	278	125677	90.67	ng	97
88)	Benzo[g,h,i]perylene	15.57	276	134612	99.64	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 6
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	69975	40.00	ng	-0.08
19) Naphthalene-d8	5.86	136	204062	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	102735	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	134649	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	70467	40.00	ng	-0.13
81) Perylene-d12	14.04	264	57724	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	224196	113.59	ng	-0.08
Spiked Amount 200.000			Recovery = 56.80%			
7) Phenol-d5	4.58	99	263175	100.16	ng	-0.07
Spiked Amount 200.000			Recovery = 50.08%			
20) Nitrobenzene-d5	5.30	128	59289	58.04	ng	-0.08
Spiked Amount 100.000			Recovery = 58.04%			
40) 2-Fluorobiphenyl	6.78	172	209271	63.57	ng	-0.09
Spiked Amount 100.000			Recovery = 63.57%			
62) 2,4,6-Tribromophenol	8.25	332	81107	134.58	ng	-0.11
Spiked Amount 200.000			Recovery = 67.29%			
75) Terphenyl-d14	10.91	244	122594	61.75	ng	-0.11
Spiked Amount 100.000			Recovery = 61.75%			
Target Compounds						Qvalue
2) Pyridine	2.21	79	364618	137.57	ng	94
3) N-Nitrosodimethylamine	2.18	74	217206	135.43	ng	96
5) Aniline	4.59	93	294660	103.24	ng	47
6) bis(2-Chloroethyl)ether	4.67	93	251875	117.39	ng	92
8) Phenol	4.59	94	270271	95.06	ng	83
9) 2-Chlorophenol	4.70	128	233826	107.43	ng	95
10) 1,3-Dichlorobenzene	4.81	146	237169	101.53	ng	99
11) 1,4-Dichlorobenzene	4.87	146	244237	106.88	ng	98
12) 1,2-Dichlorobenzene	4.99	146	208179	92.89	ng	98
13) Benzyl alcohol	4.98	108	136166	100.40	ng	69
14) bis(2-chloroisopropyl)ethe	5.10	45	594549	112.89	ng	96
15) 2-Methylphenol	5.08	108	166398	91.68	ng	100
16) Hexachloroethane	5.26	117	119878	112.32	ng	58
17) N-Nitroso-di-n-propylamine	5.20	70	199105	106.42	ng	94
18) 3&4-Methylphenol	5.21	108	191077	102.04	ng	100
21) Nitrobenzene	5.32	77	254420	119.60	ng	90
22) Isophorone	5.52	82	485294	119.40	ng	98
23) 2-Nitrophenol	5.57	139	142444	129.43	ng	86
24) 2,4-Dimethylphenol	5.61	107	215834	106.17	ng	93

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 6
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.75	105	45944	130.14 ng	96
26)	bis(2-Chloroethoxy)methane	5.68	93	260675	107.35 ng	100
27)	2,4-Dichlorophenol	5.76	162	191482	114.68 ng	89
28)	1,2,4-Trichlorobenzene	5.81	180	215065	120.10 ng	96
29)	Naphthalene	5.88	128	527298	117.63 ng	99
30)	4-Chloroaniline	5.92	127	196505	112.75 ng	100
31)	Hexachlorobutadiene	5.98	225	143372	124.78 ng	98
32)	4-Chloro-3-methylphenol	6.32	107	194269	104.35 ng	89
33)	2-Methylnaphthalene	6.46	142	358274	114.22 ng	99
34)	Methylnaphthalene(Total)	6.46	142	358274	114.22 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	195681	116.67 ng	97
37)	Hexachlorocyclopentadiene	6.59	237	176613	149.71 ng	97
38)	2,4,6-Trichlorophenol	6.70	196	150709	124.74 ng	100
39)	2,4,5-Trichlorophenol	6.73	196	137257	110.90 ng	96
41)	2-Chloronaphthalene	6.89	162	338610	117.70 ng	97
42)	2-Nitroaniline	6.99	65	178913	105.05 ng	96
43)	1,4-Dimethylnaphthalene	7.20	156	221507	111.96 ng	90
44)	Dimethylnaphthalene(Total)	7.20	156	221507	111.96 ng	90
45)	Diphenyl Ether	6.97	170	284997	113.54 ng	99
46)	Acenaphthylene	7.28	152	502927	113.90 ng	97
47)	Dimethylphthalate	7.17	163	434216	119.61 ng	100
48)	2,6-Dinitrotoluene	7.23	165	104375	120.76 ng	89
49)	Acenaphthene	7.46	153	331041	114.39 ng	97
50)	3-Nitroaniline	7.39	138	67740	89.86 ng	93
51)	2,4-Dinitrophenol	7.50	184	56648	115.58 ng	91
52)	Dibenzofuran	7.63	168	392722	102.95 ng	91
53)	2,4-Dinitrotoluene	7.63	165	113398	100.33 ng	76
54)	4-Nitrophenol	7.56	65	90417	93.35 ng	97
55)	Fluorene	7.99	166	293022	104.45 ng	99
56)	4-Chlorophenyl-phenylether	8.00	204	166663	98.96 ng	95
57)	Diethylphthalate	7.89	149	408995	108.04 ng	98
58)	4-Nitroaniline	8.02	138	79792	82.20 ng	81
60)	4,6-Dinitro-2-methylphenol	8.06	198	72232	149.51 ng	100
61)	n-Nitrosodiphenylamine	8.12	169	239634	140.31 ng	100
63)	1,2-Diphenylhydrazine	8.16	77	437627	142.93 ng	93
64)	4-Bromophenyl-phenylether	8.53	248	127798	146.82 ng	84
65)	Hexachlorobenzene	8.58	284	161828	138.42 ng	91
66)	Pentachlorophenol	8.81	266	84159	132.13 ng	97
67)	Phenanthrene	9.04	178	387516	115.21 ng	99
68)	Anthracene	9.10	178	393105	115.10 ng	99
69)	Carbazole	9.30	167	327329	104.43 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 6
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

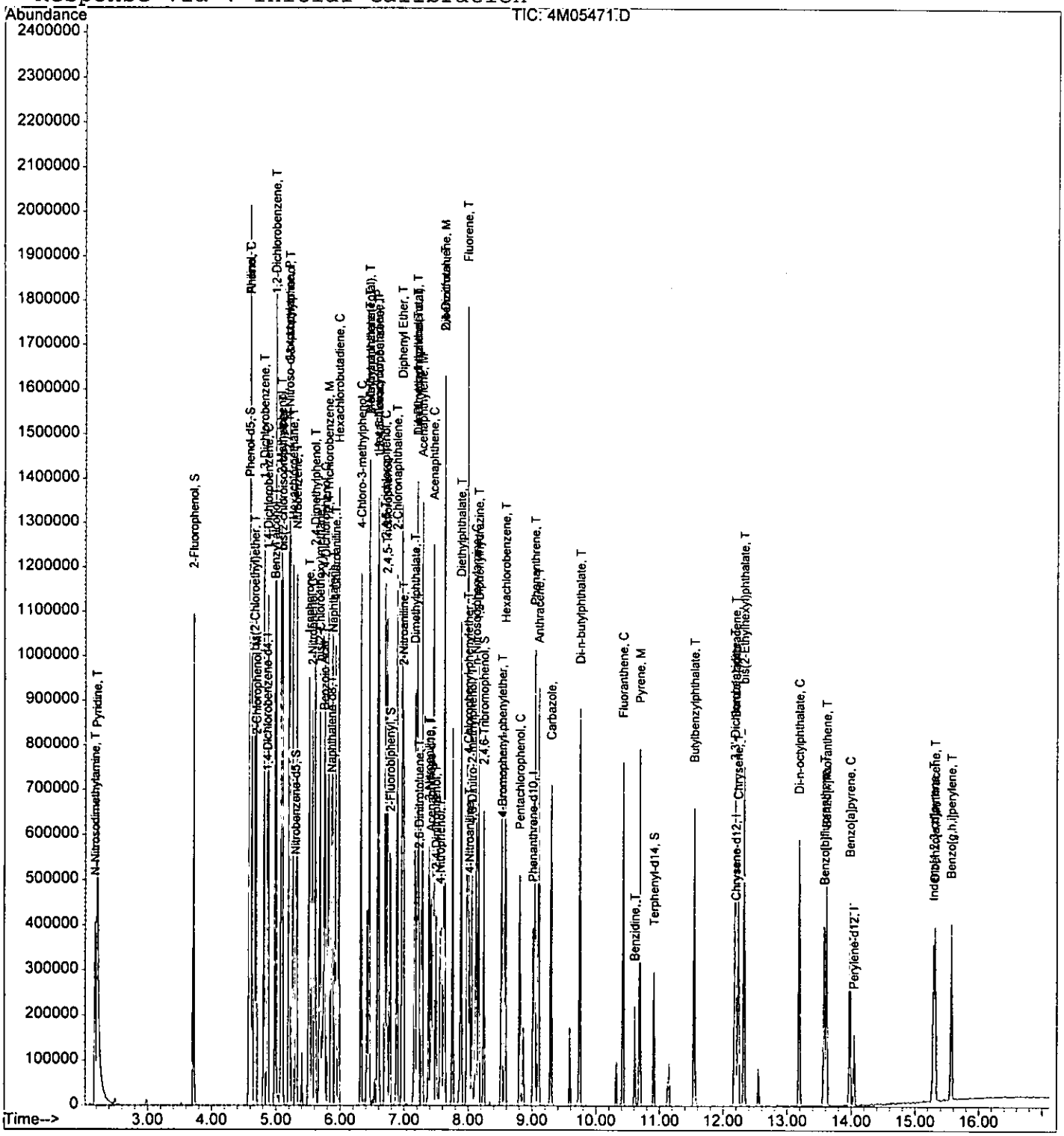
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	591601	129.05	ng	99
71)	Fluoranthene	10.42	202	333332	95.27	ng	98
73)	Pyrene	10.69	202	324685	119.80	ng	92
74)	Benzidine	10.61	184	82958	108.59	ng	95
76)	Butylbenzylphthalate	11.55	149	182092	137.82	ng	89
77)	3,3'-Dichlorobenzidine	12.18	252	75555	141.77	ng	98
78)	Benzo[a]anthracene	12.19	228	268999	121.62	ng	99
79)	Chrysene	12.23	228	236801	119.86	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.32	149	259123	150.78	ng	95
82)	Di-n-octylphthalate	13.18	149	373489	118.12	ng	99
83)	Benzo[b]fluoranthene	13.58	252	252856	105.30	ng	94
84)	Benzo[k]fluoranthene	13.61	252	233490	112.28	ng	97
85)	Benzo[a]pyrene	13.98	252	226820	114.91	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.29	276	257172	143.64	ng	78
87)	Dibenzo[a,h]anthracene	15.31	278	209635	142.98	ng	99
88)	Benzo[g,h,i]perylene	15.57	276	218635	152.99	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 6
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	64865	40.00	ng	-0.08
19) Naphthalene-d8	5.87	136	188371	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	102778	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	139990	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	82110	40.00	ng	-0.13
81) Perylene-d12	14.05	264	62808	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	274150	149.84	ng	-0.08
Spiked Amount 200.000			Recovery = 74.92%			
7) Phenol-d5	4.59	99	321942	132.18	ng	-0.07
Spiked Amount 200.000			Recovery = 66.09%			
20) Nitrobenzene-d5	5.30	128	72958	77.37	ng	-0.08
Spiked Amount 100.000			Recovery = 77.37%			
40) 2-Fluorobiphenyl	6.79	172	255294	77.52	ng	-0.09
Spiked Amount 100.000			Recovery = 77.52%			
62) 2,4,6-Tribromophenol	8.25	332	102825	164.10	ng	-0.11
Spiked Amount 200.000			Recovery = 82.05%			
75) Terphenyl-d14	10.91	244	172381	74.52	ng	-0.12
Spiked Amount 100.000			Recovery = 74.52%			
Target Compounds						Qvalue
2) Pyridine	2.23	79	400319	162.94	ng	97
3) N-Nitrosodimethylamine	2.20	74	259207	174.35	ng	95
5) Aniline	4.60	93	347972	131.53	ng	40
6) bis(2-Chloroethyl)ether	4.67	93	300662	151.17	ng	94
8) Phenol	4.61	94	336727	127.76	ng	90
9) 2-Chlorophenol	4.69	128	274121	135.87	ng	75
10) 1,3-Dichlorobenzene	4.81	146	291245	134.51	ng	98
11) 1,4-Dichlorobenzene	4.87	146	294253	138.91	ng	98
12) 1,2-Dichlorobenzene	5.00	146	250039	120.36	ng	98
13) Benzyl alcohol	5.00	108	161902	128.78	ng	75
14) bis(2-chloroisopropyl)ethe	5.09	45	705162	144.44	ng	98
15) 2-Methylphenol	5.08	108	201311	119.65	ng	98
16) Hexachloroethane	5.26	117	145697	147.27	ng	55
17) N-Nitroso-di-n-propylamine	5.21	70	239604	138.15	ng	90
18) 3&4-Methylphenol	5.21	108	227399	131.01	ng	100
21) Nitrobenzene	5.32	77	301750	153.67	ng	89
22) Isophorone	5.52	82	607868	162.01	ng	99
23) 2-Nitrophenol	5.57	139	187044	184.11	ng	83
24) 2,4-Dimethylphenol	5.61	107	271075	144.45	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.75	105	50064	153.62 ng	99
26)	bis(2-Chloroethoxy)methane	5.68	93	315957	140.95 ng	99
27)	2,4-Dichlorophenol	5.76	162	227435	147.56 ng	92
28)	1,2,4-Trichlorobenzene	5.81	180	247688	149.84 ng	94
29)	Naphthalene	5.88	128	632230	152.79 ng	99
30)	4-Chloroaniline	5.93	127	222862	138.53 ng	99
31)	Hexachlorobutadiene	5.98	225	173935	163.99 ng	98
32)	4-Chloro-3-methylphenol	6.33	107	237662	138.30 ng	88
33)	2-Methylnaphthalene	6.46	142	422520	145.92 ng	99
34)	Methylnaphthalene(Total)	6.46	142	422520	145.92 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	239166	142.54 ng	98
37)	Hexachlorocyclopentadiene	6.59	237	206766	175.20 ng	99
38)	2,4,6-Trichlorophenol	6.70	196	195226	161.52 ng	99
39)	2,4,5-Trichlorophenol	6.73	196	160366	129.52 ng	97
41)	2-Chloronaphthalene	6.89	162	397792	138.21 ng	96
42)	2-Nitroaniline	6.99	65	216142	126.85 ng	97
43)	1,4-Dimethylnaphthalene	7.21	156	265194	133.99 ng	92
44)	Dimethylnaphthalene(Total)	7.21	156	265194	133.99 ng	92
45)	Diphenyl Ether	6.97	170	329014	131.03 ng	95
46)	Acenaphthylene	7.29	152	601938	136.27 ng	98
47)	Dimethylphthalate	7.17	163	520385	143.28 ng	99
48)	2,6-Dinitrotoluene	7.24	165	134852	155.96 ng	95
49)	Acenaphthene	7.46	153	410460	141.77 ng	100
50)	3-Nitroaniline	7.39	138	80892	107.26 ng	88
51)	2,4-Dinitrophenol	7.50	184	73623	150.15 ng	85
52)	Dibenzofuran	7.63	168	489690	128.31 ng	89
53)	2,4-Dinitrotoluene	7.63	165	136086	120.35 ng	69
54)	4-Nitrophenol	7.57	65	127534	131.62 ng	93
55)	Fluorene	7.99	166	345128	122.97 ng	99
56)	4-Chlorophenyl-phenylether	8.00	204	203935	121.04 ng	94
57)	Diethylphthalate	7.89	149	509931	134.65 ng	98
58)	4-Nitroaniline	8.03	138	102587	105.64 ng	81
60)	4,6-Dinitro-2-methylphenol	8.06	198	88066	175.33 ng	100
61)	n-Nitrosodiphenylamine	8.14	169	303475	170.91 ng	97
63)	1,2-Diphenylhydrazine	8.17	77	544862	171.16 ng	93
64)	4-Bromophenyl-phenylether	8.53	248	158014	174.61 ng	83
65)	Hexachlorobenzene	8.59	284	200652	165.08 ng	93
66)	Pentachlorophenol	8.81	266	113798	171.84 ng	97
67)	Phenanthrene	9.05	178	501853	143.52 ng	100
68)	Anthracene	9.11	178	513058	144.50 ng	99
69)	Carbazole	9.30	167	451008	138.39 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

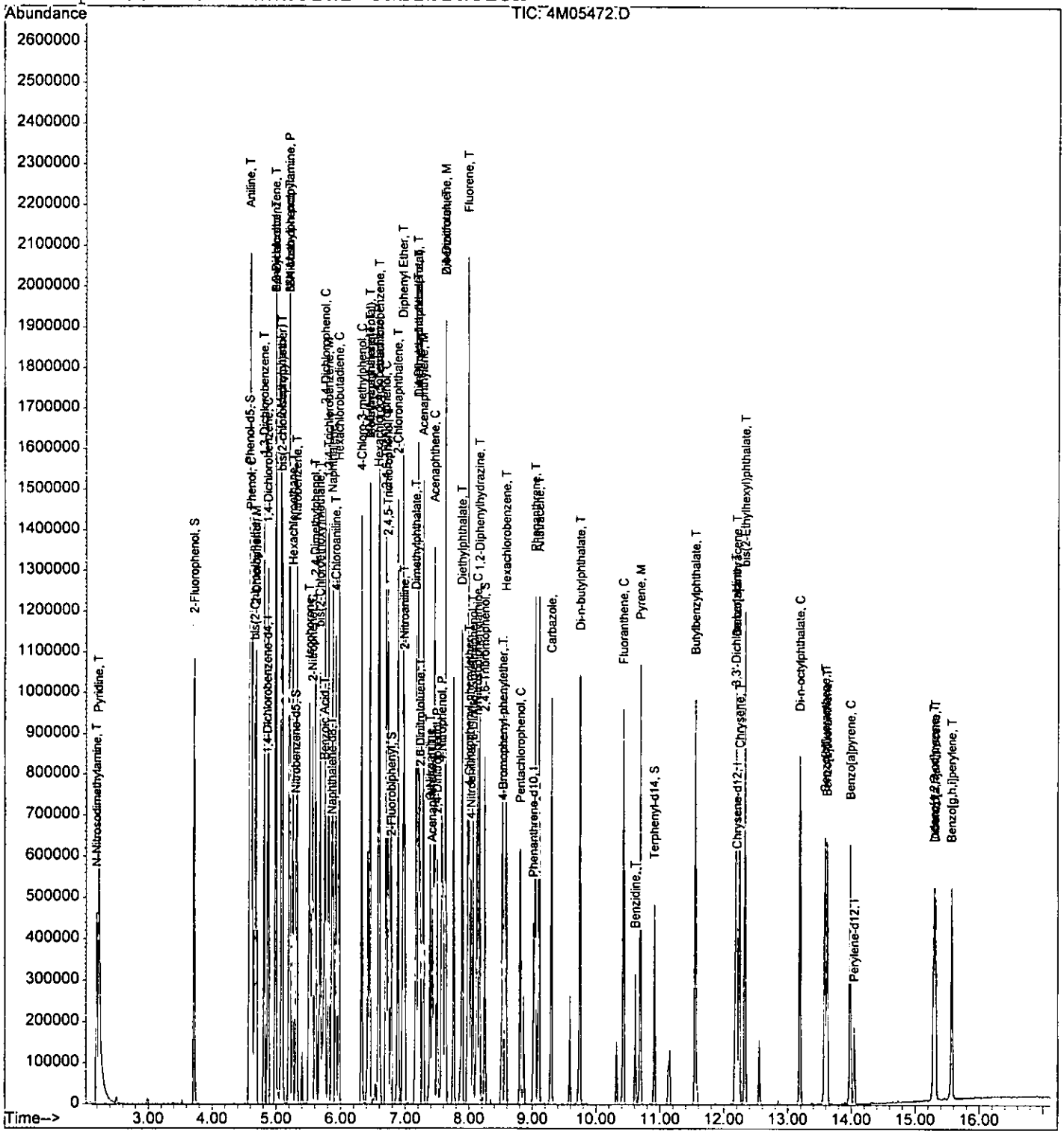
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	772940	162.17	ng	99
71)	Fluoranthene	10.43	202	463983	127.56	ng	99
73)	Pyrene	10.69	202	448334	141.96	ng	94
74)	Benzidine	10.61	184	121945	136.99	ng	97
76)	Butylbenzylphthalate	11.55	149	259226	168.38	ng	89
77)	3,3'-Dichlorobenzidine	12.18	252	106291	171.16	ng	98
78)	Benzo[a]anthracene	12.19	228	381804	148.15	ng	100
79)	Chrysene	12.25	228	351379	152.63	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.33	149	361599	180.58	ng	97
82)	Di-n-octylphthalate	13.19	149	540523	157.11	ng	99
83)	Benzo[b]fluoranthene	13.59	252	361376	138.31	ng	95
84)	Benzo[k]fluoranthene	13.62	252	353798	156.36	ng	97
85)	Benzo[a]pyrene	13.98	252	320644	149.30	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.29	276	356014	182.75	ng	79
87)	Dibenzo[a,h]anthracene	15.31	278	285821	179.16	ng	99
88)	Benzo[g,h,i]perylene	15.57	276	292443	188.07	ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	61752	40.00	ng	-0.07
19) Naphthalene-d8	5.86	136	196967	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	108306	40.00	ng	-0.10
59) Phenanthrene-d10	9.02	188	172040	40.00	ng	-0.11
72) Chrysene-d12	12.21	240	106702	40.00	ng	-0.12
81) Perylene-d12	14.05	264	91205	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	291975	167.62	ng	-0.08
Spiked Amount 200.000			Recovery = 83.81%			
7) Phenol-d5	4.59	99	387571	167.14	ng	-0.06
Spiked Amount 200.000			Recovery = 83.57%			
20) Nitrobenzene-d5	5.31	128	93133	94.45	ng	-0.07
Spiked Amount 100.000			Recovery = 94.45%			
40) 2-Fluorobiphenyl	6.78	172	304133	87.63	ng	-0.09
Spiked Amount 100.000			Recovery = 87.63%			
62) 2,4,6-Tribromophenol	8.25	332	148450	192.78	ng	-0.10
Spiked Amount 200.000			Recovery = 96.39%			
75) Terphenyl-d14	10.91	244	282268	93.90	ng	-0.11
Spiked Amount 100.000			Recovery = 93.90%			
Target Compounds						Qvalue
2) Pyridine	2.23	79	500477	213.97	ng	95
3) N-Nitrosodimethylamine	2.21	74	290909	205.54	ng	97
5) Aniline	4.60	93	417261	165.67	ng	41
6) bis(2-Chloroethyl)ether	4.67	93	352805	186.33	ng	93
8) Phenol	4.61	94	403492	160.82	ng	80
9) 2-Chlorophenol	4.69	128	316097	164.57	ng	77
10) 1,3-Dichlorobenzene	4.82	146	371920	180.43	ng	99
11) 1,4-Dichlorobenzene	4.88	146	345287	171.22	ng	98
12) 1,2-Dichlorobenzene	5.00	146	311389	157.44	ng	99
13) Benzyl alcohol	5.00	108	198170	165.58	ng	75
14) bis(2-chloroisopropyl)ethe	5.09	45	801873	172.52	ng	98
15) 2-Methylphenol	5.08	108	248513	155.15	ng	98
16) Hexachloroethane	5.26	117	160652	170.57	ng	95
17) N-Nitroso-di-n-propylamine	5.21	70	284815	172.50	ng	94
18) 3&4-Methylphenol	5.22	108	280273	169.61	ng	99
21) Nitrobenzene	5.33	77	392113	190.97	ng	92
22) Isophorone	5.52	82	747621	190.56	ng	99
23) 2-Nitrophenol	5.56	139	206064	193.98	ng	92
24) 2,4-Dimethylphenol	5.61	107	321905	164.05	ng	95

(#) = qualifier out of range (m) = manual integration

18187

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.78	105	68176	200.06 ng	98
26) bis(2-Chloroethoxy)methane	5.69	93	398877	170.17 ng	100
27) 2,4-Dichlorophenol	5.77	162	282520	175.30 ng	90
28) 1,2,4-Trichlorobenzene	5.82	180	301214	174.27 ng	97
29) Naphthalene	5.88	128	671097	155.10 ng	98
30) 4-Chloroaniline	5.93	127	258254	153.52 ng	98
31) Hexachlorobutadiene	5.97	225	202781	182.84 ng	97
32) 4-Chloro-3-methylphenol	6.33	107	318015	176.98 ng	93
33) 2-Methylnaphthalene	6.45	142	498072	164.51 ng	100
34) Methylnaphthalene(Total)	6.45	142	498072	164.51 ng	100
36) 1,2,4,5-Tetrachlorobenzene	6.61	216	306702	173.46 ng	98
37) Hexachlorocyclopentadiene	6.59	237	259564	208.71 ng	97
38) 2,4,6-Trichlorophenol	6.71	196	239499	188.04 ng	98
39) 2,4,5-Trichlorophenol	6.74	196	206521	158.28 ng	96
41) 2-Chloronaphthalene	6.89	162	485021	159.92 ng	96
42) 2-Nitroaniline	7.00	65	292017	162.64 ng	93
43) 1,4-Dimethylnaphthalene	7.21	156	329532	158.00 ng	94
44) Dimethylnaphthalene(Total)	7.21	156	329532	158.00 ng	94
45) Diphenyl Ether	6.97	170	402809	152.23 ng	91
46) Acenaphthylene	7.29	152	775622	166.63 ng	98
47) Dimethylphthalate	7.18	163	666597	174.17 ng	100
48) 2,6-Dinitrotoluene	7.24	165	175338	192.43 ng	99
49) Acenaphthene	7.47	153	522277	171.18 ng	98
50) 3-Nitroaniline	7.39	138	107608	135.40 ng	94
51) 2,4-Dinitrophenol	7.51	184	108620	210.22 ng	83
52) Dibenzofuran	7.64	168	625581	155.55 ng	91
53) 2,4-Dinitrotoluene	7.65	165	194142	162.93 ng	56
54) 4-Nitrophenol	7.58	65	162292	158.94 ng	98
55) Fluorene	8.00	166	438422	148.24 ng	98
56) 4-Chlorophenyl-phenylether	8.00	204	240961	135.72 ng	85
57) Diethylphthalate	7.89	149	664828	166.59 ng	99
58) 4-Nitroaniline	8.05	138	162628	158.92 ng	82
60) 4,6-Dinitro-2-methylphenol	8.08	198	145330	235.43 ng	100
61) n-Nitrosodiphenylamine	8.14	169	404242	185.24 ng	98
63) 1,2-Diphenylhydrazine	8.17	77	701130	179.22 ng	93
64) 4-Bromophenyl-phenylether	8.54	248	214572	192.93 ng	80
65) Hexachlorobenzene	8.59	284	272868	182.67 ng	91
66) Pentachlorophenol	8.82	266	174348	214.23 ng	98
67) Phenanthrene	9.05	178	717280	166.91 ng	99
68) Anthracene	9.11	178	660727	151.42 ng	100
69) Carbazole	9.31	167	679519	169.67 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

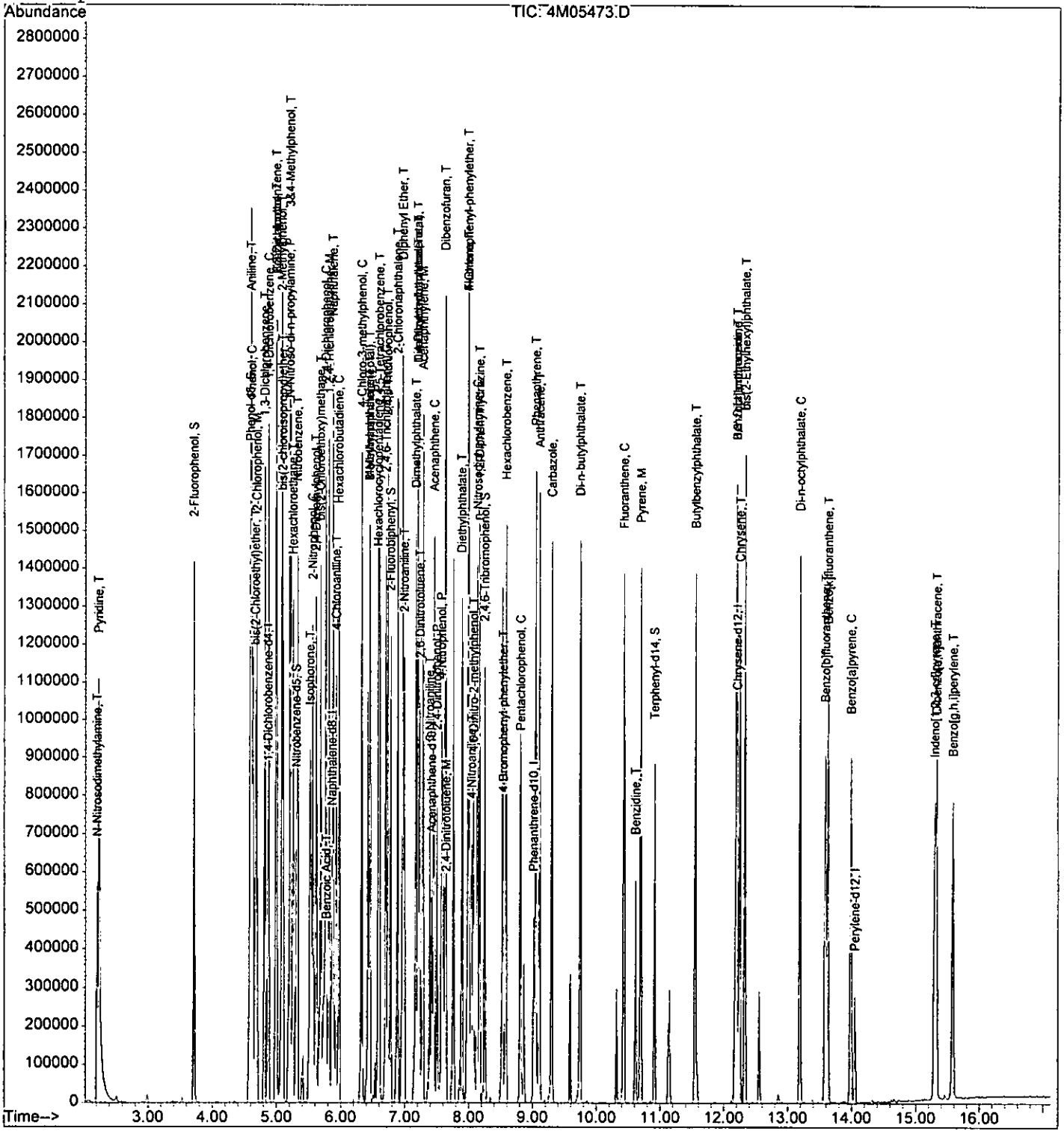
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	1048869	179.07 ng	99
71)	Fluoranthene	10.43	202	756215	169.17 ng	95
73)	Pyrene	10.70	202	746019	181.78 ng	93
74)	Benzidine	10.61	184	206522	178.54 ng	100
76)	Butylbenzylphthalate	11.56	149	386519	193.20 ng	91
77)	3,3'-Dichlorobenzidine	12.20	252	177187	219.56 ng	97
78)	Benzo[a]anthracene	12.20	228	643824	192.24 ng	99
79)	Chrysene	12.25	228	571105	190.90 ng	99
80)	bis(2-Ethylhexyl)phthalate	12.33	149	523585	201.21 ng	92
82)	Di-n-octylphthalate	13.19	149	884401	177.02 ng	99
83)	Benzo[b]fluoranthene	13.59	252	682733	179.95 ng	96
84)	Benzo[k]fluoranthene	13.63	252	510935	155.50 ng	98
85)	Benzo[a]pyrene	13.99	252	576831	184.96 ng	98
86)	Indeno[1,2,3-cd]pyrene	15.30	276	614839	217.34 ng	85
87)	Dibenzo[a,h]anthracene	15.33	278	476653	205.76 ng	93
88)	Benzo[g,h,i]perylene	15.58	276	494292	218.90 ng	92

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05552.	CAL BNA@50PPM	08/12/05 09:01	2	4M05553.	CAL BNA@10PPM	08/12/05 09:25
3	4M05554.	CAL BNA@25PPM	08/12/05 09:49	4	4M05555.	CAL BNA@80PPM	08/12/05 10:13
5	4M05556.	CAL BNA@120PPM	08/12/05 10:36	6	4M05557.	CAL BNA@160PPM	08/12/05 11:00
7	4M05558.	CAL BNA@200PPM	08/12/05 11:24				

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
Pyridine	1	0	Avg	1.7023	----	1.3831	1.7047	1.4855	1.4167	1.3605	----	1.51	2.19	0.987	0.996	10	50.00		25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.8540	----	0.8069	1.0108	1.0669	0.8338	1.0280	----	0.933	2.14	0.966	0.966	12	50.00		25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.2002	1.0144	1.1222	1.2293	1.1963	1.1816	1.2776	----	1.17	3.68	0.997	0.998	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8652	1.9838	2.0498	1.8200	1.7554	1.7859	1.7672	----	1.86	4.56	1.00	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3249	1.4411	1.4538	1.4133	1.3540	1.1237	1.1345	----	1.32	4.63	0.982	0.993	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.6378	1.4790	1.4950	1.6236	1.5275	1.6403	1.6312	----	1.58	4.55	0.998	0.999	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8710	1.7889	1.9255	1.7746	1.6490	1.6618	1.6134	----	1.75	4.56	0.998	0.999	6.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.3391	1.2607	1.3198	1.4251	1.2908	1.2575	1.3346	----	1.32	4.66	0.996	0.996	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.4444	1.5015	1.4412	1.4725	1.4170	1.2502	1.2786	----	1.40	4.79	0.993	0.996	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5635	1.5705	1.5350	1.6079	1.4359	1.2714	1.2813	----	1.47	4.85	0.987	0.995	9.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.3281	1.5789	1.4552	1.3183	1.2561	1.1650	1.0833	----	1.31	4.96	0.991	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.8077	0.7204	0.8437	0.8334	0.8282	0.7561	0.7772	----	0.795	4.96	0.997	0.998	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.1383	3.5555	3.3744	3.0690	2.8233	2.8806	2.8430	----	3.10	5.06	0.999	0.999	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.0727	1.0922	1.1262	1.1115	1.1761	1.1357	1.1665	----	1.13	5.05	0.999	0.999	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7027	0.7685	0.7287	0.6692	0.6253	0.5504	0.5463	----	0.656	5.23	0.989	0.997	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2117	1.1291	1.0659	1.1452	1.0375	1.1778	1.2049	----	1.14	5.17	0.993	0.996	5.9**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.1606	1.2835	1.2414	1.1650	1.2093	1.0609	1.1044	----	1.18	5.18	0.995	0.996	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1844	0.1601	0.1826	0.1931	0.2036	0.1920	0.1858	----	0.186	5.28	0.997	0.999	7.2	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4485	0.4453	0.4776	0.4339	0.3591	0.4315	0.4006	----	0.428	5.29	0.988	0.988	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7178	0.8730	0.9105	0.7278	0.7356	0.7777	0.7875	----	0.790	5.47	0.997	0.999	9.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2352	0.2066	0.2183	0.2392	0.2136	0.2017	0.1879	----	0.215	5.53	0.987	0.999	8.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4078	0.3847	0.4100	0.4052	0.3500	0.3999	0.3835	----	0.392	5.57	0.994	0.994	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0682	----	0.0222	0.0710	0.0778	0.0720	0.0637	----	0.0625	5.67	0.967	0.998	32	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5000	0.4564	0.5100	0.4850	0.4169	0.4852	0.4666	----	0.474	5.65	0.992	0.993	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3513	0.2969	0.3489	0.3380	0.3268	0.3040	0.2788	----	0.321	5.73	0.988	1.00	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3490	0.4135	0.3914	0.3580	0.3530	0.3198	0.3108	----	0.357	5.79	0.994	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	0.9062	1.1799	1.1143	0.9006	0.8806	0.8522	0.8117	----	0.949	5.84	0.998	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4814	0.4709	0.5639	0.4462	0.3710	0.3958	----	----	0.455	5.89	0.987	0.988	15	50.00	10.00	25.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2564	0.2621	0.2590	0.2524	0.2245	0.1961	0.1927	----	0.235	5.94	0.982	0.996	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3692	0.3691	0.3979	0.3643	0.3517	0.3885	0.3728	----	0.373	6.29	0.997	0.997	4.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6457	0.7234	0.7513	0.6406	0.6037	0.5909	0.5920	----	0.650	6.42	0.999	0.999	9.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalene(Total)	1	0	Avg	0.6457	0.7234	0.7513	0.6406	0.6037	0.5909	0.5920	----	0.650	6.42	0.999	0.999	9.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.7219	0.7205	0.7593	0.7442	0.6558	0.5263	----	----	0.688	6.57	0.950	0.996	13	50.00	10.00	25.00	80.00	120.0	160.0		
Hexachlorocyclopentadien	1	0	Avg	0.3658	0.2037	0.2829	0.4003	0.4052	0.3582	0.3482	----	0.338	6.56	0.988	0.997	21**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4741	0.4491	0.4735	0.5056	0.4333	0.4189	0.3984	----	0.450	6.67	0.990	0.998	8.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5687	0.5166	0.5819	0.5497	0.4972	0.5031	0.4752	----	0.528	6.71	0.996	0.999	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.3168	1.3516	1.4211	1.2955	1.2038	1.1883	1.1254	----	1.27	6.74	0.993	1.00	8.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.2305	1.2982	1.2794	1.2139	1.0329	1.0013	0.9432	----	1.14	6.85	0.989	0.998	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.6888	0.6467	0.7099	0.7171	0.6023	0.6180	0.5823	----	0.652	6.95	0.992	0.996	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8107	0.8325	0.8156	0.8511	0.6829	0.6690	0.6246	----	0.755	7.17	0.982	0.995	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalene(Tota	1	0	Avg	0.8107	0.8325	0.8156	0.8511	0.6829	0.6690	0.6246	----	0.755	7.17	0.982	0.995	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.9914	1.1450	1.0680	1.0056	0.8681	0.8047	0.7780	----	0.952	6.93	0.989	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.2

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

1825

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05552.	CAL BNA@50PPM	08/12/05 09:01	2	4M05553.	CAL BNA@10PPM	08/12/05 09:25
3	4M05554.	CAL BNA@25PPM	08/12/05 09:49	4	4M05555.	CAL BNA@80PPM	08/12/05 10:13
5	4M05556.	CAL BNA@120PPM	08/12/05 10:36	6	4M05557.	CAL BNA@160PPM	08/12/05 11:00
7	4M05558.	CAL BNA@200PPM	08/12/05 11:24				

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
Acenaphthylene	1	0	Avg	1.8402	1.9541	1.9751	1.8758	1.6331	1.4643	1.3825	----	1.73	7.25	0.980	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.4092	1.5042	1.4935	1.3730	1.3512	1.3101	1.2987	----	1.39	7.13	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3487	0.2942	0.3209	0.3622	0.3280	0.3236	0.3220	----	0.329	7.19	0.997	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.1516	1.2382	1.2820	1.1695	1.0689	0.9210	0.8874	----	1.10	7.41	0.981	0.997	14*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3888	0.2996	0.3981	0.3491	0.2817	0.2872	----	----	0.334	7.35	0.977	0.987	16	50.00	10.00	25.00	80.00	120.0	160.0		
2,4-Dinitrophenol	1	0	Avg	0.1358	----	----	0.1581	0.1899	0.2259	0.2331	----	0.189	7.47	0.994	0.997	22**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6888	1.8597	1.8153	1.6301	1.4158	1.3510	1.2552	----	1.57	7.60	0.988	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4812	0.4209	0.4915	0.4630	0.3946	0.3993	0.4110	----	0.437	7.60	0.994	0.994	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3262	0.2505	0.2772	0.3487	0.3266	0.3499	0.3454	----	0.318	7.54	0.997	0.999	12**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.2278	1.3279	1.3356	1.1857	1.0468	0.9345	----	----	1.18	7.95	0.984	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0		
4-Chlorophenyl-phenyleth	1	0	Avg	0.6491	0.6897	0.6969	0.6571	0.5676	0.5036	0.4850	----	0.607	7.96	0.980	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.4908	1.5218	1.4811	1.4797	1.2991	1.3047	1.3012	----	1.41	7.85	0.997	0.998	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.4140	0.3165	0.3919	0.4026	0.3662	0.4080	0.3792	----	0.383	7.99	0.995	0.995	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1357	----	----	0.1468	0.1506	0.1582	0.1549	----	0.149	8.03	0.999	0.999	5.8	50.00			80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5511	0.5175	0.5337	0.5252	0.5075	0.4268	0.4270	----	0.498	8.09	0.983	0.995	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.1892	0.1580	0.1762	0.1889	0.1812	0.1799	0.1786	----	0.179	8.21	0.999	1.00	5.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	0.9757	0.9683	0.9163	0.9417	0.8226	0.8159	0.7993	----	0.891	8.13	0.995	0.998	8.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2674	0.2742	0.2668	0.2736	0.2736	0.2343	0.2264	----	0.260	8.49	0.985	0.997	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.3626	0.3657	0.3745	0.3687	0.3524	0.3280	0.3198	----	0.353	8.55	0.996	0.999	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.1612	----	0.0821	0.1724	0.1858	0.1980	0.2036	----	0.167	8.77	0.999	1.00	27*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.1049	1.1179	1.0577	1.0369	0.9397	0.8563	0.8231	----	0.991	9.01	0.988	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.0984	1.1462	1.1430	1.0777	0.9858	0.8872	0.8606	----	1.03	9.07	0.989	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.0572	1.0432	1.0564	0.9896	0.9041	0.8312	0.8140	----	0.957	9.27	0.992	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.4385	1.4538	1.3888	1.3678	1.2707	1.1047	1.1086	----	1.30	9.71	0.987	0.996	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	1.1382	1.1932	1.1492	1.0671	1.0181	0.8699	0.8480	----	1.04	10.39	0.983	0.997	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.5295	1.4095	1.4534	1.4434	1.5962	1.5442	1.3973	----	1.48	10.66	0.991	0.995	5.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.4304	0.5535	0.5105	0.4087	0.4026	0.4408	0.4016	----	0.450	10.58	0.994	0.994	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	1.0606	0.9420	0.9628	0.9895	1.1425	1.2832	1.1694	----	1.08	10.88	0.990	0.991	12	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.7396	0.6278	0.6907	0.6876	0.7494	0.8279	0.7423	----	0.724	11.51	0.992	0.992	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.4967	0.5192	0.5301	0.4319	0.3669	----	----	----	0.469	12.16	0.973	1.00	15	50.00	10.00	25.00	80.00	120.0			
Benzo[a]anthracene	1	0	Avg	1.2831	1.3091	1.2965	1.2195	1.2252	1.2100	1.1370	----	1.24	12.16	0.997	0.999	4.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.1762	1.1872	1.1464	1.1134	1.1188	1.0699	1.0035	----	1.12	12.20	0.995	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9700	0.7847	0.9061	0.9551	0.9752	1.0453	0.9663	----	0.943	12.29	0.996	0.997	8.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	1.9663	----	1.7650	1.9413	2.2228	2.5142	2.4593	----	2.14	13.15	0.993	0.996	14*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.5681	1.6354	1.6573	1.5021	1.5045	1.6707	1.6559	----	1.60	13.54	0.996	0.998	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.4345	1.3906	1.3701	1.4675	1.4541	1.3796	1.2730	----	1.40	13.58	0.992	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.3657	1.3831	1.3498	1.3503	1.3237	1.2977	1.2872	----	1.34	13.95	1.00	1.00	2.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5044	1.5247	1.5955	1.4800	1.2988	1.2065	1.1977	----	1.40	15.25	0.992	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1951	1.2402	1.2958	1.2144	1.0553	0.9910	0.9966	----	1.14	15.28	0.993	0.996	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1797	1.2893	1.2710	1.1784	1.0232	0.9480	0.9478	----	1.12	15.53	0.991	0.996	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.2
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05552.D Vial: 2
Acq On : 12 Aug 2005 9:01 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:45 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:35:47 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	39680	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	136814	40.00	ng	0.00
35) Acenaphthene-d10	7.38	164	77490	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	136762	40.00	ng	0.00
72) Chrysene-d12	12.17	240	107369	40.00	ng	0.00
81) Perylene-d12	14.01	264	81836	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	59534	51.85	ng	0.00
Spiked Amount 200.000			Recovery = 25.93%			
7) Phenol-d5	4.55	99	81238	52.25	ng	0.00
Spiked Amount 200.000			Recovery = 26.13%			
20) Nitrobenzene-d5	5.28	128	15771	24.79	ng	0.00
Spiked Amount 100.000			Recovery = 24.79%			
40) 2-Fluorobiphenyl	6.74	172	63776	25.40	ng	0.00
Spiked Amount 100.000			Recovery = 25.40%			
62) 2,4,6-Tribromophenol	8.21	332	32360	52.89	ng	0.00
Spiked Amount 200.000			Recovery = 26.45%			
75) Terphenyl-d14	10.88	244	71178	24.93	ng	0.00
Spiked Amount 100.000			Recovery = 24.93%			
Target Compounds						Qvalue
2) Pyridine	2.19	79	84436	62.31	ng	89
3) N-Nitrosodimethylamine	2.14	74	42363	50.17	ng	97
5) Aniline	4.56	93	92515	49.69	ng	39
6) bis(2-Chloroethyl)ether	4.63	93	65717	49.00	ng	84
8) Phenol	4.56	94	92806	52.60	ng	94
9) 2-Chlorophenol	4.66	128	66423	50.90	ng	94
10) 1,3-Dichlorobenzene	4.79	146	71645	50.82	ng	98
11) 1,4-Dichlorobenzene	4.85	146	77554	52.21	ng	97
12) 1,2-Dichlorobenzene	4.96	146	65876	49.18	ng	96
13) Benzyl alcohol	4.96	108	40062	50.59	ng	95
14) bis(2-chloroisopropyl)ethe	5.06	45	155661	49.97	ng	94
15) 2-Methylphenol	5.05	108	53207	47.93	ng	99
16) Hexachloroethane	5.23	117	34855	52.12	ng	96
17) N-Nitroso-di-n-propylamine	5.17	70	60102	53.72	ng	83
18) 3&4-Methylphenol	5.18	108	57570	48.90	ng	97
21) Nitrobenzene	5.29	77	76716	51.84	ng	94
22) Isophorone	5.47	82	122762	45.41	ng	86
23) 2-Nitrophenol	5.53	139	40225	53.67	ng	92
24) 2,4-Dimethylphenol	5.57	107	69745	51.89	ng	95

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05552.D Vial: 2
Acq On : 12 Aug 2005 9:01 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:45 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:35:47 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.67	105	11668	54.76 ng	97
26)	bis(2-Chloroethoxy)methane	5.65	93	85519	52.57 ng	99
27)	2,4-Dichlorophenol	5.73	162	60085	53.61 ng	86
28)	1,2,4-Trichlorobenzene	5.79	180	59698	47.93 ng	97
29)	Naphthalene	5.84	128	154982	46.60 ng	100
30)	4-Chloroaniline	5.89	127	82334	52.91 ng	96
31)	Hexachlorobutadiene	5.94	225	43854	53.03 ng	98
32)	4-Chloro-3-methylphenol	6.29	107	63145	49.43 ng	85
33)	2-Methylnaphthalene	6.42	142	110429	48.97 ng	97
34)	Methylnaphthalene(Total)	6.42	142	110429	48.97 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	69927	52.46 ng	97
37)	Hexachlorocyclopentadiene	6.56	237	35440	54.43 ng	94
38)	2,4,6-Trichlorophenol	6.67	196	45925	51.63 ng	99
39)	2,4,5-Trichlorophenol	6.71	196	55092	53.03 ng	96
41)	2-Chloronaphthalene	6.85	162	119189	52.31 ng	98
42)	2-Nitroaniline	6.95	65	66722	51.88 ng	82
43)	1,4-Dimethylnaphthalene	7.17	156	78529	52.17 ng	97
44)	Dimethylnaphthalene(Total)	7.17	156	78529	52.17 ng	97
45)	Diphenyl Ether	6.93	170	96038	50.56 ng	92
46)	Acenaphthylene	7.25	152	178255	51.39 ng	99
47)	Dimethylphthalate	7.13	163	136507	50.08 ng	99
48)	2,6-Dinitrotoluene	7.19	165	33784	52.90 ng	87
49)	Acenaphthene	7.41	153	111553	50.57 ng	99
50)	3-Nitroaniline	7.35	138	37663	58.18 ng	94
51)	2,4-Dinitrophenol	7.47	184	13157	46.80 ng	59
52)	Dibenzofuran	7.60	168	163581	51.91 ng	97
53)	2,4-Dinitrotoluene	7.60	165	46617	54.47 ng	94
54)	4-Nitrophenol	7.54	65	31598	52.07 ng	96
55)	Fluorene	7.95	166	118934	52.19 ng	96
56)	4-Chlorophenyl-phenylether	7.96	204	62873	51.73 ng	86
57)	Diethylphthalate	7.85	149	144407	52.14 ng	98
58)	4-Nitroaniline	7.99	138	40102	54.02 ng	92
60)	4,6-Dinitro-2-methylphenol	8.03	198	23198	51.48 ng	100
61)	n-Nitrosodiphenylamine	8.09	169	94218	54.00 ng	98
63)	1,2-Diphenylhydrazine	8.13	77	166806	53.80 ng	87
64)	4-Bromophenyl-phenylether	8.49	248	45714	50.45 ng	96
65)	Hexachlorobenzene	8.55	284	61990	50.55 ng	98
66)	Pentachlorophenol	8.77	266	27561	59.45 ng	96
67)	Phenanthrene	9.01	178	188886	54.22 ng	99
68)	Anthracene	9.07	178	187778	51.99 ng	99
69)	Carbazole	9.27	167	180740	53.92 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05552.D Vial: 2
Acq On : 12 Aug 2005 9:01 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:45 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:35:47 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

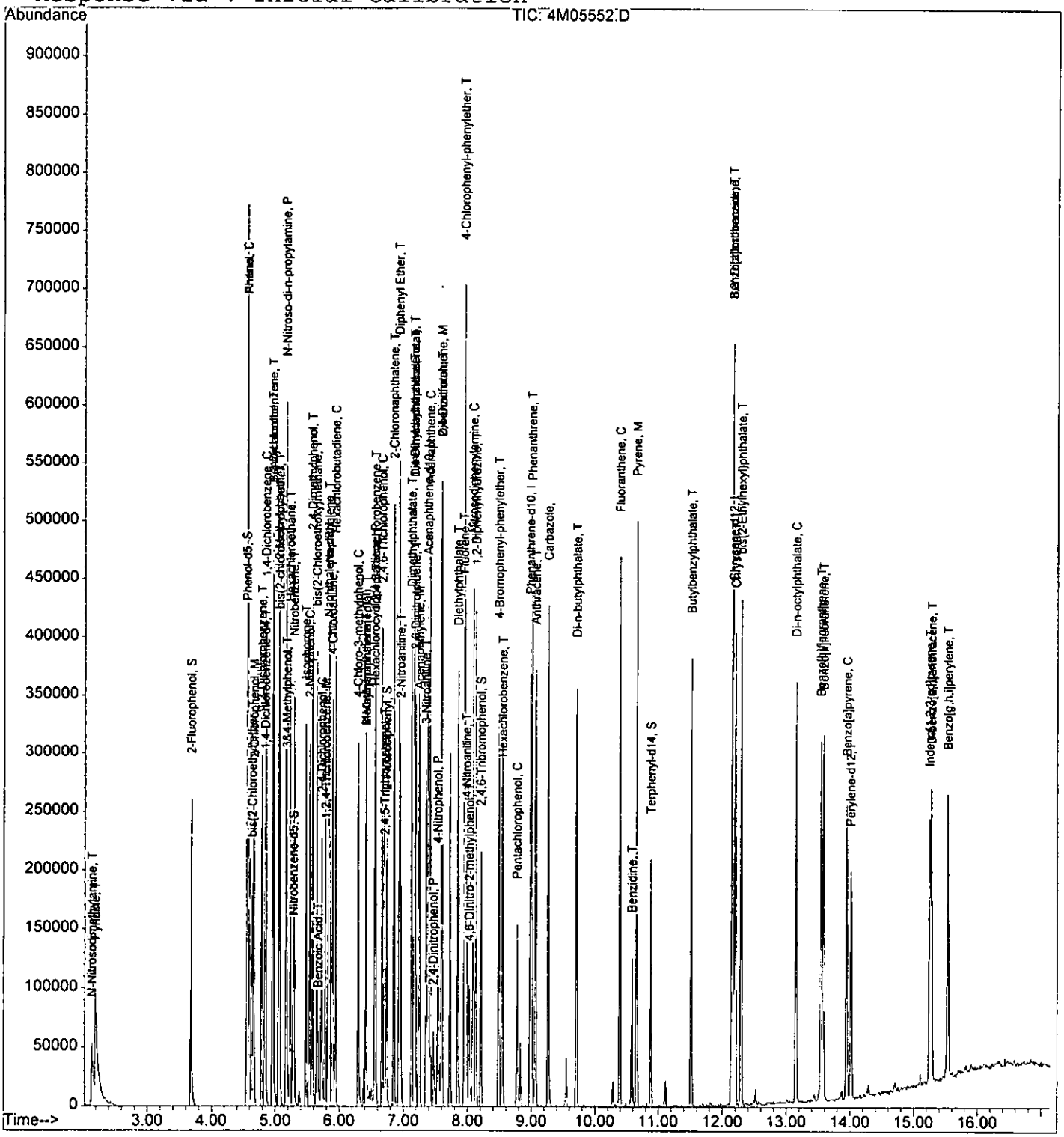
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.71	149	245923	53.78	ng	99
71)	Fluoranthene	10.39	202	194591	53.06	ng	96
73)	Pyrene	10.66	202	205280	51.12	ng	90
74)	Benzidine	10.58	184	57767	47.01	ng	99
76)	Butylbenzylphthalate	11.51	149	99268	51.32	ng	86
77)	3,3'-Dichlorobenzidine	12.16	252	66675	55.08	ng	95
78)	Benzo[a]anthracene	12.16	228	172207	51.03	ng	99
79)	Chrysene	12.20	228	157859	51.80	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.29	149	130195	51.63	ng	96
82)	Di-n-octylphthalate	13.15	149	201146	49.37	ng	100
83)	Benzo[b]fluoranthene	13.54	252	160417	49.32	ng	99
84)	Benzo[k]fluoranthene	13.58	252	146742	50.65	ng	98
85)	Benzo[a]pyrene	13.95	252	139712	50.77	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.25	276	153902	52.42	ng	93
87)	Dibenzo[a,h]anthracene	15.28	278	122256	51.28	ng	96
88)	Benzo[g,h,i]perylene	15.53	276	120681	51.37	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05552.D Vial: 2
Acq On : 12 Aug 2005 9:01 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:45 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05553.D Vial: 3
Acq On : 12 Aug 2005 9:25 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 9:42 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.83	152	34516	40.00	ng	-0.03
19) Naphthalene-d8	5.82	136	113821	40.00	ng	-0.04
35) Acenaphthene-d10	7.38	164	67362	40.00	ng	-0.03
59) Phenanthrene-d10	8.98	188	120057	40.00	ng	-0.03
72) Chrysene-d12	12.17	240	103203	40.00	ng	-0.03
81) Perylene-d12	14.01	264	81584	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	8754	9.12	ng	-0.03
Spiked Amount 200.000			Recovery = 4.56%			
7) Phenol-d5	4.55	99	12763	10.59	ng	-0.03
Spiked Amount 200.000			Recovery = 5.30%			
20) Nitrobenzene-d5	5.27	128	2279	4.14	ng	-0.03
Spiked Amount 100.000			Recovery = 4.14%			
40) 2-Fluorobiphenyl	6.74	172	11381	4.94	ng	-0.04
Spiked Amount 100.000			Recovery = 4.94%			
62) 2,4,6-Tribromophenol	8.21	332	4744	7.85	ng	-0.03
Spiked Amount 200.000			Recovery = 3.93%			
75) Terphenyl-d14	10.88	244	12153	4.16	ng	-0.03
Spiked Amount 100.000			Recovery = 4.16%			
Target Compounds						Qvalue
2) Pyridine	2.29	79	6940	4.93	ng	86
3) N-Nitrosodimethylamine	2.20	74	4610	5.63	ng	52
5) Aniline	4.56	93	17119	11.55	ng	51
6) bis(2-Chloroethyl)ether	4.62	93	12436	11.95	ng	97
8) Phenol	4.56	94	15437	11.75	ng	87
9) 2-Chlorophenol	4.66	128	10879	10.73	ng	65
10) 1,3-Dichlorobenzene	4.79	146	12957	11.49	ng	93
11) 1,4-Dichlorobenzene	4.85	146	13552	12.16	ng	98
12) 1,2-Dichlorobenzene	4.96	146	13625	12.24	ng	89
13) Benzyl alcohol	4.96	108	6217	10.45	ng	96
14) bis(2-chloroisopropyl)ethe	5.06	45	30681	11.57	ng	94
15) 2-Methylphenol	5.05	108	9425	10.76	ng	89
16) Hexachloroethane	5.23	117	6632	12.10	ng	80
17) N-Nitroso-di-n-propylamine	5.17	70	9743	11.02	ng	72
18) 3&4-Methylphenol	5.17	108	11076	13.41	ng	96
21) Nitrobenzene	5.29	77	12672	10.01	ng	97
22) Isophorone	5.47	82	24842	10.93	ng	97
23) 2-Nitrophenol	5.53	139	5879	8.90	ng	80
24) 2,4-Dimethylphenol	5.58	107	10949	9.90	ng	99

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05553.D Vial: 3
Acq On : 12 Aug 2005 9:25 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 9:42 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25)	Benzoic Acid	0.00	105	0	N.D.		
26)	bis(2-Chloroethoxy)methane	5.65	93	12987	9.72 ng		96
27)	2,4-Dichlorophenol	5.73	162	8449	9.14 ng		86
28)	1,2,4-Trichlorobenzene	5.78	180	11767	11.39 ng		94
29)	Naphthalene	5.84	128	33575	12.47 ng		99
30)	4-Chloroaniline	5.89	127	13400	12.53 ng		99
31)	Hexachlorobutadiene	5.94	225	7458	10.63 ng		98
32)	4-Chloro-3-methylphenol	6.29	107	10504	10.85 ng		79
33)	2-Methylnaphthalene	6.41	142	20586	11.89 ng		99
34)	Methylnaphthalene(Total)	6.41	142	20586	11.89 ng		99
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	12135	10.26 ng		94
37)	Hexachlorocyclopentadiene	6.55	237	3432	3.94 ng		89
38)	2,4,6-Trichlorophenol	6.67	196	7563	8.99 ng		99
39)	2,4,5-Trichlorophenol	6.71	196	8701	10.90 ng		94
41)	2-Chloronaphthalene	6.85	162	21863	11.54 ng		93
42)	2-Nitroaniline	6.96	65	10892	10.33 ng		81
43)	1,4-Dimethylnaphthalene	7.16	156	14021	11.19 ng		95
44)	Dimethylnaphthalene(Total)	7.16	156	14021	11.19 ng		95
45)	Diphenyl Ether	6.94	170	19283	12.22 ng		80
46)	Acenaphthylene	7.24	152	32909	11.10 ng		98
47)	Dimethylphthalate	7.13	163	25332	10.56 ng		99
48)	2,6-Dinitrotoluene	7.19	165	4955	8.79 ng		96
49)	Acenaphthene	7.42	153	20853	10.82 ng		96
50)	3-Nitroaniline	7.35	138	5047	10.28 ng		79
51)	2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	Dibenzofuran	7.59	168	31319	13.29 ng		85
53)	2,4-Dinitrotoluene	7.60	165	7089	10.83 ng		95
54)	4-Nitrophenol	7.55	65	4220	9.03 ng		98
55)	Fluorene	7.95	166	22364	12.37 ng		98
56)	4-Chlorophenyl-phenylether	7.96	204	11615	11.67 ng		95
57)	Diethylphthalate	7.85	149	25629	10.57 ng		99
58)	4-Nitroaniline	7.98	138	5330	11.66 ng		80
60)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
61)	n-Nitrosodiphenylamine	8.09	169	15535	8.69 ng		96
63)	1,2-Diphenylhydrazine	8.12	77	29064	8.89 ng		98
64)	4-Bromophenyl-phenylether	8.49	248	8230	9.03 ng		96
65)	Hexachlorobenzene	8.54	284	10979	9.09 ng		86
66)	Pentachlorophenol	8.79	266	418	0.72 ng	#	17
67)	Phenanthrene	9.00	178	33555	10.96 ng		99
68)	Anthracene	9.06	178	34404	11.28 ng		99
69)	Carbazole	9.27	167	31312	12.17 ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05553.D Vial: 3
Acq On : 12 Aug 2005 9:25 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 9:42 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

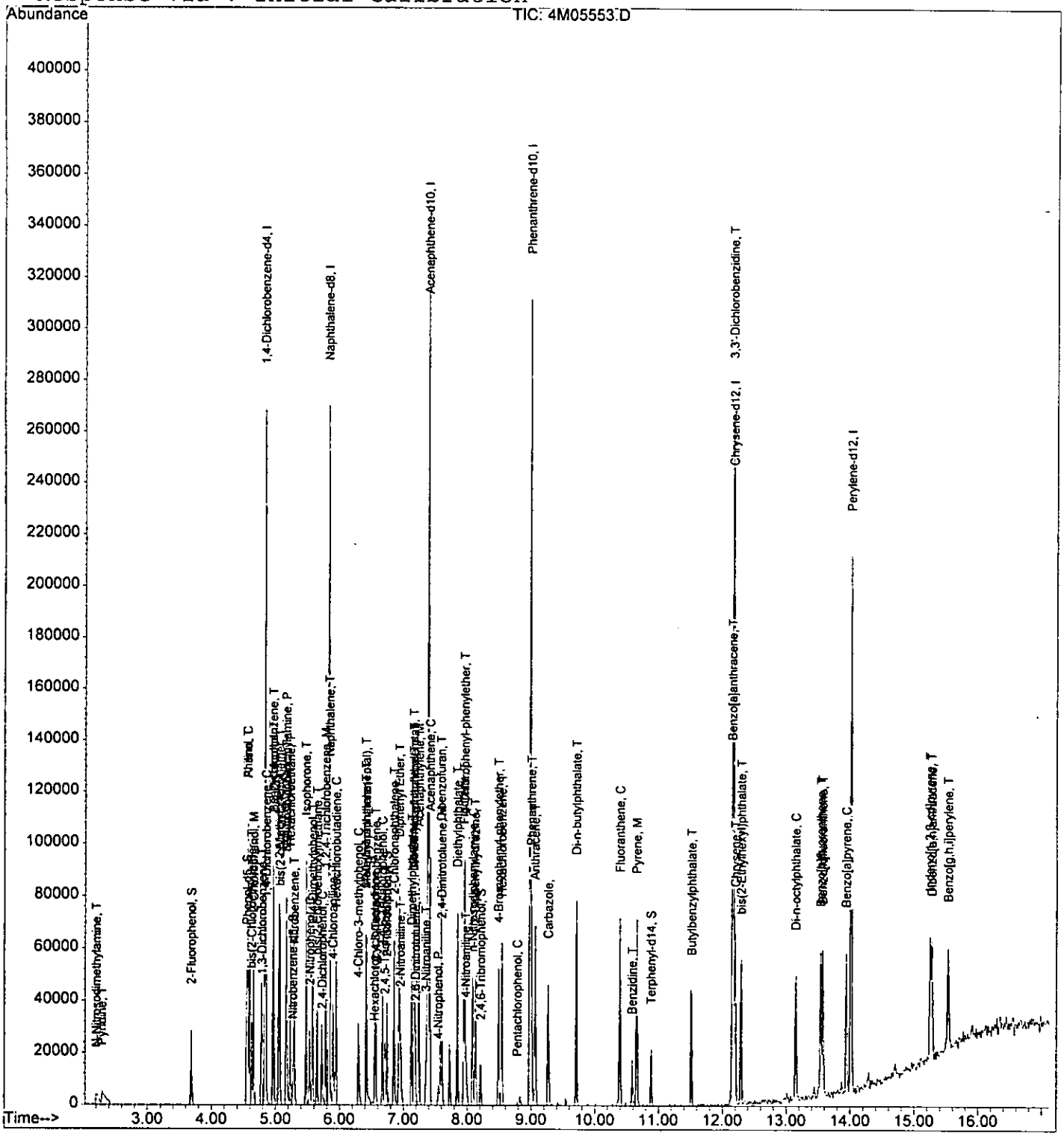
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.71	149	43636	9.17	ng	98
71)	Fluoranthene	10.39	202	35814	13.28	ng	94
73)	Pyrene	10.66	202	36367	8.81	ng	89
74)	Benzidine	10.59	184	14283	13.82	ng	95
76)	Butylbenzylphthalate	11.52	149	16198	7.26	ng	80
77)	3,3'-Dichlorobenzidine	12.16	252	13396	12.89	ng	93
78)	Benzo[a]anthracene	12.15	228	33777	10.18	ng	99
79)	Chrysene	12.20	228	30633	10.42	ng	96
80)	bis(2-Ethylhexyl)phthalate	12.29	149	20248	6.19	ng	91
82)	Di-n-octylphthalate	13.15	149	31409	7.10	ng	98
83)	Benzo[b]fluoranthene	13.54	252	33357	11.06	ng	97
84)	Benzo[k]fluoranthene	13.57	252	28363	10.28	ng	96
85)	Benzo[a]pyrene	13.94	252	28211	10.62	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.25	276	31099	10.39	ng	91
87)	Dibenzo[a,h]anthracene	15.28	278	25296	10.59	ng	94
88)	Benzo[g,h,i]perylene	15.53	276	26298	10.48	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05553.D Vial: 3
Acq On : 12 Aug 2005 9:25 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 9:42 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05554.D Vial: 4
Acq On : 12 Aug 2005 9:49 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:48 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.83	152	32868	40.00	ng	-0.03
19) Naphthalene-d8	5.82	136	106536	40.00	ng	-0.04
35) Acenaphthene-d10	7.38	164	62990	40.00	ng	-0.03
59) Phenanthrene-d10	8.98	188	114618	40.00	ng	-0.03
72) Chrysene-d12	12.17	240	97629	40.00	ng	-0.03
81) Perylene-d12	14.01	264	78079	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	23054	25.22	ng	-0.03
Spiked Amount 200.000			Recovery = 12.61%			
7) Phenol-d5	4.55	99	30712	26.76	ng	-0.03
Spiked Amount 200.000			Recovery = 13.38%			
20) Nitrobenzene-d5	5.28	128	6082	11.81	ng	-0.02
Spiked Amount 100.000			Recovery = 11.81%			
40) 2-Fluorobiphenyl	6.74	172	27975	12.99	ng	-0.04
Spiked Amount 100.000			Recovery = 12.99%			
62) 2,4,6-Tribromophenol	8.21	332	12623	21.87	ng	-0.03
Spiked Amount 200.000			Recovery = 10.94%			
75) Terphenyl-d14	10.88	244	29377	10.62	ng	-0.03
Spiked Amount 100.000			Recovery = 10.62%			
Target Compounds						Qvalue
2) Pyridine	2.23	79	28413m	21.18	ng	
3) N-Nitrosodimethylamine	2.16	74	16577	21.26	ng	89
5) Aniline	4.56	93	42108	29.82	ng	48
6) bis(2-Chloroethyl)ether	4.62	93	29865	30.14	ng	96
8) Phenol	4.56	94	39556	31.62	ng	83
9) 2-Chlorophenol	4.65	128	27113	28.07	ng	66
10) 1,3-Dichlorobenzene	4.78	146	29607	27.57	ng	98
11) 1,4-Dichlorobenzene	4.85	146	31533	29.71	ng	98
12) 1,2-Dichlorobenzene	4.96	146	29894	28.20	ng	98
13) Benzyl alcohol	4.95	108	17332	30.61	ng	62
14) bis(2-chloroisopropyl)ethe	5.06	45	69319	27.46	ng	97
15) 2-Methylphenol	5.04	108	23135	27.72	ng	96
16) Hexachloroethane	5.23	117	14971	28.68	ng	82
17) N-Nitroso-di-n-propylamine	5.17	70	21898	26.00	ng	73
18) 3&4-Methylphenol	5.17	108	25503	32.43	ng	99
21) Nitrobenzene	5.29	77	31802	26.84	ng	98
22) Isophorone	5.47	82	60631	28.50	ng	96
23) 2-Nitrophenol	5.53	139	14538	23.52	ng	81
24) 2,4-Dimethylphenol	5.58	107	27305	26.38	ng	99

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05554.D Vial: 4
Acq On : 12 Aug 2005 9:49 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:48 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	Benzoic Acid	5.65	105	1482	7.03	ng	84
26)	bis(2-Chloroethoxy)methane	5.65	93	33962	27.15	ng	99
27)	2,4-Dichlorophenol	5.72	162	23232	26.84	ng	97
28)	1,2,4-Trichlorobenzene	5.78	180	26067	26.97	ng	94
29)	Naphthalene	5.84	128	74200	29.45	ng	99
30)	4-Chloroaniline	5.89	127	37549	37.52	ng	98
31)	Hexachlorobutadiene	5.94	225	17248	26.26	ng	97
32)	4-Chloro-3-methylphenol	6.29	107	26494	29.25	ng	91
33)	2-Methylnaphthalene	6.41	142	50030	30.87	ng	95
34)	Methylnaphthalene(Total)	6.41	142	50030	30.87	ng	95
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	29893	27.04	ng	97
37)	Hexachlorocyclopentadiene	6.55	237	11138	13.69	ng	96
38)	2,4,6-Trichlorophenol	6.67	196	18642	23.71	ng	95
39)	2,4,5-Trichlorophenol	6.70	196	22911	30.68	ng	92
41)	2-Chloronaphthalene	6.85	162	50372	28.44	ng	98
42)	2-Nitroaniline	6.96	65	27951	28.35	ng	75
43)	1,4-Dimethylnaphthalene	7.17	156	32109	27.41	ng	98
44)	Dimethylnaphthalene(Total)	7.17	156	32109	27.41	ng	98
45)	Diphenyl Ether	6.93	170	42047	28.49	ng	82
46)	Acenaphthylene	7.24	152	77758	28.04	ng	100
47)	Dimethylphthalate	7.13	163	58798	26.21	ng	99
48)	2,6-Dinitrotoluene	7.19	165	12636	23.98	ng	93
49)	Acenaphthene	7.42	153	50474	28.00	ng	98
50)	3-Nitroaniline	7.35	138	15676	34.15	ng	99
51)	2,4-Dinitrophenol	7.48	184	617	2.37	ng	48
52)	Dibenzofuran	7.59	168	71468	32.43	ng	90
53)	2,4-Dinitrotoluene	7.59	165	19352	31.62	ng	50
54)	4-Nitrophenol	7.54	65	10913	24.98	ng	92
55)	Fluorene	7.95	166	52582	31.11	ng	98
56)	4-Chlorophenyl-phenylether	7.96	204	27436	29.48	ng	92
57)	Diethylphthalate	7.84	149	58309	25.73	ng	97
58)	4-Nitroaniline	7.98	138	15430	36.09	ng	83
60)	4,6-Dinitro-2-methylphenol	8.03	198	4845	10.27	ng	100
61)	n-Nitrosodiphenylamine	8.08	169	38233	22.41	ng	99
63)	1,2-Diphenylhydrazine	8.12	77	65640	21.02	ng	99
64)	4-Bromophenyl-phenylether	8.49	248	19117	21.96	ng	96
65)	Hexachlorobenzene	8.54	284	26830	23.27	ng	87
66)	Pentachlorophenol	8.78	266	5885	10.61	ng	95
67)	Phenanthrene	9.00	178	75774	25.92	ng	98
68)	Anthracene	9.06	178	81885	28.13	ng	99
69)	Carbazole	9.27	167	75683	30.82	ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05554.D Vial: 4
Acq On : 12 Aug 2005 9:49 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:48 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

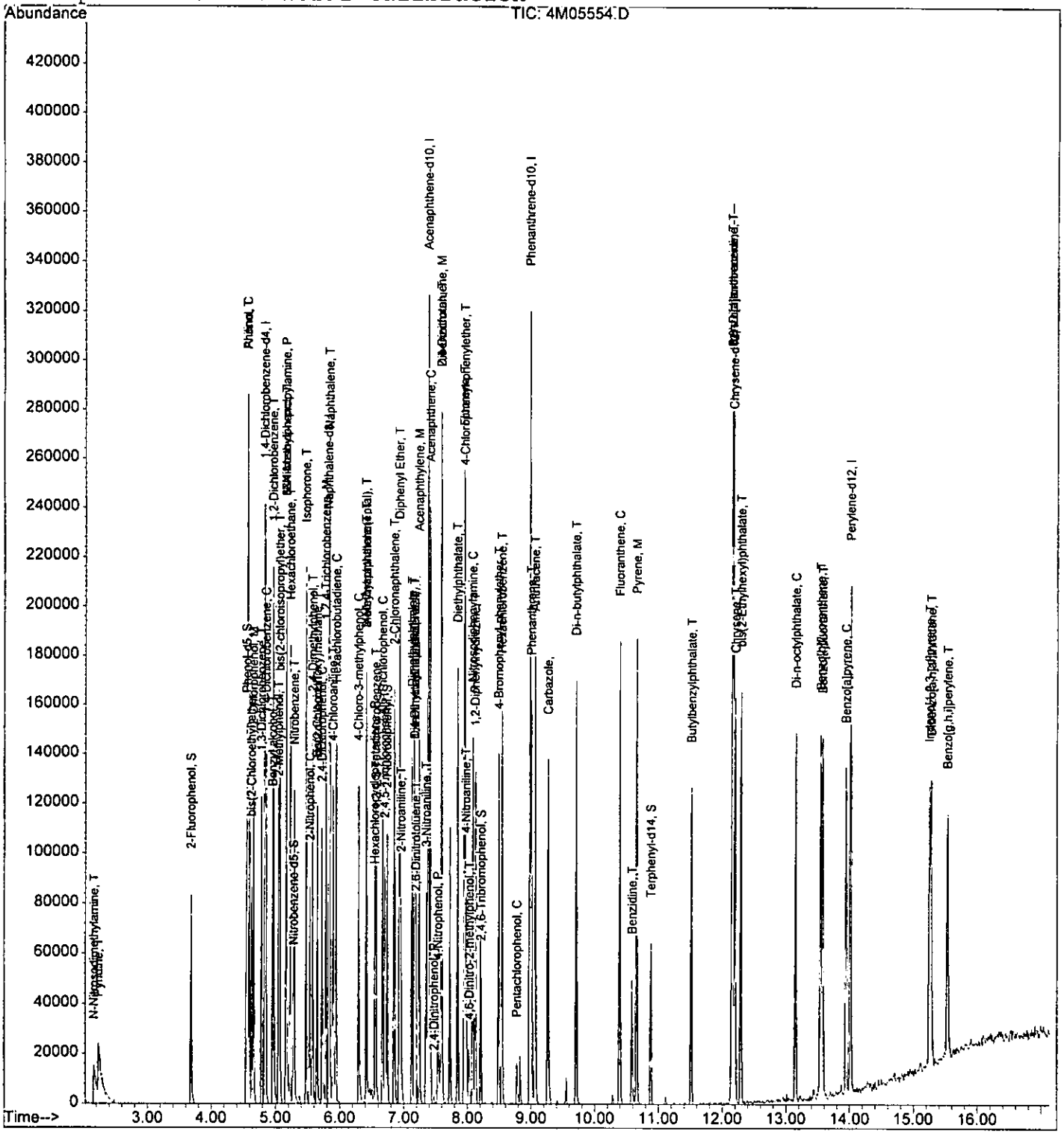
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.71	149	99495	21.90	ng	97
71)	Fluoranthene	10.39	202	82330	31.98	ng	95
73)	Pyrene	10.66	202	88684	22.71	ng	86
74)	Benzidine	10.58	184	31150	31.87	ng	91
76)	Butylbenzylphthalate	11.52	149	42145	19.97	ng	78
77)	3,3'-Dichlorobenzidine	12.15	252	32347	32.91	ng	97
78)	Benzo[a]anthracene	12.15	228	79115	25.22	ng	99
79)	Chrysene	12.20	228	69955	25.15	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.29	149	55291	17.87	ng	93
82)	Di-n-octylphthalate	13.15	149	86133	20.34	ng	100
83)	Benzo[b]fluoranthene	13.54	252	80876	28.02	ng	96
84)	Benzo[k]fluoranthene	13.57	252	66860	25.33	ng	99
85)	Benzo[a]pyrene	13.94	252	65871	25.91	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.25	276	77861	27.17	ng	87
87)	Dibenzo[a,h]anthracene	15.28	278	63237	27.65	ng	92
88)	Benzo[g,h,i]perylene	15.53	276	62026	25.84	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05554.D Vial: 4
Acq On : 12 Aug 2005 9:49 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:48 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05555.D Vial: 5
Acq On : 12 Aug 2005 10:13 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:30 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	35053	40.00	ng	-0.02
19) Naphthalene-d8	5.83	136	120798	40.00	ng	-0.03
35) Acenaphthene-d10	7.38	164	64842	40.00	ng	-0.03
59) Phenanthrene-d10	8.98	188	115051	40.00	ng	-0.03
72) Chrysene-d12	12.17	240	87124	40.00	ng	-0.03
81) Perylene-d12	14.01	264	66616	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	86181	88.41	ng	-0.03
Spiked Amount 200.000			Recovery = 44.21%			
7) Phenol-d5	4.55	99	113829	93.00	ng	-0.03
Spiked Amount 200.000			Recovery = 46.50%			
20) Nitrobenzene-d5	5.28	128	23333	39.95	ng	-0.02
Spiked Amount 100.000			Recovery = 39.95%			
40) 2-Fluorobiphenyl	6.74	172	84003	37.89	ng	-0.04
Spiked Amount 100.000			Recovery = 37.89%			
62) 2,4,6-Tribromophenol	8.21	332	43470	75.04	ng	-0.03
Spiked Amount 200.000			Recovery = 37.52%			
75) Terphenyl-d14	10.88	244	86214	34.92	ng	-0.03
Spiked Amount 100.000			Recovery = 34.92%			
Target Compounds						Qvalue
2) Pyridine	2.18	79	119510	83.52	ng	97
3) N-Nitrosodimethylamine	2.13	74	70866	85.21	ng	98
5) Aniline	4.56	93	127595	84.74	ng	44
6) bis(2-Chloroethyl)ether	4.63	93	99085	93.77	ng	87
8) Phenol	4.56	94	124414	93.24	ng	96
9) 2-Chlorophenol	4.66	128	99910	96.99	ng	94
10) 1,3-Dichlorobenzene	4.79	146	103237	90.14	ng	96
11) 1,4-Dichlorobenzene	4.85	146	112726	99.60	ng	100
12) 1,2-Dichlorobenzene	4.96	146	92423	81.76	ng	97
13) Benzyl alcohol	4.96	108	58429	96.75	ng	92
14) bis(2-chloroisopropyl)ethe	5.06	45	215156	79.91	ng	95
15) 2-Methylphenol	5.05	108	77927	87.56	ng	99
16) Hexachloroethane	5.23	117	46917	84.28	ng	99
17) N-Nitroso-di-n-propylamine	5.16	70	80289	89.40	ng	89
18) 3&4-Methylphenol	5.18	108	81676	97.37	ng	99
21) Nitrobenzene	5.29	77	104842	78.04	ng	89
22) Isophorone	5.48	82	175833	72.88	ng	93
23) 2-Nitrophenol	5.53	139	57792	82.45	ng	95
24) 2,4-Dimethylphenol	5.57	107	97914	83.41	ng	94

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05555.D Vial: 5
Acq On : 12 Aug 2005 10:13 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:30 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.68	105	17168	71.77 ng	95
26)	bis(2-Chloroethoxy)methane	5.65	93	117179	82.61 ng	99
27)	2,4-Dichlorophenol	5.73	162	81664	83.21 ng	86
28)	1,2,4-Trichlorobenzene	5.79	180	86503	78.92 ng	96
29)	Naphthalene	5.84	128	217582	76.16 ng	99
30)	4-Chloroaniline	5.89	127	107821	95.01 ng	98
31)	Hexachlorobutadiene	5.94	225	60979	81.89 ng	98
32)	4-Chloro-3-methylphenol	6.29	107	88014	85.70 ng	84
33)	2-Methylnaphthalene	6.42	142	154778	84.23 ng	96
34)	Methylnaphthalene(Total)	6.42	142	154778	84.23 ng	96
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	96512	84.80 ng	96
37)	Hexachlorocyclopentadiene	6.56	237	51919	61.98 ng	94
38)	2,4,6-Trichlorophenol	6.67	196	65568	81.00 ng	98
39)	2,4,5-Trichlorophenol	6.70	196	71289	92.73 ng	99
41)	2-Chloronaphthalene	6.85	162	157429	86.35 ng	99
42)	2-Nitroaniline	6.95	65	93000	91.63 ng	89
43)	1,4-Dimethylnaphthalene	7.17	156	110374	91.52 ng	97
44)	Dimethylnaphthalene(Total)	7.17	156	110374	91.52 ng	97
45)	Diphenyl Ether	6.93	170	130422	85.84 ng	92
46)	Acenaphthylene	7.25	152	243270	85.22 ng	99
47)	Dimethylphthalate	7.13	163	178066	77.12 ng	99
48)	2,6-Dinitrotoluene	7.19	165	46972	86.58 ng	90
49)	Acenaphthene	7.41	153	151668	81.73 ng	98
50)	3-Nitroaniline	7.35	138	45284	95.84 ng	86
51)	2,4-Dinitrophenol	7.47	184	20509	76.67 ng	60
52)	Dibenzofuran	7.60	168	211400	93.20 ng	99
53)	2,4-Dinitrotoluene	7.60	165	60048	95.32 ng	97
54)	4-Nitrophenol	7.54	65	45231	100.56 ng	95
55)	Fluorene	7.96	166	153777	88.40 ng	99
56)	4-Chlorophenyl-phenylether	7.96	204	85216	88.96 ng	84
57)	Diethylphthalate	7.85	149	191902	82.26 ng	99
58)	4-Nitroaniline	7.99	138	52217	118.63 ng	86
60)	4,6-Dinitro-2-methylphenol	8.03	198	33778	71.35 ng	100
61)	n-Nitrosodiphenylamine	8.09	169	120864	70.58 ng	99
63)	1,2-Diphenylhydrazine	8.13	77	216687	69.14 ng	89
64)	4-Bromophenyl-phenylether	8.49	248	62970	72.06 ng	99
65)	Hexachlorobenzene	8.55	284	84853	73.31 ng	96
66)	Pentachlorophenol	8.77	266	39669	71.28 ng	96
67)	Phenanthrene	9.01	178	238611	81.33 ng	98
68)	Anthracene	9.07	178	247998	84.86 ng	97
69)	Carbazole	9.26	167	227713	92.38 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05555.D Vial: 5
Acq On : 12 Aug 2005 10:13 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:30 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

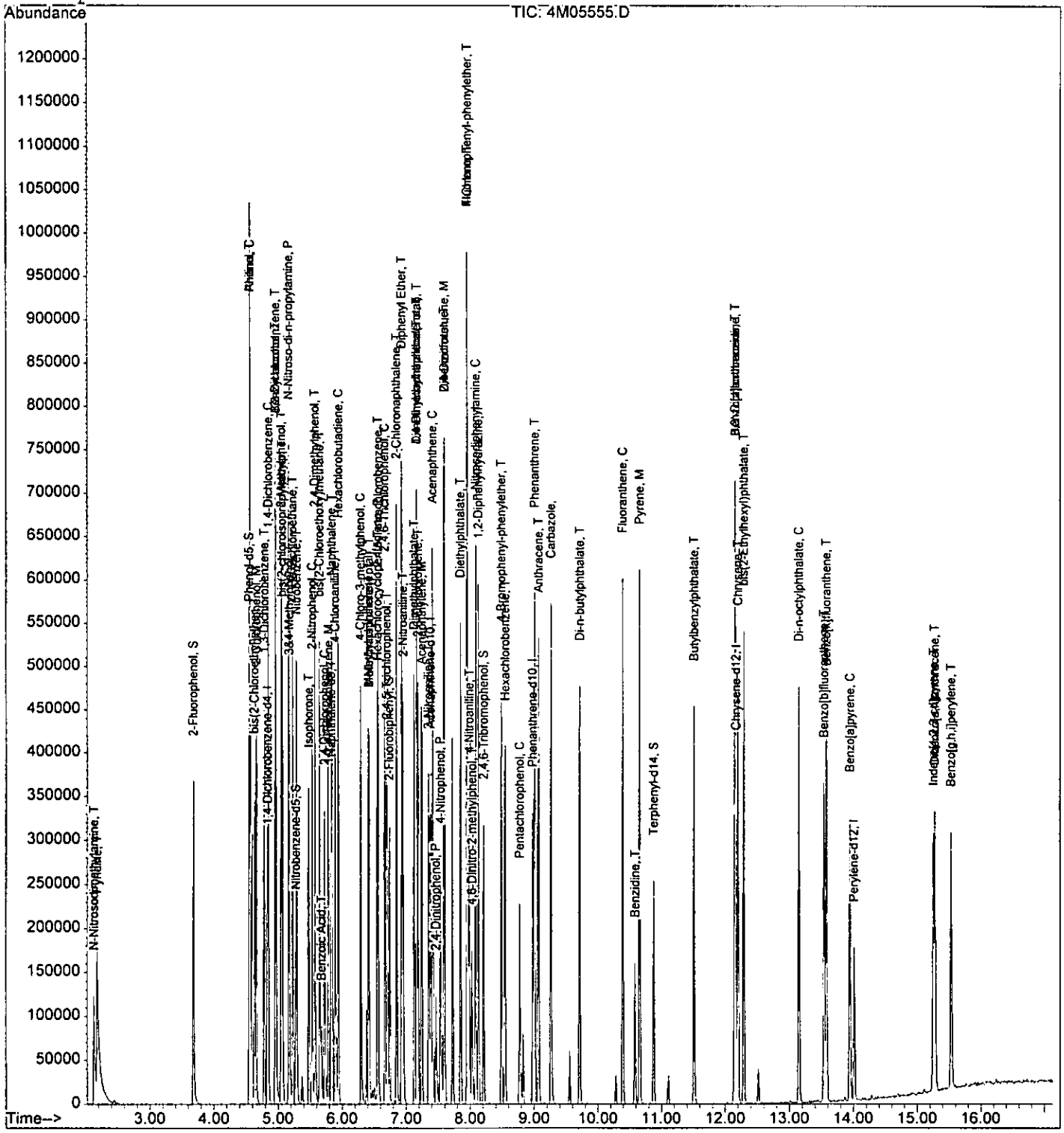
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.71	149	314750	69.02	ng	99
71)	Fluoranthene	10.39	202	245553	95.03	ng	100
73)	Pyrene	10.66	202	251510	72.16	ng	92
74)	Benzidine	10.58	184	71219	81.65	ng	98
76)	Butylbenzylphthalate	11.51	149	119825	63.63	ng	87
77)	3,3'-Dichlorobenzidine	12.16	252	75258	85.80	ng	96
78)	Benzo[a]anthracene	12.16	228	212510	75.90	ng	99
79)	Chrysene	12.20	228	194009	78.17	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.29	149	166425	60.27	ng	95
82)	Di-n-octylphthalate	13.15	149	258654	71.60	ng	100
83)	Benzo[b]fluoranthene	13.54	252	200138	81.26	ng	98
84)	Benzo[k]fluoranthene	13.58	252	195527	86.83	ng	98
85)	Benzo[a]pyrene	13.95	252	179906	82.96	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.26	276	197196	80.65	ng	77
87)	Dibenzo[a,h]anthracene	15.28	278	161808	82.92	ng	96
88)	Benzo[g,h,i]perylene	15.53	276	157010	76.66	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05555.D Vial: 5
Acq On : 12 Aug 2005 10:13 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:30 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05556.D Vial: 6
Acq On : 12 Aug 2005 10:36 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:54 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	36109	40.00	ng	-0.02
19) Naphthalene-d8	5.83	136	127630	40.00	ng	-0.03
35) Acenaphthene-d10	7.38	164	72982	40.00	ng	-0.03
59) Phenanthrene-d10	8.98	188	123711	40.00	ng	-0.03
72) Chrysene-d12	12.17	240	80119	40.00	ng	-0.03
81) Perylene-d12	14.01	264	53512	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	129596	129.07	ng	-0.03
Spiked Amount 200.000			Recovery = 64.54%			
7) Phenol-d5	4.55	99	165476	131.24	ng	-0.03
Spiked Amount 200.000			Recovery = 65.62%			
20) Nitrobenzene-d5	5.28	128	38990	63.18	ng	-0.02
Spiked Amount 100.000			Recovery = 63.18%			
40) 2-Fluorobiphenyl	6.75	172	131787	52.81	ng	-0.03
Spiked Amount 100.000			Recovery = 52.81%			
62) 2,4,6-Tribromophenol	8.21	332	67279	108.01	ng	-0.03
Spiked Amount 200.000			Recovery = 54.01%			
75) Terphenyl-d14	10.88	244	137315	60.48	ng	-0.03
Spiked Amount 100.000			Recovery = 60.48%			
Target Compounds						Qvalue
2) Pyridine	2.18	79	160921	109.17	ng	99
3) N-Nitrosodimethylamine	2.13	74	115584	134.91	ng	99
5) Aniline	4.57	93	190166	122.60	ng	47
6) bis(2-Chloroethyl)ether	4.63	93	146681	134.75	ng	99
8) Phenol	4.57	94	178635	129.97	ng	96
9) 2-Chlorophenol	4.66	128	139834	131.78	ng	84
10) 1,3-Dichlorobenzene	4.79	146	153504	130.12	ng	97
11) 1,4-Dichlorobenzene	4.85	146	155554	133.42	ng	97
12) 1,2-Dichlorobenzene	4.97	146	136071	116.86	ng	99
13) Benzyl alcohol	4.96	108	89725	144.22	ng	74
14) bis(2-chloroisopropyl)ethe	5.06	45	305842	110.27	ng	96
15) 2-Methylphenol	5.05	108	127404	138.97	ng	98
16) Hexachloroethane	5.23	117	67737	118.13	ng	90
17) N-Nitroso-di-n-propylamine	5.16	70	112395	121.48	ng	93
18) 3&4-Methylphenol	5.17	108	131001	151.61	ng	96
21) Nitrobenzene	5.29	77	137495	96.87	ng	85
22) Isophorone	5.48	82	281684	110.51	ng	97
23) 2-Nitrophenol	5.53	139	81820	110.49	ng	98
24) 2,4-Dimethylphenol	5.57	107	134020	108.06	ng	88

(#) = qualifier out of range (m) = manual integration

1886

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05556.D Vial: 6
Acq On : 12 Aug 2005 10:36 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:54 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.70	105	29816	117.98 ng	95
26)	bis(2-Chloroethoxy)methane	5.65	93	159645	106.53 ng	99
27)	2,4-Dichlorophenol	5.73	162	125137	120.68 ng	92
28)	1,2,4-Trichlorobenzene	5.79	180	135195	116.74 ng	98
29)	Naphthalene	5.85	128	337201	111.72 ng	99
30)	4-Chloroaniline	5.89	127	142088	118.50 ng	99
31)	Hexachlorobutadiene	5.94	225	85979	109.28 ng	99
32)	4-Chloro-3-methylphenol	6.29	107	134680	124.12 ng	81
33)	2-Methylnaphthalene	6.42	142	231182	119.08 ng	98
34)	Methylnaphthalene(Total)	6.42	142	231182	119.08 ng	98
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	143593	112.10 ng	97
37)	Hexachlorocyclopentadiene	6.56	237	88727	94.10 ng	98
38)	2,4,6-Trichlorophenol	6.67	196	94886	104.14 ng	98
39)	2,4,5-Trichlorophenol	6.71	196	108874	125.83 ng	95
41)	2-Chloronaphthalene	6.85	162	226168	110.21 ng	96
42)	2-Nitroaniline	6.95	65	131888	115.45 ng	91
43)	1,4-Dimethylnaphthalene	7.17	156	149533	110.16 ng	89
44)	Dimethylnaphthalene(Total)	7.17	156	149533	110.16 ng	89
45)	Diphenyl Ether	6.93	170	190070	111.15 ng	96
46)	Acenaphthylene	7.25	152	357578	111.30 ng	99
47)	Dimethylphthalate	7.14	163	295843	113.84 ng	100
48)	2,6-Dinitrotoluene	7.20	165	71827	117.63 ng	90
49)	Acenaphthene	7.42	153	234035	112.06 ng	97
50)	3-Nitroaniline	7.35	138	61691	116.00 ng	89
51)	2,4-Dinitrophenol	7.48	184	41595	138.15 ng	99
52)	Dibenzofuran	7.60	168	309998	121.42 ng	93
53)	2,4-Dinitrotoluene	7.60	165	86403	121.85 ng	72
54)	4-Nitrophenol	7.54	65	71519	141.27 ng	99
55)	Fluorene	7.96	166	229196	117.05 ng	99
56)	4-Chlorophenyl-phenylether	7.97	204	124292	115.28 ng	94
57)	Diethylphthalate	7.85	149	284436	108.32 ng	98
58)	4-Nitroaniline	8.00	138	80178	161.84 ng	90
60)	4,6-Dinitro-2-methylphenol	8.03	198	55892	109.80 ng	100
61)	n-Nitrosodiphenylamine	8.09	169	188373	102.31 ng	99
63)	1,2-Diphenylhydrazine	8.13	77	305297	90.60 ng	95
64)	4-Bromophenyl-phenylether	8.50	248	101552	108.08 ng	85
65)	Hexachlorobenzene	8.55	284	130816	105.10 ng	92
66)	Pentachlorophenol	8.77	266	68983	115.27 ng	98
67)	Phenanthrene	9.01	178	348759	110.55 ng	99
68)	Anthracene	9.07	178	365874	116.43 ng	99
69)	Carbazole	9.26	167	335549	126.60 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05556.D Vial: 6
Acq On : 12 Aug 2005 10:36 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:54 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

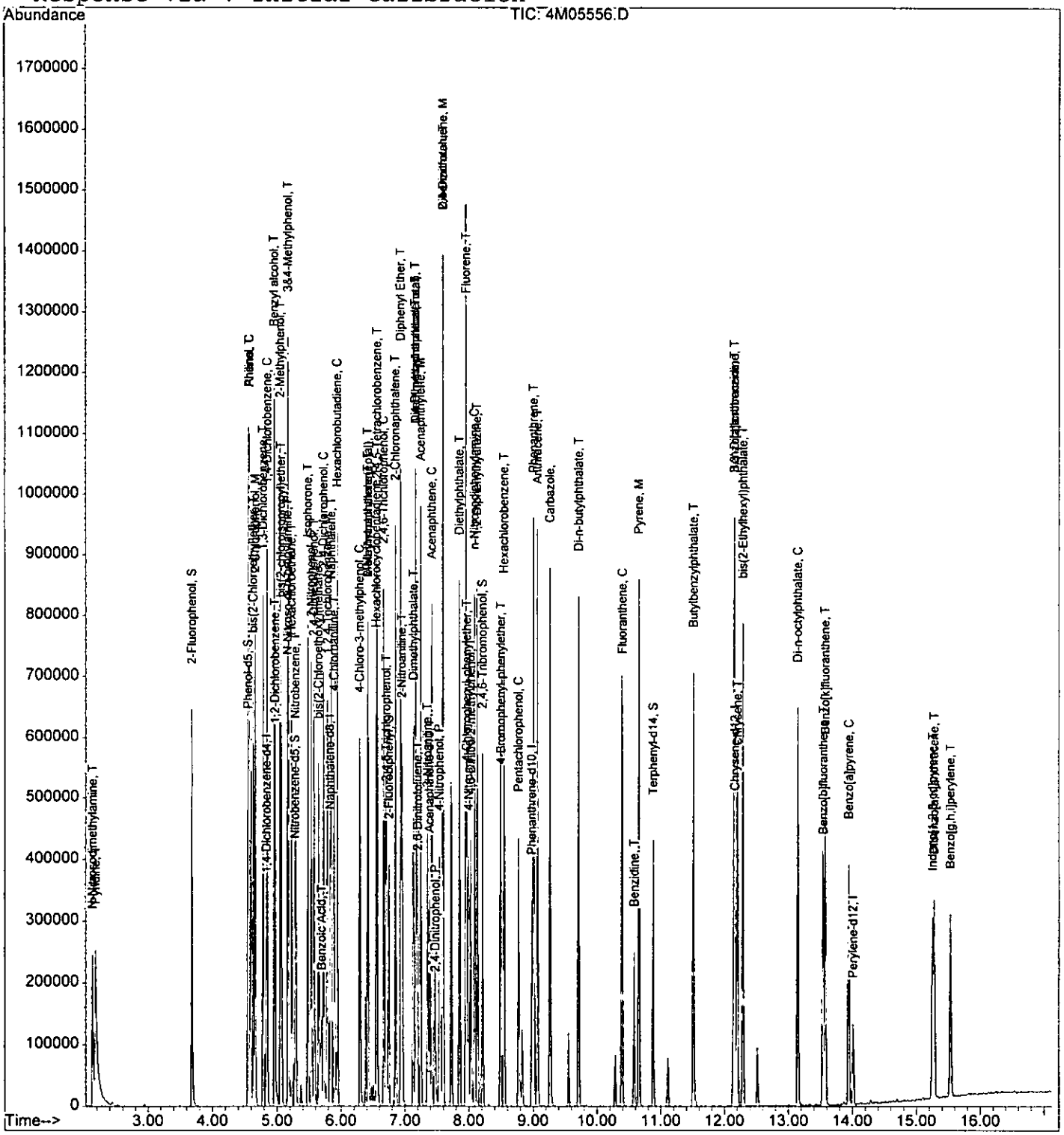
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.71	149	471626	96.19	ng	100
71)	Fluoranthene	10.40	202	377867	136.00	ng	84
73)	Pyrene	10.66	202	383673	119.70	ng	96
74)	Benzidine	10.58	184	96776	120.65	ng	96
76)	Butylbenzylphthalate	11.51	149	180145	104.02	ng	89
77)	3,3'-Dichlorobenzidine	12.16	252	88193	109.34	ng	96
78)	Benzo[a]anthracene	12.16	228	294486	114.38	ng	99
79)	Chrysene	12.21	228	268933	117.83	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.29	149	234412	92.31	ng	94
82)	Di-n-octylphthalate	13.15	149	356842	122.97	ng	98
83)	Benzo[b]fluoranthene	13.55	252	241529	122.08	ng	93
84)	Benzo[k]fluoranthene	13.58	252	233438	129.05	ng	99
85)	Benzo[a]pyrene	13.95	252	212508	121.99	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.26	276	208510	106.16	ng	78
87)	Dibenzo[a,h]anthracene	15.28	278	169416	108.08	ng	96
88)	Benzo[g,h,i]perylene	15.53	276	164272	99.85	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05556.D Vial: 6
Acq On : 12 Aug 2005 10:36 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 10:54 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05557.D Vial: 7
Acq On : 12 Aug 2005 11:00 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:18 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	38376	40.00	ng	-0.02
19) Naphthalene-d8	5.83	136	146887	40.00	ng	-0.03
35) Acenaphthene-d10	7.38	164	97948	40.00	ng	-0.03
59) Phenanthrene-d10	8.99	188	195187	40.00	ng	-0.02
72) Chrysene-d12	12.18	240	105278	40.00	ng	-0.02
81) Perylene-d12	14.01	264	62159	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	181390	169.98	ng	-0.03
Spiked Amount 200.000			Recovery = 84.99%			
7) Phenol-d5	4.56	99	251801	187.91	ng	-0.02
Spiked Amount 200.000			Recovery = 93.96%			
20) Nitrobenzene-d5	5.28	128	56421	79.44	ng	-0.02
Spiked Amount 100.000			Recovery = 79.44%			
40) 2-Fluorobiphenyl	6.75	172	232793	69.51	ng	-0.03
Spiked Amount 100.000			Recovery = 69.51%			
62) 2,4,6-Tribromophenol	8.22	332	140510	142.97	ng	-0.02
Spiked Amount 200.000			Recovery = 71.49%			
75) Terphenyl-d14	10.88	244	270197	90.57	ng	-0.03
Spiked Amount 100.000			Recovery = 90.57%			
Target Compounds						Qvalue
2) Pyridine	2.17	79	217482	138.83	ng	100
3) N-Nitrosodimethylamine	2.13	74	128001	140.58	ng	92
5) Aniline	4.57	93	274155	166.30	ng	44
6) bis(2-Chloroethyl)ether	4.63	93	172497	149.10	ng	94
8) Phenol	4.57	94	255093	174.63	ng	99
9) 2-Chlorophenol	4.66	128	193039	171.17	ng	81
10) 1,3-Dichlorobenzene	4.79	146	191924	153.07	ng	98
11) 1,4-Dichlorobenzene	4.85	146	195179	157.51	ng	98
12) 1,2-Dichlorobenzene	4.97	146	178840	144.51	ng	99
13) Benzyl alcohol	4.96	108	116066	175.54	ng	71
14) bis(2-chloroisopropyl)ethe	5.06	45	442191	150.01	ng	95
15) 2-Methylphenol	5.05	108	174339	178.93	ng	99
16) Hexachloroethane	5.23	117	84491	138.64	ng	91
17) N-Nitroso-di-n-propylamine	5.17	70	180797	183.87	ng	93
18) 3&4-Methylphenol	5.17	108	162862	177.35	ng	98
21) Nitrobenzene	5.30	77	253559	155.22	ng	99
22) Isophorone	5.48	82	456956	155.77	ng	92
23) 2-Nitrophenol	5.53	139	118563	139.11	ng	90
24) 2,4-Dimethylphenol	5.58	107	235001	164.64	ng	98

(#) = qualifier out of range (m) = manual integration

1810

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05557.D Vial: 7
Acq On : 12 Aug 2005 11:00 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:18 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.72	105	42328	145.53 ng	96
26)	bis(2-Chloroethoxy)methane	5.66	93	285122	165.31 ng	100
27)	2,4-Dichlorophenol	5.73	162	178644	149.70 ng	99
28)	1,2,4-Trichlorobenzene	5.79	180	187944	141.01 ng	97
29)	Naphthalene	5.85	128	500723	144.14 ng	100
30)	4-Chloroaniline	5.90	127	232581	168.54 ng	99
31)	Hexachlorobutadiene	5.94	225	115232	127.26 ng	97
32)	4-Chloro-3-methylphenol	6.30	107	228315	182.83 ng	97
33)	2-Methylnaphthalene	6.42	142	347218	155.40 ng	98
34)	Methylnaphthalene(Total)	6.42	142	347218	155.40 ng	98
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	206219	119.95 ng	98
37)	Hexachlorocyclopentadiene	6.55	237	140368	110.93 ng	98
38)	2,4,6-Trichlorophenol	6.67	196	164156	134.25 ng	96
39)	2,4,5-Trichlorophenol	6.71	196	197119	169.75 ng	99
41)	2-Chloronaphthalene	6.86	162	392335	142.46 ng	95
42)	2-Nitroaniline	6.96	65	242139	157.94 ng	92
43)	1,4-Dimethylnaphthalene	7.17	156	262116	143.88 ng	93
44)	Dimethylnaphthalene(Total)	7.17	156	262116	143.88 ng	93
45)	Diphenyl Ether	6.94	170	315292	137.38 ng	78
46)	Acenaphthylene	7.25	152	573733	133.06 ng	99
47)	Dimethylphthalate	7.14	163	513317	147.18 ng	99
48)	2,6-Dinitrotoluene	7.20	165	126818	154.75 ng	79
49)	Acenaphthene	7.42	153	360845	128.73 ng	98
50)	3-Nitroaniline	7.36	138	112535	157.66 ng	95
51)	2,4-Dinitrophenol	7.48	184	88514	219.06 ng	70
52)	Dibenzofuran	7.60	168	529314	154.48 ng	92
53)	2,4-Dinitrotoluene	7.61	165	156478	164.43 ng	89
54)	4-Nitrophenol	7.55	65	137097	201.78 ng	98
55)	Fluorene	7.96	166	366156	139.34 ng	98
56)	4-Chlorophenyl-phenylether	7.97	204	197331	136.38 ng	89
57)	Diethylphthalate	7.86	149	511186	145.06 ng	99
58)	4-Nitroaniline	8.01	138	159888	240.48 ng	80
60)	4,6-Dinitro-2-methylphenol	8.05	198	123524	153.80 ng	100
61)	n-Nitrosodiphenylamine	8.10	169	333229	114.71 ng	98
63)	1,2-Diphenylhydrazine	8.14	77	637053	119.82 ng	88
64)	4-Bromophenyl-phenylether	8.50	248	182954	123.41 ng	93
65)	Hexachlorobenzene	8.56	284	256115	130.42 ng	96
66)	Pentachlorophenol	8.78	266	154609	163.75 ng	97
67)	Phenanthrene	9.02	178	668557	134.32 ng	100
68)	Anthracene	9.08	178	692703	139.71 ng	99
69)	Carbazole	9.27	167	649012	155.20 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05557.D Vial: 7
Acq On : 12 Aug 2005 11:00 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:18 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

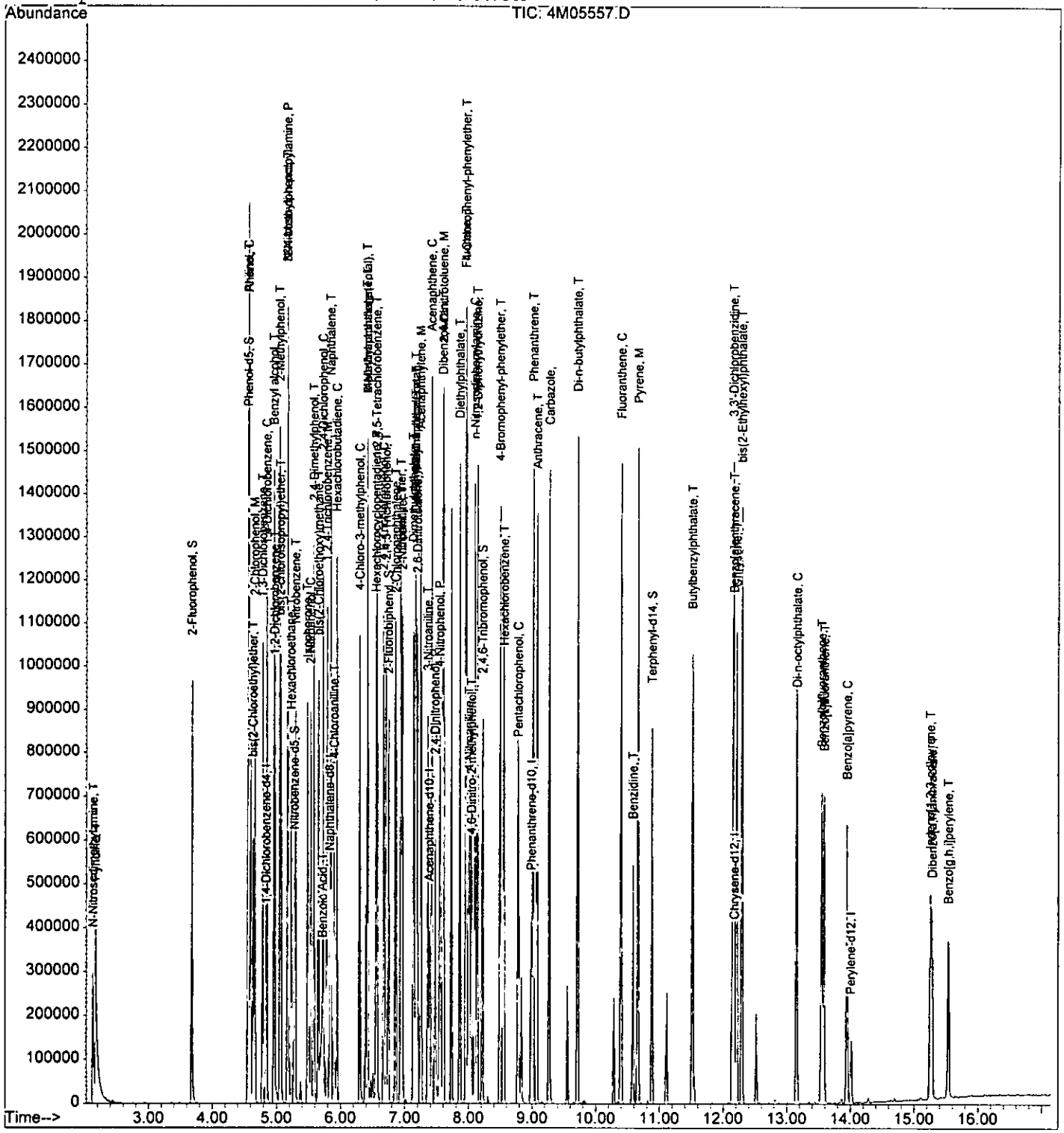
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Di-n-butylphthalate	9.71	149	862555	111.50	ng	98
71) Fluoranthene	10.40	202	679200	154.93	ng	95
73) Pyrene	10.66	202	650302	154.40	ng	92
74) Benzidine	10.58	184	185629	176.11	ng	98
76) Butylbenzylphthalate	11.51	149	348671	153.22	ng	94
77) 3,3'-Dichlorobenzidine	12.16	252	151950	143.37	ng	98
78) Benzo[a]anthracene	12.17	228	509570	150.62	ng	99
79) Chrysene	12.21	228	450552	150.23	ng	99
80) bis(2-Ethylhexyl)phthalate	12.29	149	440216	131.93	ng	95
82) Di-n-octylphthalate	13.16	149	625127	185.46	ng	100
83) Benzo[b]fluoranthene	13.55	252	415419	180.76	ng	96
84) Benzo[k]fluoranthene	13.59	252	343024	163.26	ng	96
85) Benzo[a]pyrene	13.95	252	322677	159.46	ng	100
86) Indeno[1,2,3-cd]pyrene	15.26	276	299990	131.49	ng	84
87) Dibenzo[a,h]anthracene	15.29	278	246399	135.33	ng	91
88) Benzo[g,h,i]perylene	15.54	276	235714	123.34	ng	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05557.D Vial: 7
Acq On : 12 Aug 2005 11:00 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:18 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05558.D Vial: 8
Acq On : 12 Aug 2005 11:24 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:41 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:42:56 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.83	152	34762	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	141326	40.00	ng	0.00
35) Acenaphthene-d10	7.39	164	94118	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	185116	40.00	ng	0.00
72) Chrysene-d12	12.18	240	112051	40.00	ng	0.01
81) Perylene-d12	14.01	264	66154	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	222060	220.77	ng	0.00
Spiked Amount 200.000			Recovery = 110.39%			
7) Phenol-d5	4.56	99	283531	208.17	ng	0.01
Spiked Amount 200.000			Recovery = 104.09%			
20) Nitrobenzene-d5	5.28	128	65653	99.89	ng	0.00
Spiked Amount 100.000			Recovery = 99.89%			
40) 2-Fluorobiphenyl	6.75	172	264806	86.82	ng	0.01
Spiked Amount 100.000			Recovery = 86.82%			
62) 2,4,6-Tribromophenol	8.22	332	165395	199.71	ng	0.01
Spiked Amount 200.000			Recovery = 99.86%			
75) Terphenyl-d14	10.88	244	327599	109.96	ng	0.00
Spiked Amount 100.000			Recovery = 109.96%			
Target Compounds						Qvalue
2) Pyridine	2.17	79	236471	176.86	ng	97
3) N-Nitrosodimethylamine	2.13	74	178678	224.81	ng	98
5) Aniline	4.57	93	307170	188.34	ng	42
6) bis(2-Chloroethyl)ether	4.64	93	197194	167.85	ng	95
8) Phenol	4.57	94	280441	181.44	ng	99
9) 2-Chlorophenol	4.67	128	231975	202.90	ng	81
10) 1,3-Dichlorobenzene	4.79	146	222243	179.94	ng	97
11) 1,4-Dichlorobenzene	4.85	146	222710	171.14	ng	98
12) 1,2-Dichlorobenzene	4.96	146	188288	160.45	ng	96
13) Benzyl alcohol	4.96	108	135090	194.72	ng	71
14) bis(2-chloroisopropyl)ethe	5.06	45	494153	181.07	ng	95
15) 2-Methylphenol	5.05	108	202759	208.48	ng	99
16) Hexachloroethane	5.23	117	94962	162.08	ng	94
17) N-Nitroso-di-n-propylamine	5.18	70	209423	213.65	ng	90
18) 3&4-Methylphenol	5.18	108	191965	186.12	ng	99
21) Nitrobenzene	5.30	77	283135	185.21	ng	98
22) Isophorone	5.48	82	556481	199.26	ng	93
23) 2-Nitrophenol	5.53	139	132784	171.50	ng	96
24) 2,4-Dimethylphenol	5.59	107	270992	195.17	ng	97

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05558.D Vial: 8
Acq On : 12 Aug 2005 11:24 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:41 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:42:56 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.72	105	45048	204.68 ng	97
26)	bis(2-Chloroethoxy)methane	5.66	93	329731	196.21 ng	99
27)	2,4-Dichlorophenol	5.73	162	197008	170.17 ng	99
28)	1,2,4-Trichlorobenzene	5.79	180	219630	170.69 ng	98
29)	Naphthalene	5.85	128	573623	166.97 ng	99
30)	4-Chloroaniline	5.89	127	238013	148.08 ng	97
31)	Hexachlorobutadiene	5.94	225	136184	159.42 ng	100
32)	4-Chloro-3-methylphenol	6.30	107	263481	199.67 ng	99
33)	2-Methylnaphthalene	6.42	142	418322	179.58 ng	99
34)	Methylnaphthalene(Total)	6.42	142	418322	179.58 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.57	216	236882	146.32 ng	97
37)	Hexachlorocyclopentadiene	6.56	237	163898	207.26 ng	95
38)	2,4,6-Trichlorophenol	6.67	196	187524	173.59 ng	97
39)	2,4,5-Trichlorophenol	6.71	196	223629	177.23 ng	94
41)	2-Chloronaphthalene	6.85	162	443874	160.40 ng	96
42)	2-Nitroaniline	6.97	65	274044	175.44 ng	92
43)	1,4-Dimethylnaphthalene	7.17	156	293975	160.80 ng	92
44)	Dimethylnaphthalene(Total)	7.17	156	293975	160.80 ng	92
45)	Diphenyl Ether	6.94	170	366137	158.70 ng	96
46)	Acenaphthylene	7.25	152	650603	154.43 ng	97
47)	Dimethylphthalate	7.14	163	611162	184.62 ng	99
48)	2,6-Dinitrotoluene	7.20	165	151532	195.36 ng	80
49)	Acenaphthene	7.43	153	417600	155.88 ng	97
50)	3-Nitroaniline	7.37	138	125633	159.79 ng	93
51)	2,4-Dinitrophenol	7.48	184	109735	262.79 ng	70
52)	Dibenzofuran	7.60	168	590728	154.33 ng	89
53)	2,4-Dinitrotoluene	7.61	165	193457	186.10 ng	93
54)	4-Nitrophenol	7.55	65	162580	220.60 ng	98
55)	Fluorene	7.96	166	418191	151.07 ng	98
56)	4-Chlorophenyl-phenylether	7.97	204	228237	154.62 ng	92
57)	Diethylphthalate	7.87	149	612359	182.05 ng	99
58)	4-Nitroaniline	8.02	138	178476	197.93 ng	87
60)	4,6-Dinitro-2-methylphenol	8.05	198	143413	209.63 ng	100
61)	n-Nitrosodiphenylamine	8.10	169	395264	167.36 ng	100
63)	1,2-Diphenylhydrazine	8.14	77	739858	176.31 ng	88
64)	4-Bromophenyl-phenylether	8.50	248	209635	170.93 ng	95
65)	Hexachlorobenzene	8.56	284	296026	178.32 ng	96
66)	Pentachlorophenol	8.79	266	188513	254.69 ng	97
67)	Phenanthrene	9.02	178	761902	161.57 ng	99
68)	Anthracene	9.08	178	796613	162.94 ng	99
69)	Carbazole	9.28	167	753428	166.07 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05558.D Vial: 8
Acq On : 12 Aug 2005 11:24 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:41 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:42:56 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

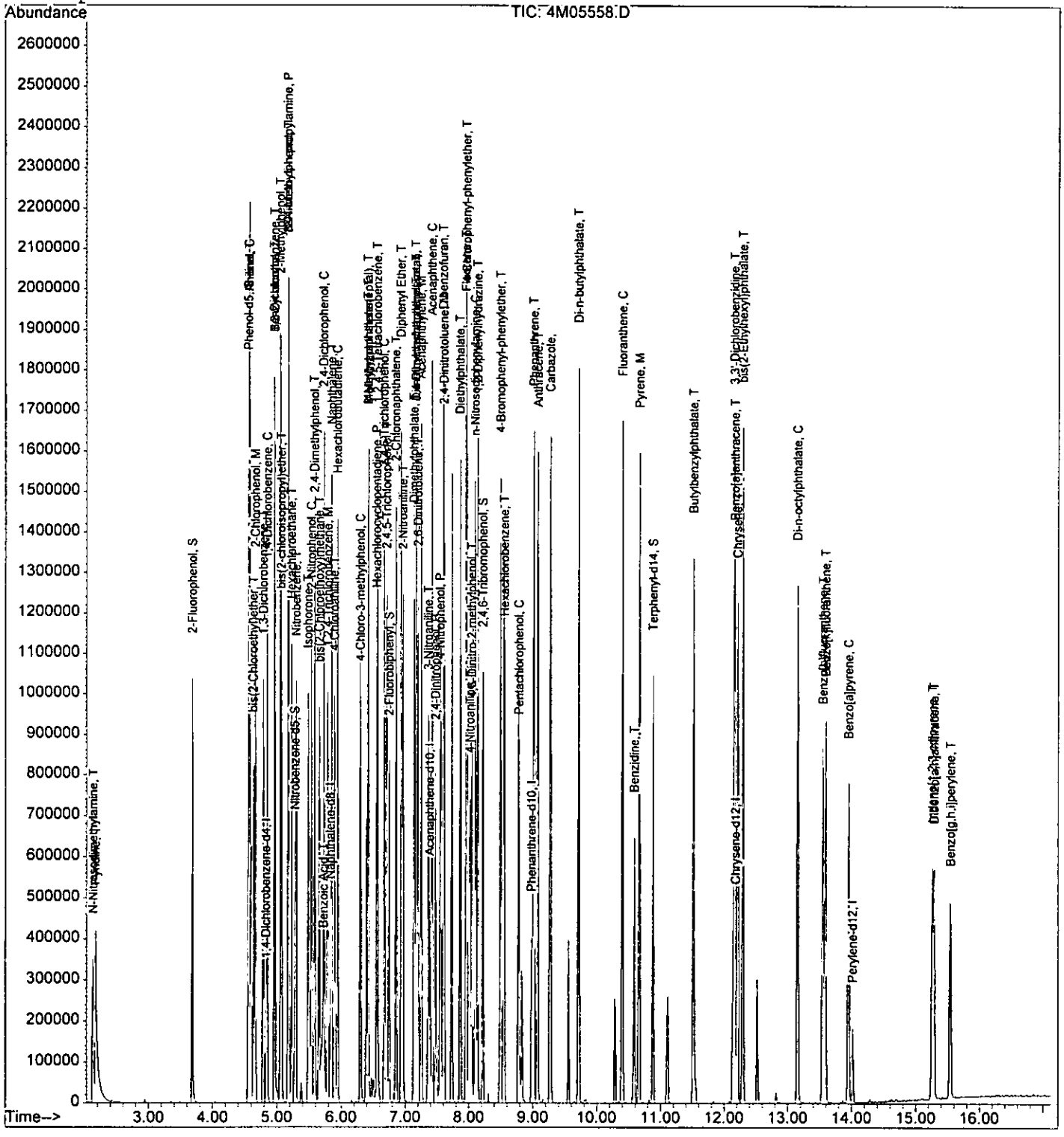
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Di-n-butylphthalate	9.72	149	1026118	165.78 ng	98
71) Fluoranthene	10.40	202	784939	158.12 ng	95
73) Pyrene	10.67	202	782856	186.80 ng	91
74) Benzidine	10.59	184	225025	175.48 ng	98
76) Butylbenzylphthalate	11.52	149	415895	206.05 ng	96
77) 3,3'-Dichlorobenzidine	12.16	252	169910	134.50 ng	98
78) Benzo[a]anthracene	12.17	228	637025	180.87 ng	99
79) Chrysene	12.21	228	562221	176.77 ng	99
80) bis(2-Ethylhexyl)phthalate	12.29	149	541425	205.73 ng	94
82) Di-n-octylphthalate	13.15	149	813469	236.25 ng	99
83) Benzo[b]fluoranthene	13.55	252	547747	208.33 ng	96
84) Benzo[k]fluoranthene	13.59	252	421071	179.79 ng	99
85) Benzo[a]pyrene	13.95	252	425772	191.39 ng	98
86) Indeno[1,2,3-cd]pyrene	15.26	276	396165	166.92 ng	84
87) Dibenzo[a,h]anthracene	15.29	278	329670	171.05 ng	90
88) Benzo[g,h,i]perylene	15.54	276	313503	165.08 ng	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05558.D Vial: 8
Acq On : 12 Aug 2005 11:24 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:41 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05513.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/11/05 10:59:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.84	40.00	40				0.000	0.00	
Pyridine	1	0		2.18	54.16	50			1.633	1.769	8.32	
N-Nitrosodimethylamine	1	0		2.13	50.95	50			0.949	0.967	1.90	
2-Fluorophenol	1	0	S	3.69	53.54	50			1.112	1.191	7.08	
Aniline	1	0		4.58	52.68	50			1.718	1.811	5.36	
bis(2-Chloroethyl)ether	1	0		4.64	55.94	50			1.206	1.349	11.88	
Phenol-d5	1	0	S	4.56	54.78	50			1.397	1.530	9.56	
Phenol	1	0	CC	4.57	59.37	50	20		1.523	1.808	18.74	
2-Chlorophenol	1	0		4.67	55.12	50			1.175	1.296	10.24	
1,3-Dichlorobenzene	1	0		4.79	55.49	50			1.307	1.450	10.98	
1,4-Dichlorobenzene	1	0	CC	4.85	55.68	50	20		1.292	1.438	11.36	
1,2-Dichlorobenzene	1	0		4.98	51.49	50			1.290	1.328	2.98	
Benzyl alcohol	1	0		4.97	59.44	50			0.689	0.819	18.88	
bis(2-chloroisopropyl)ether	1	0		5.07	48.03	50			3.072	2.951	3.94	
2-Methylphenol	1	0		5.06	54.67	50			1.016	1.110	9.34	
Hexachloroethane	1	0		5.23	46.79	50			0.635	0.594	6.42	
N-Nitroso-di-n-propylamine	1	0	CP	5.17	50.88	50	0.05		1.025	1.043	1.76	
3&4-Methylphenol	1	0		5.18	60.71	50			0.957	1.162	21.42	
Naphthalene-d8	1	0	I	5.83	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.28	28.07	25			0.193	0.217	12.28	
Nitrobenzene	1	0		5.29	50.17	50			0.445	0.446	0.34	
Isophorone	1	0		5.49	52.66	50			0.799	0.841	5.32	
2-Nitrophenol	1	0	CC	5.54	51.24	50	20		0.232	0.238	2.48	
2,4-Dimethylphenol	1	0		5.58	50.38	50			0.389	0.392	0.76	
Benzoic Acid	1	0		5.67	45.40	50			0.079	0.072	9.20	
bis(2-Chloroethoxy)methane	1	0		5.66	54.38	50			0.470	0.511	8.76	
2,4-Dichlorophenol	1	0	CC	5.73	59.12	50	20		0.325	0.384	18.24	
1,2,4-Trichlorobenzene	1	0		5.79	57.97	50			0.363	0.421	15.94	
Naphthalene	1	0		5.86	57.39	50			0.946	1.086	14.78	
4-Chloroaniline	1	0		5.91	63.39	50			0.376	0.476	26.78	
Hexachlorobutadiene	1	0	CC	5.96	51.64	50	20		0.247	0.255	3.28	
4-Chloro-3-methylphenol	1	0	CC	6.31	59.23	50	20		0.340	0.403	18.46	
2-Methylnaphthalene	1	0		6.43	56.62	50			0.608	0.689	13.24	
Methylnaphthalene	1	0		6.43	56.62							
Acenaphthene-d10	1	0	I	7.40	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.58	52.30	50			0.702	0.734	4.60	
Hexachlorocyclopentadiene	1	0	CP	6.56	41.80	50	0.05		0.517	0.432	16.40	
2,4,6-Trichlorophenol	1	0	CC	6.68	49.14	50	20		0.499	0.491	1.72	
2,4,5-Trichlorophenol	1	0		6.71	62.26	50			0.474	0.591	24.52	
2-Fluorobiphenyl	1	0	S	6.75	25.89	25			1.368	1.416	3.56	
2-Chloronaphthalene	1	0		6.87	56.50	50			1.125	1.271	13.00	
2-Nitroaniline	1	0		6.96	54.88	50			0.626	0.687	9.76	
1,4-Dimethylnaphthalene	1	0		7.18	56.86	50			0.744	0.846	13.72	
Dimethylnaphthalene	1	0		7.18	56.86							
Diphenyl Ether	1	0		6.95	57.43	50			0.937	1.077	14.86	
Acenaphthylene	1	0		7.26	54.41	50			1.761	1.916	8.82	
Dimethylphthalate	1	0		7.14	51.11	50			1.424	1.456	2.22	
2,6-Dinitrotoluene	1	0		7.20	55.17	50			0.335	0.369	10.34	
Acenaphthene	1	0	CC	7.43	50.74	50	20		1.145	1.162	1.48	
3-Nitroaniline	1	0		7.37	67.87	50			0.291	0.396	35.74	
2,4-Dinitrophenol	1	0	CP	7.48	46.95	50	0.05		0.165	0.155	6.10	
Dibenzofuran	1	0		7.60	59.97	50			1.399	1.678	19.94	
2,4-Dinitrotoluene	1	0		7.60	60.09	50			0.389	0.467	20.18	
4-Nitrophenol	1	0	CP	7.54	59.42	50	0.05		0.277	0.330	18.84	
Fluorene	1	0		7.96	56.76	50			1.073	1.218	13.52	
4-Chlorophenyl-phenylether	1	0		7.97	56.83	50			0.591	0.672	13.66	
Diethylphthalate	1	0		7.86	52.88	50			1.439	1.522	5.76	
4-Nitroaniline	1	0		7.99	65.88	50			0.272	0.358	31.76	
Phenanthrene-d10	1	0	I	8.99	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.03	46.02	50			0.165	0.151	7.96	
n-Nitrosodiphenylamine	1	0	CC	8.10	47.27	50	20		0.595	0.563	5.46	
2,4,6-Tribromophenol	1	0	S	8.23	48.42	50			0.201	0.195	3.16	
1,2-Diphenylhydrazine	1	0		8.15	43.25	50			1.090	0.943	13.50	
4-Bromophenyl-phenylether	1	0		8.50	45.94	50			0.304	0.279	8.12	
Hexachlorobenzene	1	0		8.56	46.18	50			0.402	0.372	7.64	
Pentachlorophenol	1	0	CC	8.79	47.78	50	20		0.193	0.185	4.44	
Phenanthrene	1	0		9.02	52.26	50			1.020	1.066	4.52	
Anthracene	1	0		9.09	54.27	50			1.016	1.103	8.54	
Carbazole	1	0		9.28	57.26	50			0.857	0.981	14.52	
Di-n-butylphthalate	1	0		9.72	44.54	50			1.585	1.412	10.92	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05513.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/11/05 10:59:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.41	59.57	50	20		0.898	1.070	19.14	
Chrysene-d12	1	0	I	12.18	40.00	40				0.000	0.00	
Pyrene	1	0		10.67	47.02	50			1.600	1.505	5.96	
Benzidine	1	0		10.59	51.99	50			0.400	0.416	3.98	
Terphenyl-d14	1	0	S	10.90	23.43	25			1.134	1.062	6.28	
Butylbenzylphthalate	1	0		11.53	40.84	50			0.865	0.706	18.32	
3,3'-Dichlorobenzidine	1	0		12.16	57.41	50			0.403	0.462	14.82	
Benzo[a]anthracene	1	0		12.17	49.77	50			1.285	1.280	0.46	
Chrysene	1	0		12.21	49.20	50			1.139	1.121	1.60	
bis(2-Ethylhexyl)phthalate	1	0		12.31	34.88	50			1.268	0.884	30.24	
Perylene-d12	1	0	I	14.02	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.17	42.56	50	20		2.169	1.846	14.88	
Benzo[b]fluoranthene	1	0		13.55	54.38	50			1.479	1.609	8.76	
Benzo[k]fluoranthene	1	0		13.59	57.00	50			1.352	1.541	14.00	
Benzo[a]pyrene	1	0	CC	13.96	51.80	50	20		1.302	1.349	3.60	
Indeno[1,2,3-cd]pyrene	1	0		15.27	47.79	50			1.468	1.403	4.42	
Dibenzo[a,h]anthracene	1	0		15.29	46.47	50			1.172	1.089	7.06	
Benzo[g,h,i]perylene	1	0		15.55	44.66	50			1.230	1.098	10.68	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05513.D Vial: 2
Acq On : 11 Aug 2005 10:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 11:17 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	45242	40.00	ng	-0.02
19) Naphthalene-d8	5.83	136	129945	40.00	ng	-0.03
35) Acenaphthene-d10	7.40	164	71916	40.00	ng	-0.02
59) Phenanthrene-d10	8.99	188	120098	40.00	ng	-0.02
72) Chrysene-d12	12.18	240	87232	40.00	ng	-0.02
81) Perylene-d12	14.02	264	58802	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	67359	53.54	ng	-0.03
Spiked Amount 200.000			Recovery = 26.77%			
7) Phenol-d5	4.56	99	86535	54.78	ng	-0.03
Spiked Amount 200.000			Recovery = 27.39%			
20) Nitrobenzene-d5	5.28	128	17637	28.07	ng	-0.02
Spiked Amount 100.000			Recovery = 28.07%			
40) 2-Fluorobiphenyl	6.75	172	63663	25.89	ng	-0.03
Spiked Amount 100.000			Recovery = 25.89%			
62) 2,4,6-Tribromophenol	8.23	332	29282	48.42	ng	-0.02
Spiked Amount 200.000			Recovery = 24.21%			
75) Terphenyl-d14	10.90	244	57909	23.43	ng	-0.02
Spiked Amount 100.000			Recovery = 23.43%			
Target Compounds						Qvalue
2) Pyridine	2.18	79	100028	54.16	ng	93
3) N-Nitrosodimethylamine	2.13	74	54688	50.95	ng	95
5) Aniline	4.58	93	102389	52.68	ng	45
6) bis(2-Chloroethyl)ether	4.64	93	76295	55.94	ng	93
8) Phenol	4.57	94	102235	59.37	ng	83
9) 2-Chlorophenol	4.67	128	73288	55.12	ng	87
10) 1,3-Dichlorobenzene	4.79	146	82018	55.49	ng	99
11) 1,4-Dichlorobenzene	4.85	146	81336	55.68	ng	99
12) 1,2-Dichlorobenzene	4.98	146	75124	51.49	ng	98
13) Benzyl alcohol	4.97	108	46329	59.44	ng	90
14) bis(2-chloroisopropyl)ethe	5.07	45	166898	48.03	ng	96
15) 2-Methylphenol	5.06	108	62794	54.67	ng	99
16) Hexachloroethane	5.23	117	33619	46.79	ng	76
17) N-Nitroso-di-n-propylamine	5.17	70	58979	50.88	ng	92
18) 3&4-Methylphenol	5.18	108	65721	60.71	ng	99
21) Nitrobenzene	5.29	77	72501	50.17	ng	85
22) Isophorone	5.49	82	136656	52.66	ng	100
23) 2-Nitrophenol	5.54	139	38632	51.24	ng	85
24) 2,4-Dimethylphenol	5.58	107	63617	50.38	ng	91

(#) = qualifier out of range (m) = manual integration

1/8/05

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05513.D Vial: 2
Acq On : 11 Aug 2005 10:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 11:17 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.67	105	11683	45.40 ng	93
26)	bis(2-Chloroethoxy)methane	5.66	93	82970	54.38 ng	97
27)	2,4-Dichlorophenol	5.73	162	62411	59.12 ng	91
28)	1,2,4-Trichlorobenzene	5.79	180	68347	57.97 ng	97
29)	Naphthalene	5.86	128	176363	57.39 ng	99
30)	4-Chloroaniline	5.91	127	77383	63.39 ng	98
31)	Hexachlorobutadiene	5.96	225	41369	51.64 ng	98
32)	4-Chloro-3-methylphenol	6.31	107	65437	59.23 ng	97
33)	2-Methylnaphthalene	6.43	142	111912	56.62 ng	97
34)	Methylnaphthalene(Total)	6.43	142	111912	56.62 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.58	216	66013	52.30 ng	98
37)	Hexachlorocyclopentadiene	6.56	237	38834	41.80 ng	99
38)	2,4,6-Trichlorophenol	6.68	196	44121	49.14 ng	98
39)	2,4,5-Trichlorophenol	6.71	196	53087	62.26 ng	95
41)	2-Chloronaphthalene	6.87	162	114248	56.50 ng	96
42)	2-Nitroaniline	6.96	65	61774	54.88 ng	91
43)	1,4-Dimethylnaphthalene	7.18	156	76059	56.86 ng	93
44)	Dimethylnaphthalene(Total)	7.18	156	76059	56.86 ng	93
45)	Diphenyl Ether	6.95	170	96773	57.43 ng	81
46)	Acenaphthylene	7.26	152	172262	54.41 ng	99
47)	Dimethylphthalate	7.14	163	130874	51.11 ng	99
48)	2,6-Dinitrotoluene	7.20	165	33192	55.17 ng	98
49)	Acenaphthene	7.43	153	104427	50.74 ng	96
50)	3-Nitroaniline	7.37	138	35568	67.87 ng	86
51)	2,4-Dinitrophenol	7.48	184	13928	46.95 ng	87
52)	Dibenzofuran	7.60	168	150879	59.97 ng	92
53)	2,4-Dinitrotoluene	7.60	165	41987	60.09 ng	57
54)	4-Nitrophenol	7.54	65	29640	59.42 ng	94
55)	Fluorene	7.96	166	109512	56.76 ng	97
56)	4-Chlorophenyl-phenylether	7.97	204	60381	56.83 ng	91
57)	Diethylphthalate	7.86	149	136825	52.88 ng	97
58)	4-Nitroaniline	7.99	138	32162	65.88 ng	80
60)	4,6-Dinitro-2-methylphenol	8.03	198	22741	46.02 ng	100
61)	n-Nitrosodiphenylamine	8.10	169	84499	47.27 ng	98
63)	1,2-Diphenylhydrazine	8.15	77	141497	43.25 ng	83
64)	4-Bromophenyl-phenylether	8.50	248	41910	45.94 ng	98
65)	Hexachlorobenzene	8.56	284	55796	46.18 ng	95
66)	Pentachlorophenol	8.79	266	27757	47.78 ng	98
67)	Phenanthrene	9.02	178	160056	52.26 ng	100
68)	Anthracene	9.09	178	165549	54.27 ng	98
69)	Carbazole	9.28	167	147332	57.26 ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05513.D Vial: 2
Acq On : 11 Aug 2005 10:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 11:17 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

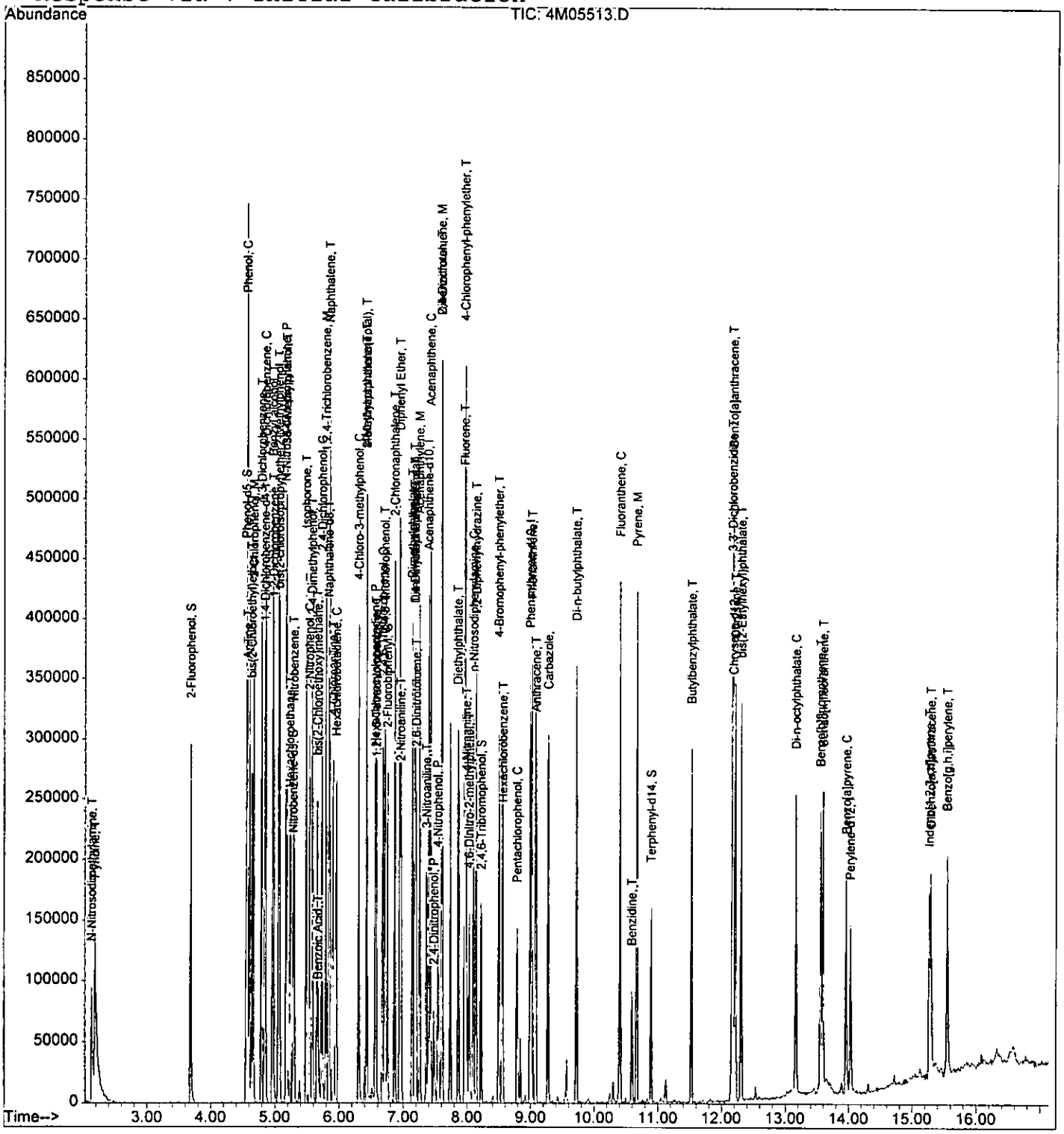
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.72	149	212002	44.54	ng	99
71)	Fluoranthene	10.41	202	160681	59.57	ng	96
73)	Pyrene	10.67	202	164091	47.02	ng	90
74)	Benzidine	10.59	184	45403	51.99	ng	97
76)	Butylbenzylphthalate	11.53	149	77002	40.84	ng	85
77)	3,3'-Dichlorobenzidine	12.16	252	50418	57.41	ng	99
78)	Benzo[a]anthracene	12.17	228	139521	49.77	ng	99
79)	Chrysene	12.21	228	122268	49.20	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.31	149	96426	34.88	ng	94
82)	Di-n-octylphthalate	13.17	149	135699	42.56	ng	99
83)	Benzo[b]fluoranthene	13.55	252	118232	54.38	ng	99
84)	Benzo[k]fluoranthene	13.59	252	113298	57.00	ng	99
85)	Benzo[a]pyrene	13.96	252	99152	51.80	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.27	276	103145	47.79	ng	77
87)	Dibenzo[a,h]anthracene	15.29	278	80039	46.47	ng	99
88)	Benzo[g,h,i]perylene	15.55	276	80736	44.66	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05513.D Vial: 2
Acq On : 11 Aug 2005 10:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 11:17 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05589.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/15/2005 6:41:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.82	40.00	40				0.000	0.00	
Pyridine	1	0		2.19	58.46	50			1.509	1.764	16.92	
N-Nitrosodimethylamine	1	0		2.13	47.79	50			0.933	0.892	4.42	
2-Fluorophenol	1	0	S	3.66	51.21	50			1.175	1.203	2.42	
Aniline	1	0		4.55	53.63	50			1.861	1.996	7.26	
bis(2-Chloroethyl)ether	1	0		4.61	50.59	50			1.321	1.336	1.18	
Phenol-d5	1	0	S	4.54	50.17	50			1.576	1.582	0.34	
Phenol	1	0	CC	4.55	52.89	50	20		1.755	1.856	5.78	
2-Chlorophenol	1	0		4.64	50.46	50			1.318	1.330	0.92	
1,3-Dichlorobenzene	1	0		4.77	51.63	50			1.401	1.446	3.26	
1,4-Dichlorobenzene	1	0	CC	4.84	52.39	50	20		1.467	1.537	4.78	
1,2-Dichlorobenzene	1	0		4.95	55.81	50			1.312	1.465	11.62	
Benzyl alcohol	1	0		4.94	53.27	50			0.795	0.847	6.54	
bis(2-chloroisopropyl)ether	1	0		5.05	49.89	50			3.098	3.091	0.22	
2-Methylphenol	1	0		5.04	46.49	50			1.126	1.047	7.02	
Hexachloroethane	1	0		5.22	52.84	50			0.656	0.693	5.68	
N-Nitroso-di-n-propylamine	1	0	CP	5.15	50.17	50	0.05		1.139	1.143	0.34	
3&4-Methylphenol	1	0		5.15	48.63	50			1.175	1.143	2.74	
Naphthalene-d8	1	0	I	5.82	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.27	23.96	25			0.186	0.178	4.16	
Nitrobenzene	1	0		5.28	59.57	50			0.428	0.510	19.14	
Isophorone	1	0		5.46	49.61	50			0.790	0.784	0.78	
2-Nitrophenol	1	0	CC	5.52	57.25	50	20		0.215	0.246	14.50	
2,4-Dimethylphenol	1	0		5.56	56.50	50			0.392	0.443	13.00	
Benzoic Acid	1	0		5.65	90.30	50			0.063	0.113	80.60	
bis(2-Chloroethoxy)methane	1	0		5.64	55.50	50			0.474	0.526	11.00	
2,4-Dichlorophenol	1	0	CC	5.72	53.96	50	20		0.321	0.346	7.92	
1,2,4-Trichlorobenzene	1	0		5.77	53.88	50			0.357	0.384	7.76	
Naphthalene	1	0		5.83	53.50	50			0.949	1.016	7.00	
4-Chloroaniline	1	0		5.88	55.37	50			0.455	0.504	10.74	
Hexachlorobutadiene	1	0	CC	5.93	58.18	50	20		0.235	0.273	16.36	
4-Chloro-3-methylphenol	1	0	CC	6.28	51.39	50	20		0.373	0.384	2.78	
2-Methylnaphthalene	1	0		6.40	51.69	50			0.650	0.672	3.38	
Methylnaphthalene	1	0		6.40	51.69							
Acenaphthene-d10	1	0	I	7.37	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.56	54.59	50			0.688	0.751	9.18	
Hexachlorocyclopentadiene	1	0	CP	6.55	55.65	50	0.05		0.338	0.376	11.30	
2,4,6-Trichlorophenol	1	0	CC	6.66	58.40	50	20		0.450	0.526	16.80	
2,4,5-Trichlorophenol	1	0		6.69	53.81	50			0.528	0.568	7.62	
2-Fluorobiphenyl	1	0	S	6.73	26.52	25			1.272	1.349	6.08	
2-Chloronaphthalene	1	0		6.84	55.69	50			1.143	1.273	11.38	
2-Nitroaniline	1	0		6.94	52.78	50			0.652	0.689	5.56	
1,4-Dimethylnaphthalene	1	0		7.16	57.55	50			0.755	0.869	15.10	
Dimethylnaphthalene	1	0		7.16	57.55							
Diphenyl Ether	1	0		6.92	55.75	50			0.952	1.061	11.50	
Acenaphthylene	1	0		7.23	54.45	50			1.732	1.886	8.90	
Dimethylphthalate	1	0		7.12	52.99	50			1.391	1.475	5.98	
2,6-Dinitrotoluene	1	0		7.18	53.60	50			0.329	0.352	7.20	
Acenaphthene	1	0	CC	7.40	55.79	50	20		1.103	1.230	11.58	
3-Nitroaniline	1	0		7.34	61.08	50			0.334	0.408	22.16	
2,4-Dinitrophenol	1	0	CP	7.46	48.05	50	0.05		0.189	0.181	3.90	
Dibenzofuran	1	0		7.58	54.47	50			1.574	1.714	8.94	
2,4-Dinitrotoluene	1	0		7.58	54.51	50			0.437	0.477	9.02	
4-Nitrophenol	1	0	CP	7.53	58.86	50	0.05		0.318	0.374	17.72	
Fluorene	1	0		7.94	54.27	50			1.176	1.277	8.54	
4-Chlorophenyl-phenylether	1	0		7.95	57.30	50			0.607	0.696	14.60	
Diethylphthalate	1	0		7.83	49.59	50			1.411	1.400	0.82	
4-Nitroaniline	1	0		7.97	49.33	50			0.383	0.378	1.34	
Phenanthrene-d10	1	0	I	8.97	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.01	46.53	50			0.149	0.139	6.94	
n-Nitrosodiphenylamine	1	0	CC	8.07	54.85	50	20		0.498	0.547	9.70	
2,4,6-Tribromophenol	1	0	S	8.19	48.54	50			0.179	0.174	2.92	
1,2-Diphenylhydrazine	1	0		8.11	48.46	50			0.891	0.864	3.08	
4-Bromophenyl-phenylether	1	0		8.48	51.70	50			0.260	0.268	3.40	
Hexachlorobenzene	1	0		8.53	50.01	50			0.353	0.353	0.02	
Pentachlorophenol	1	0	CC	8.76	54.16	50	20		0.167	0.181	8.32	
Phenanthrene	1	0		8.99	55.55	50			0.991	1.101	11.10	
Anthracene	1	0		9.05	56.28	50			1.028	1.158	12.56	
Carbazole	1	0		9.24	52.44	50			0.957	1.003	4.88	
Di-n-butylphthalate	1	0		9.69	57.29	50			1.305	1.495	14.58	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05589.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/15/2005 6:41:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.38	53.50	50	20		1.041	1.113	7.00	
Chrysene-d12	1	0	I	12.15	40.00	40				0.000	0.00	
Pyrene	1	0		10.63	53.18	50			1.482	1.576	6.36	
Benzidine	1	0		10.57	44.92	50			0.450	0.404	10.16	
Terphenyl-d14	1	0	S	10.86	23.91	25			1.079	1.032	4.36	
Butylbenzylphthalate	1	0		11.49	48.81	50			0.724	0.706	2.38	
3,3'-Dichlorobenzidine	1	0		12.14	58.69	50			0.469	0.551	17.38	
Benzo[a]anthracene	1	0		12.14	52.49	50			1.240	1.302	4.98	
Chrysene	1	0		12.18	53.17	50			1.117	1.187	6.34	
bis(2-Ethylhexyl)phthalate	1	0		12.27	53.11	50			0.943	1.002	6.22	
Perylene-d12	1	0	I	13.99	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.13	47.82	50	20		2.145	2.051	4.36	
Benzo[b]fluoranthene	1	0		13.52	50.51	50			1.599	1.615	1.02	
Benzo[k]fluoranthene	1	0		13.56	55.77	50			1.396	1.557	11.54	
Benzo[a]pyrene	1	0	CC	13.93	54.41	50	20		1.337	1.455	8.82	
Indeno[1,2,3-cd]pyrene	1	0		15.23	56.93	50			1.401	1.595	13.86	
Dibenzo[a,h]anthracene	1	0		15.26	55.89	50			1.141	1.276	11.78	
Benzo[g,h,i]perylene	1	0		15.51	59.40	50			1.120	1.330	18.80	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05589.D Vial: 2
Acq On : 15 Aug 2005 6:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 7:11 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	25307	40.00	ng	-0.02
19) Naphthalene-d8	5.82	136	80991	40.00	ng	-0.01
35) Acenaphthene-d10	7.37	164	43965	40.00	ng	-0.01
59) Phenanthrene-d10	8.97	188	76585	40.00	ng	-0.01
72) Chrysene-d12	12.15	240	56425	40.00	ng	-0.02
81) Perylene-d12	13.99	264	41926	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	3.66	112	38058	51.21	ng	-0.02
Spiked Amount 200.000			Recovery = 25.61%			
7) Phenol-d5	4.54	99	50036	50.17	ng	-0.01
Spiked Amount 200.000			Recovery = 25.09%			
20) Nitrobenzene-d5	5.27	128	9022	23.96	ng	-0.01
Spiked Amount 100.000			Recovery = 23.96%			
40) 2-Fluorobiphenyl	6.73	172	37076	26.52	ng	-0.01
Spiked Amount 100.000			Recovery = 26.52%			
62) 2,4,6-Tribromophenol	8.19	332	16629	48.54	ng	-0.02
Spiked Amount 200.000			Recovery = 24.27%			
75) Terphenyl-d14	10.86	244	36379	23.91	ng	-0.02
Spiked Amount 100.000			Recovery = 23.91%			
Target Compounds						Qvalue
2) Pyridine	2.19	79	55803	58.46	ng	93
3) N-Nitrosodimethylamine	2.13	74	28224	47.79	ng	97
5) Aniline	4.55	93	63146	53.63	ng	52
6) bis(2-Chloroethyl)ether	4.61	93	42271	50.59	ng	91
8) Phenol	4.55	94	58728	52.89	ng	92
9) 2-Chlorophenol	4.64	128	42082	50.46	ng	73
10) 1,3-Dichlorobenzene	4.77	146	45757	51.63	ng	94
11) 1,4-Dichlorobenzene	4.84	146	48606	52.39	ng	98
12) 1,2-Dichlorobenzene	4.95	146	46330	55.81	ng	94
13) Benzyl alcohol	4.94	108	26803	53.27	ng	60
14) bis(2-chloroisopropyl)ethe	5.05	45	97782	49.89	ng	96
15) 2-Methylphenol	5.04	108	33113	46.49	ng	100
16) Hexachloroethane	5.22	117	21929	52.84	ng	88
17) N-Nitroso-di-n-propylamine	5.15	70	36147	50.17	ng	77
18) 3&4-Methylphenol	5.15	108	36157	48.63	ng	98
21) Nitrobenzene	5.28	77	51637	59.57	ng	96
22) Isophorone	5.46	82	79364	49.61	ng	92
23) 2-Nitrophenol	5.52	139	24885	57.25	ng	90
24) 2,4-Dimethylphenol	5.56	107	44802	56.50	ng	96

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05589.D Vial: 2
Acq On : 15 Aug 2005 6:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 7:11 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.65	105	11434	90.30 ng	97
26) bis(2-Chloroethoxy)methane	5.64	93	53302	55.50 ng	96
27) 2,4-Dichlorophenol	5.72	162	35041	53.96 ng	85
28) 1,2,4-Trichlorobenzene	5.77	180	38896	53.88 ng	92
29) Naphthalene	5.83	128	102847	53.50 ng	99
30) 4-Chloroaniline	5.88	127	51001	55.37 ng	98
31) Hexachlorobutadiene	5.93	225	27658	58.18 ng	97
32) 4-Chloro-3-methylphenol	6.28	107	38856	51.39 ng	85
33) 2-Methylnaphthalene	6.40	142	67995	51.69 ng	100
34) Methylnaphthalene(Total)	6.40	142	67995	51.69 ng	100
36) 1,2,4,5-Tetrachlorobenzene	6.56	216	41281	54.59 ng	97
37) Hexachlorocyclopentadiene	6.55	237	20662	55.65 ng	93
38) 2,4,6-Trichlorophenol	6.66	196	28912	58.40 ng	99
39) 2,4,5-Trichlorophenol	6.69	196	31202	53.81 ng	94
41) 2-Chloronaphthalene	6.84	162	69949	55.69 ng	98
42) 2-Nitroaniline	6.94	65	37839	52.78 ng	70
43) 1,4-Dimethylnaphthalene	7.16	156	47774	57.55 ng	92
44) Dimethylnaphthalene(Total)	7.16	156	47774	57.55 ng	92
45) Diphenyl Ether	6.92	170	58313	55.75 ng	86
46) Acenaphthylene	7.23	152	103667	54.45 ng	98
47) Dimethylphthalate	7.12	163	81040	52.99 ng	98
48) 2,6-Dinitrotoluene	7.18	165	19357	53.60 ng	97
49) Acenaphthene	7.40	153	67613	55.79 ng	99
50) 3-Nitroaniline	7.34	138	22433	61.08 ng	91
51) 2,4-Dinitrophenol	7.46	184	9962	48.05 ng	85
52) Dibenzofuran	7.58	168	94215	54.47 ng	95
53) 2,4-Dinitrotoluene	7.58	165	26209	54.51 ng	63
54) 4-Nitrophenol	7.53	65	20562	58.86 ng	99
55) Fluorene	7.94	166	70169	54.27 ng	99
56) 4-Chlorophenyl-phenylether	7.95	204	38230	57.30 ng	97
57) Diethylphthalate	7.83	149	76915	49.59 ng	99
58) 4-Nitroaniline	7.97	138	20746	49.33 ng	92
60) 4,6-Dinitro-2-methylphenol	8.01	198	13297	46.53 ng	100
61) n-Nitrosodiphenylamine	8.07	169	52342	54.85 ng	97
63) 1,2-Diphenylhydrazine	8.11	77	82713	48.46 ng	97
64) 4-Bromophenyl-phenylether	8.48	248	25688	51.70 ng	92
65) Hexachlorobenzene	8.53	284	33817	50.01 ng	79
66) Pentachlorophenol	8.76	266	17341	54.16 ng	95
67) Phenanthrene	8.99	178	105398	55.55 ng	99
68) Anthracene	9.05	178	110822	56.28 ng	98
69) Carbazole	9.24	167	96044	52.44 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05589.D Vial: 2
Acq On : 15 Aug 2005 6:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 7:11 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

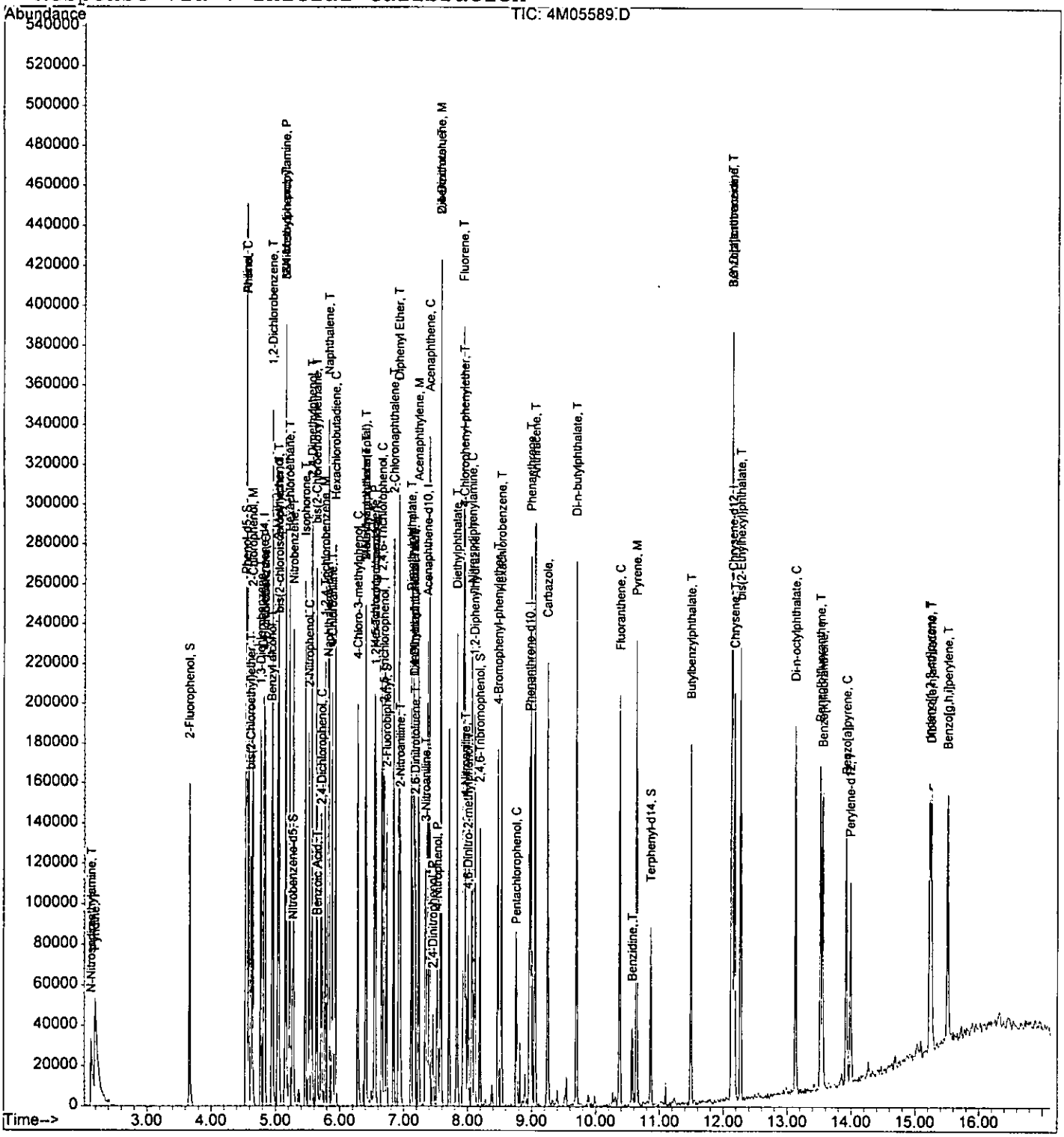
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.69	149	143113	57.29	ng	99
71)	Fluoranthene	10.38	202	106594	53.50	ng	88
73)	Pyrene	10.63	202	111177	53.18	ng	98
74)	Benzidine	10.57	184	28498	44.92	ng	98
76)	Butylbenzylphthalate	11.49	149	49830	48.81	ng	92
77)	3,3'-Dichlorobenzidine	12.14	252	38828	58.69	ng	98
78)	Benzo[a]anthracene	12.14	228	91827	52.49	ng	99
79)	Chrysene	12.18	228	83745	53.17	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.27	149	70668	53.11	ng	100
82)	Di-n-octylphthalate	13.13	149	107501	47.82	ng	100
83)	Benzo[b]fluoranthene	13.52	252	84663	50.51	ng	97
84)	Benzo[k]fluoranthene	13.56	252	81583	55.77	ng	97
85)	Benzo[a]pyrene	13.93	252	76239	54.41	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.23	276	83606	56.93	ng	94
87)	Dibenzo[a,h]anthracene	15.26	278	66860	55.89	ng	94
88)	Benzo[g,h,i]perylene	15.51	276	69710	59.40	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05589.D Vial: 2
Acq On : 15 Aug 2005 6:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 7:11 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05614.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/15/2005 5:41:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.81	40.00	40				0.000	0.00	
Pyridine	1	0		2.18	50.72	50			1.509	1.531	1.44	
N-Nitrosodimethylamine	1	0		2.12	48.44	50			0.933	0.904	3.12	
2-Fluorophenol	1	0	S	3.65	51.42	50			1.175	1.208	2.84	
Aniline	1	0		4.54	51.97	50			1.861	1.935	3.94	
bis(2-Chloroethyl)ether	1	0		4.60	49.55	50			1.321	1.309	0.90	
Phenol-d5	1	0	S	4.53	46.58	50			1.576	1.469	6.84	
Phenol	1	0	CC	4.54	50.56	50	20		1.755	1.775	1.12	
2-Chlorophenol	1	0		4.63	48.72	50			1.318	1.285	2.56	
1,3-Dichlorobenzene	1	0		4.77	52.68	50			1.401	1.476	5.36	
1,4-Dichlorobenzene	1	0	CC	4.83	50.87	50	20		1.467	1.492	1.74	
1,2-Dichlorobenzene	1	0		4.94	53.24	50			1.312	1.397	6.48	
Benzyl alcohol	1	0		4.93	47.92	50			0.795	0.762	4.16	
bis(2-chloroisopropyl)ether	1	0		5.04	47.28	50			3.098	2.930	5.44	
2-Methylphenol	1	0		5.03	44.54	50			1.126	1.003	10.92	
Hexachloroethane	1	0		5.21	53.22	50			0.656	0.698	6.44	
N-Nitroso-di-n-propylamine	1	0	CP	5.15	47.09	50	0.05		1.139	1.073	5.82	
3&4-Methylphenol	1	0		5.15	46.58	50			1.175	1.095	6.84	
Naphthalene-d8	1	0	I	5.80	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.26	24.66	25			0.186	0.183	1.36	
Nitrobenzene	1	0		5.27	56.74	50			0.428	0.486	13.48	
Isophorone	1	0		5.45	53.38	50			0.790	0.843	6.76	
2-Nitrophenol	1	0	CC	5.51	58.82	50	20		0.215	0.253	17.64	
2,4-Dimethylphenol	1	0		5.55	55.52	50			0.392	0.435	11.04	
Benzoic Acid	1	0		5.64	77.22	50			0.063	0.097	54.44	
bis(2-Chloroethoxy)methane	1	0		5.63	53.48	50			0.474	0.507	6.96	
2,4-Dichlorophenol	1	0	CC	5.70	54.14	50	20		0.321	0.347	8.28	
1,2,4-Trichlorobenzene	1	0		5.76	54.49	50			0.357	0.389	8.98	
Naphthalene	1	0		5.82	57.10	50			0.949	1.084	14.20	
4-Chloroaniline	1	0		5.87	54.59	50			0.455	0.497	9.18	
Hexachlorobutadiene	1	0	CC	5.92	57.69	50	20		0.235	0.271	15.38	
4-Chloro-3-methylphenol	1	0	CC	6.27	51.45	50	20		0.373	0.384	2.90	
2-Methylnaphthalene	1	0		6.39	54.84	50			0.650	0.713	9.68	
Methylnaphthalene	1	0		6.39	54.84							
Acenaphthene-d10	1	0	I	7.35	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.54	53.56	50			0.688	0.737	7.12	
Hexachlorocyclopentadiene	1	0	CP	6.53	44.85	50	0.05		0.338	0.303	10.30	
2,4,6-Trichlorophenol	1	0	CC	6.65	56.21	50	20		0.450	0.506	12.42	
2,4,5-Trichlorophenol	1	0		6.68	52.79	50			0.528	0.557	5.58	
2-Fluorobiphenyl	1	0	S	6.72	27.93	25			1.272	1.421	11.72	
2-Chloronaphthalene	1	0		6.83	55.77	50			1.143	1.275	11.54	
2-Nitroaniline	1	0		6.92	51.48	50			0.652	0.671	2.96	
1,4-Dimethylnaphthalene	1	0		7.14	57.90	50			0.755	0.875	15.80	
Dimethylnaphthalene	1	0		7.14	57.90							
Diphenyl Ether	1	0		6.91	55.33	50			0.952	1.053	10.66	
Acenaphthylene	1	0		7.22	58.38	50			1.732	2.023	16.76	
Dimethylphthalate	1	0		7.11	49.63	50			1.391	1.381	0.74	
2,6-Dinitrotoluene	1	0		7.16	47.92	50			0.329	0.315	4.16	
Acenaphthene	1	0	CC	7.39	56.28	50	20		1.103	1.241	12.56	
3-Nitroaniline	1	0		7.32	55.03	50			0.334	0.368	10.06	
2,4-Dinitrophenol	1	0	CP	7.45	29.38	50	0.05		0.189	0.111	41.24	
Dibenzofuran	1	0		7.57	55.78	50			1.574	1.756	11.56	
2,4-Dinitrotoluene	1	0		7.57	53.23	50			0.437	0.466	6.46	
4-Nitrophenol	1	0	CP	7.51	45.75	50	0.05		0.318	0.291	8.50	
Fluorene	1	0		7.93	57.64	50			1.176	1.356	15.28	
4-Chlorophenyl-phenylether	1	0		7.94	61.65	50			0.607	0.749	23.30	
Diethylphthalate	1	0		7.82	55.47	50			1.411	1.566	10.94	
4-Nitroaniline	1	0		7.96	47.42	50			0.383	0.363	5.16	
Phenanthrene-d10	1	0	I	8.95	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.00	41.67	50			0.149	0.124	16.66	
n-Nitrosodiphenylamine	1	0	CC	8.06	53.30	50	20		0.498	0.531	6.60	
2,4,6-Tribromophenol	1	0	S	8.18	51.83	50			0.179	0.185	3.66	
1,2-Diphenylhydrazine	1	0		8.10	51.74	50			0.891	0.922	3.48	
4-Bromophenyl-phenylether	1	0		8.46	52.86	50			0.260	0.274	5.72	
Hexachlorobenzene	1	0		8.52	52.77	50			0.353	0.373	5.54	
Pentachlorophenol	1	0	CC	8.74	44.44	50	20		0.167	0.149	11.12	
Phenanthrene	1	0		8.98	56.66	50			0.991	1.123	13.32	
Anthracene	1	0		9.04	54.48	50			1.028	1.121	8.96	
Carbazole	1	0		9.24	53.59	50			0.957	1.025	7.18	
Di-n-butylphthalate	1	0		9.69	54.51	50			1.305	1.423	9.02	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05614.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/15/2005 5:41:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.36	55.90	50	20		1.041	1.163	11.80	
Chrysene-d12	1	0	I	12.13	40.00	40				0.000	0.00	
Pyrene	1	0		10.63	48.48	50			1.482	1.437	3.04	
Benzidine	1	0		10.55	38.34	50			0.450	0.345	23.32	
Terphenyl-d14	1	0	S	10.85	22.72	25			1.079	0.980	9.12	
Butylbenzylphthalate	1	0		11.47	44.42	50			0.724	0.643	11.16	
3,3'-Dichlorobenzidine	1	0		12.12	52.73	50			0.469	0.495	5.46	
Benzo[a]anthracene	1	0		12.12	49.33	50			1.240	1.223	1.34	
Chrysene	1	0		12.16	52.73	50			1.117	1.177	5.46	
bis(2-Ethylhexyl)phthalate	1	0		12.25	54.04	50			0.943	1.019	8.08	
Perylene-d12	1	0	I	13.97	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.11	44.06	50	20		2.145	1.890	11.88	
Benzo[b]fluoranthene	1	0		13.50	48.11	50			1.599	1.539	3.78	
Benzo[k]fluoranthene	1	0		13.53	48.65	50			1.396	1.358	2.70	
Benzo[a]pyrene	1	0	CC	13.90	50.88	50	20		1.337	1.360	1.76	
Indeno[1,2,3-cd]pyrene	1	0		15.21	56.94	50			1.401	1.596	13.88	
Dibenzo[a,h]anthracene	1	0		15.23	56.49	50			1.141	1.289	12.98	
Benzo[g,h,i]perylene	1	0		15.48	59.71	50			1.120	1.337	19.42	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05614.D Vial: 2
Acq On : 15 Aug 2005 17:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 17:58 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	30747	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	91594	40.00	ng	-0.03
35) Acenaphthene-d10	7.35	164	49470	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	88316	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	74454	40.00	ng	-0.04
81) Perylene-d12	13.97	264	62098	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	46421	51.42	ng	-0.03
Spiked Amount 200.000			Recovery = 25.71%			
7) Phenol-d5	4.53	99	56443	46.58	ng	-0.02
Spiked Amount 200.000			Recovery = 23.29%			
20) Nitrobenzene-d5	5.26	128	10502	24.66	ng	-0.02
Spiked Amount 100.000			Recovery = 24.66%			
40) 2-Fluorobiphenyl	6.72	172	43938	27.93	ng	-0.02
Spiked Amount 100.000			Recovery = 27.93%			
62) 2,4,6-Tribromophenol	8.18	332	20476	51.83	ng	-0.03
Spiked Amount 200.000			Recovery = 25.92%			
75) Terphenyl-d14	10.85	244	45616	22.72	ng	-0.03
Spiked Amount 100.000			Recovery = 22.72%			
Target Compounds						Qvalue
2) Pyridine	2.18	79	58824	50.72	ng	91
3) N-Nitrosodimethylamine	2.12	74	34755	48.44	ng	96
5) Aniline	4.54	93	74354	51.97	ng	50
6) bis(2-Chloroethyl)ether	4.60	93	50305	49.55	ng	97
8) Phenol	4.54	94	68208	50.56	ng	94
9) 2-Chlorophenol	4.63	128	49374	48.72	ng	74
10) 1,3-Dichlorobenzene	4.77	146	56724	52.68	ng	97
11) 1,4-Dichlorobenzene	4.83	146	57351	50.87	ng	99
12) 1,2-Dichlorobenzene	4.94	146	53697	53.24	ng	96
13) Benzyl alcohol	4.93	108	29297	47.92	ng	58
14) bis(2-chloroisopropyl)ethe	5.04	45	112592	47.28	ng	93
15) 2-Methylphenol	5.03	108	38544	44.54	ng	100
16) Hexachloroethane	5.21	117	26833	53.22	ng	94
17) N-Nitroso-di-n-propylamine	5.15	70	41228	47.09	ng	79
18) 3&4-Methylphenol	5.15	108	42070	46.58	ng	100
21) Nitrobenzene	5.27	77	55625	56.74	ng	94
22) Isophorone	5.45	82	96569	53.38	ng	93
23) 2-Nitrophenol	5.51	139	28914	58.82	ng	83
24) 2,4-Dimethylphenol	5.55	107	49792	55.52	ng	98

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05614.D Vial: 2
Acq On : 15 Aug 2005 17:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 17:58 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.64	105	11058	77.22 ng	90
26)	bis(2-Chloroethoxy)methane	5.63	93	58087	53.48 ng	97
27)	2,4-Dichlorophenol	5.70	162	39754	54.14 ng	96
28)	1,2,4-Trichlorobenzene	5.76	180	44489	54.49 ng	94
29)	Naphthalene	5.82	128	124140	57.10 ng	99
30)	4-Chloroaniline	5.87	127	56868	54.59 ng	97
31)	Hexachlorobutadiene	5.92	225	31012	57.69 ng	97
32)	4-Chloro-3-methylphenol	6.27	107	43991	51.45 ng	88
33)	2-Methylnaphthalene	6.39	142	81591	54.84 ng	97
34)	Methylnaphthalene(Total)	6.39	142	81591	54.84 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.54	216	45577	53.56 ng	96
37)	Hexachlorocyclopentadiene	6.53	237	18737	44.85 ng	98
38)	2,4,6-Trichlorophenol	6.65	196	31313	56.21 ng	96
39)	2,4,5-Trichlorophenol	6.68	196	34441	52.79 ng	98
41)	2-Chloronaphthalene	6.83	162	78828	55.77 ng	92
42)	2-Nitroaniline	6.92	65	41522	51.48 ng	99
43)	1,4-Dimethylnaphthalene	7.14	156	54079	57.90 ng	95
44)	Dimethylnaphthalene(Total)	7.14	156	54079	57.90 ng	95
45)	Diphenyl Ether	6.91	170	65121	55.33 ng	76
46)	Acenaphthylene	7.22	152	125072	58.38 ng	99
47)	Dimethylphthalate	7.11	163	85402	49.63 ng	98
48)	2,6-Dinitrotoluene	7.16	165	19473	47.92 ng	64
49)	Acenaphthene	7.39	153	76759	56.28 ng	100
50)	3-Nitroaniline	7.32	138	22743	55.03 ng	94
51)	2,4-Dinitrophenol	7.45	184	6854	29.38 ng	78
52)	Dibenzofuran	7.57	168	108567	55.78 ng	98
53)	2,4-Dinitrotoluene	7.57	165	28797	53.23 ng	89
54)	4-Nitrophenol	7.51	65	17983	45.75 ng	89
55)	Fluorene	7.93	166	83861	57.64 ng	94
56)	4-Chlorophenyl-phenylether	7.94	204	46286	61.65 ng	94
57)	Diethylphthalate	7.82	149	96818	55.47 ng	98
58)	4-Nitroaniline	7.96	138	22444	47.42 ng	86
60)	4,6-Dinitro-2-methylphenol	8.00	198	13731	41.67 ng	100
61)	n-Nitrosodiphenylamine	8.06	169	58652	53.30 ng	96
63)	1,2-Diphenylhydrazine	8.10	77	101828	51.74 ng	90
64)	4-Bromophenyl-phenylether	8.46	248	30285	52.86 ng	93
65)	Hexachlorobenzene	8.52	284	41149	52.77 ng	98
66)	Pentachlorophenol	8.74	266	16407	44.44 ng	99
67)	Phenanthrene	8.98	178	123980	56.66 ng	98
68)	Anthracene	9.04	178	123720	54.48 ng	99
69)	Carbazole	9.24	167	113190	53.59 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05614.D Vial: 2
Acq On : 15 Aug 2005 17:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 17:58 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

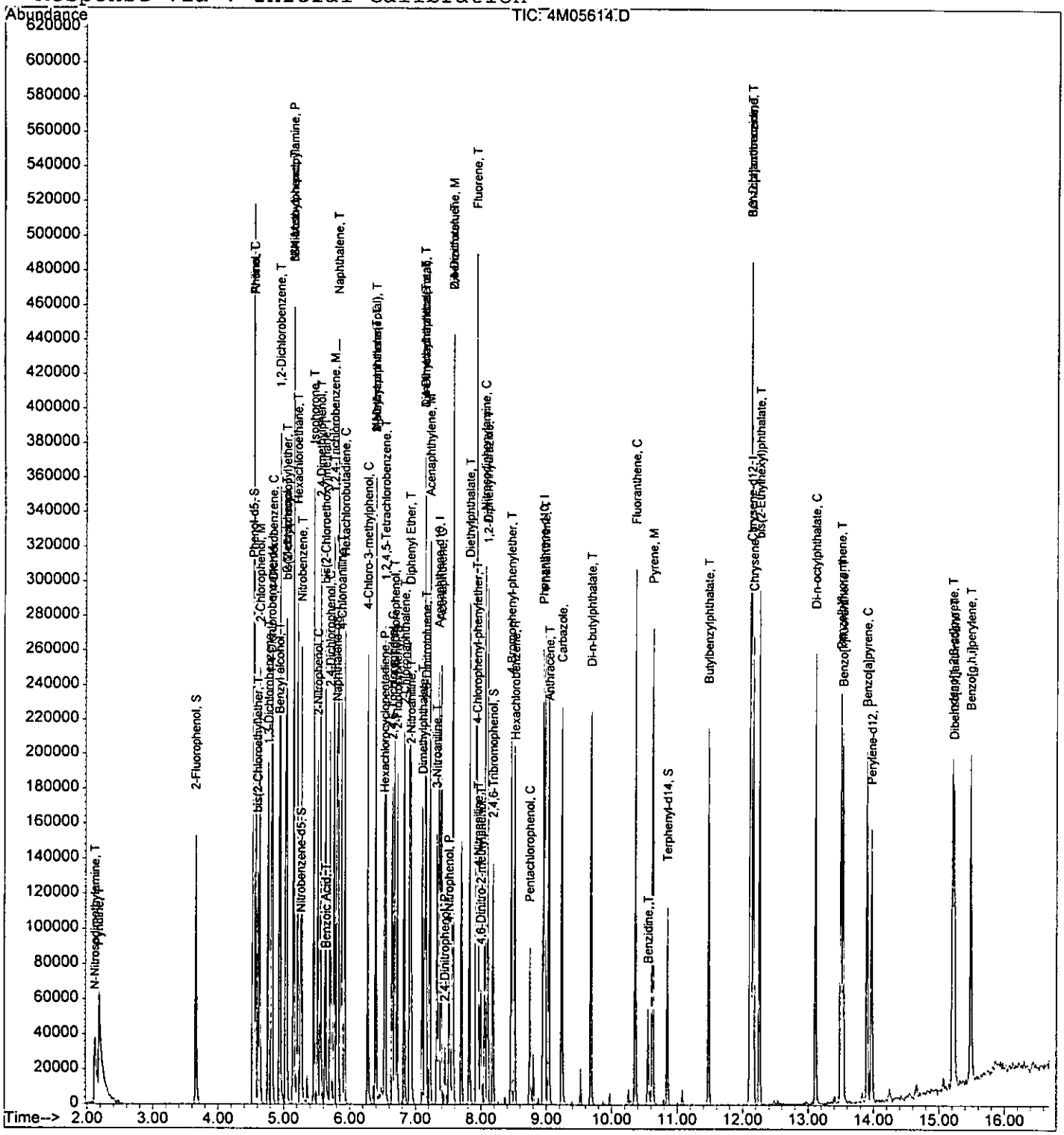
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.69	149	157039	54.51	ng	100
71)	Fluoranthene	10.36	202	128419	55.90	ng	93
73)	Pyrene	10.63	202	133736	48.48	ng	84
74)	Benzidine	10.55	184	32095	38.34	ng	98
76)	Butylbenzylphthalate	11.47	149	59838	44.42	ng	99
77)	3,3'-Dichlorobenzidine	12.12	252	46029	52.73	ng	97
78)	Benzo[a]anthracene	12.12	228	113860	49.33	ng	98
79)	Chrysene	12.16	228	109581	52.73	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.25	149	94882	54.04	ng	94
82)	Di-n-octylphthalate	13.11	149	146721	44.06	ng	100
83)	Benzo[b]fluoranthene	13.50	252	119439	48.11	ng	96
84)	Benzo[k]fluoranthene	13.53	252	105410	48.65	ng	95
85)	Benzo[a]pyrene	13.90	252	105603	50.88	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.21	276	123858	56.94	ng	82
87)	Dibenzo[a,h]anthracene	15.23	278	100092	56.49	ng	99
88)	Benzo[g,h,i]perylene	15.48	276	103790	59.71	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05614.D Vial: 2
Acq On : 15 Aug 2005 17:41 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 17:58 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05636.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/16/2005 6:39:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.80	40.00	40				0.000	0.00	
Pyridine	1	0		2.15	58.00	50			1.509	1.750	16.00	
N-Nitrosodimethylamine	1	0		2.09	54.64	50			0.933	1.020	9.28	
2-Fluorophenol	1	0	S	3.65	54.43	50			1.175	1.279	8.86	
Aniline	1	0		4.53	52.36	50			1.861	1.949	4.72	
bis(2-Chloroethyl)ether	1	0		4.60	50.58	50			1.321	1.336	1.16	
Phenol-d5	1	0	S	4.52	52.68	50			1.576	1.661	5.36	
Phenol	1	0	CC	4.53	55.83	50	20		1.755	1.959	11.66	
2-Chlorophenol	1	0		4.63	50.85	50			1.318	1.341	1.70	
1,3-Dichlorobenzene	1	0		4.75	51.76	50			1.401	1.450	3.52	
1,4-Dichlorobenzene	1	0	CC	4.82	53.06	50	20		1.467	1.556	6.12	
1,2-Dichlorobenzene	1	0		4.93	51.80	50			1.312	1.359	3.60	
Benzyl alcohol	1	0		4.93	48.72	50			0.795	0.775	2.56	
bis(2-chloroisopropyl)ether	1	0		5.04	48.08	50			3.098	2.979	3.84	
2-Methylphenol	1	0		5.03	52.08	50			1.126	1.173	4.16	
Hexachloroethane	1	0		5.20	55.73	50			0.656	0.731	11.46	
N-Nitroso-di-n-propylamine	1	0	CP	5.14	53.77	50	0.05		1.139	1.225	7.54	
3&4-Methylphenol	1	0		5.15	50.07	50			1.175	1.177	0.14	
Naphthalene-d8	1	0	I	5.80	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.25	24.90	25			0.186	0.185	0.40	
Nitrobenzene	1	0		5.26	57.79	50			0.428	0.495	15.58	
Isophorone	1	0		5.44	46.62	50			0.790	0.737	6.76	
2-Nitrophenol	1	0	CC	5.51	57.88	50	20		0.215	0.249	15.76	
2,4-Dimethylphenol	1	0		5.55	52.27	50			0.392	0.409	4.54	
Benzoic Acid	1	0		5.64	82.55	50			0.063	0.103	65.10	
bis(2-Chloroethoxy)methane	1	0		5.62	56.86	50			0.474	0.539	13.72	
2,4-Dichlorophenol	1	0	CC	5.70	52.35	50	20		0.321	0.336	4.70	
1,2,4-Trichlorobenzene	1	0		5.75	51.86	50			0.357	0.370	3.72	
Naphthalene	1	0		5.81	52.56	50			0.949	0.998	5.12	
4-Chloroaniline	1	0		5.86	50.60	50			0.455	0.460	1.20	
Hexachlorobutadiene	1	0	CC	5.92	59.20	50	20		0.235	0.278	18.40	
4-Chloro-3-methylphenol	1	0	CC	6.26	49.60	50	20		0.373	0.370	0.80	
2-Methylnaphthalene	1	0		6.39	51.03	50			0.650	0.663	2.06	
Methylnaphthalene	1	0		6.39	51.03							
Acenaphthene-d10	1	0	I	7.35	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.53	52.49	50			0.688	0.722	4.98	
Hexachlorocyclopentadiene	1	0	CP	6.52	55.85	50	0.05		0.338	0.377	11.70	
2,4,6-Trichlorophenol	1	0	CC	6.64	58.26	50	20		0.450	0.525	16.52	
2,4,5-Trichlorophenol	1	0		6.67	53.81	50			0.528	0.568	7.62	
2-Fluorobiphenyl	1	0	S	6.71	28.91	25			1.272	1.471	15.64	
2-Chloronaphthalene	1	0		6.83	54.00	50			1.143	1.234	8.00	
2-Nitroaniline	1	0		6.92	49.58	50			0.652	0.647	0.84	
1,4-Dimethylnaphthalene	1	0		7.13	54.06	50			0.755	0.817	8.12	
Dimethylnaphthalene	1	0		7.13	54.06							
Diphenyl Ether	1	0		6.91	54.15	50			0.952	1.031	8.30	
Acenaphthylene	1	0		7.21	56.62	50			1.732	1.961	13.24	
Dimethylphthalate	1	0		7.10	51.34	50			1.391	1.429	2.68	
2,6-Dinitrotoluene	1	0		7.15	51.14	50			0.329	0.336	2.28	
Acenaphthene	1	0	CC	7.38	51.12	50	20		1.103	1.127	2.24	
3-Nitroaniline	1	0		7.32	50.72	50			0.334	0.339	1.44	
2,4-Dinitrophenol	1	0	CP	7.44	40.26	50	0.05		0.189	0.152	19.48	
Dibenzofuran	1	0		7.56	51.28	50			1.574	1.614	2.56	
2,4-Dinitrotoluene	1	0		7.56	49.72	50			0.437	0.435	0.56	
4-Nitrophenol	1	0	CP	7.50	45.29	50	0.05		0.318	0.288	9.42	
Fluorene	1	0		7.91	49.32	50			1.176	1.160	1.36	
4-Chlorophenyl-phenylether	1	0		7.92	52.82	50			0.607	0.641	5.64	
Diethylphthalate	1	0		7.82	50.05	50			1.411	1.413	0.10	
4-Nitroaniline	1	0		7.95	43.71	50			0.383	0.335	12.58	
Phenanthrene-d10	1	0	I	8.94	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.99	53.46	50			0.149	0.160	6.92	
n-Nitrosodiphenylamine	1	0	CC	8.05	56.79	50	20		0.498	0.566	13.58	
2,4,6-Tribromophenol	1	0	S	8.17	52.66	50			0.179	0.188	5.32	
1,2-Diphenylhydrazine	1	0		8.09	59.34	50			0.891	1.058	18.68	
4-Bromophenyl-phenylether	1	0		8.45	54.21	50			0.260	0.281	8.42	
Hexachlorobenzene	1	0		8.50	54.05	50			0.353	0.382	8.10	
Pentachlorophenol	1	0	CC	8.74	54.10	50	20		0.167	0.181	8.20	
Phenanthrene	1	0		8.97	53.71	50			0.991	1.065	7.42	
Anthracene	1	0		9.02	52.95	50			1.028	1.089	5.90	
Carbazole	1	0		9.23	48.83	50			0.957	0.934	2.34	
Di-n-butylphthalate	1	0		9.68	57.06	50			1.305	1.489	14.12	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05636.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/16/2005 6:39:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.35	49.75	50	20		1.041	1.035	0.50	
Chrysene-d12	1	0	I	12.12	40.00	40				0.000	0.00	
Pyrene	1	0		10.62	48.86	50			1.482	1.448	2.28	
Benzidine	1	0		10.55	42.35	50			0.450	0.381	15.30	
Terphenyl-d14	1	0	S	10.84	22.74	25			1.079	0.981	9.04	
Butylbenzylphthalate	1	0		11.47	51.47	50			0.724	0.745	2.94	
3,3'-Dichlorobenzidine	1	0		12.11	57.46	50			0.469	0.539	14.92	
Benzo[a]anthracene	1	0		12.11	50.27	50			1.240	1.247	0.54	
Chrysene	1	0		12.15	51.66	50			1.117	1.154	3.32	
bis(2-Ethylhexyl)phthalate	1	0		12.24	57.41	50			0.943	1.083	14.82	
Perylene-d12	1	0	I	13.96	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.10	47.85	50	20		2.145	2.052	4.30	
Benzo[b]fluoranthene	1	0		13.49	49.90	50			1.599	1.596	0.20	
Benzo[k]fluoranthene	1	0		13.52	48.29	50			1.396	1.348	3.42	
Benzo[a]pyrene	1	0	CC	13.89	49.34	50	20		1.337	1.319	1.32	
Indeno[1,2,3-cd]pyrene	1	0		15.20	53.17	50			1.401	1.490	6.34	
Dibenzo[a,h]anthracene	1	0		15.23	51.30	50			1.141	1.171	2.60	
Benzo[g,h,i]perylene	1	0		15.47	56.23	50			1.120	1.259	12.46	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05636.D Vial: 2
Acq On : 16 Aug 2005 6:39 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 6:56 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.80	152	39104	40.00	ng	-0.04
19) Naphthalene-d8	5.80	136	120968	40.00	ng	-0.03
35) Acenaphthene-d10	7.35	164	62211	40.00	ng	-0.04
59) Phenanthrene-d10	8.94	188	94804	40.00	ng	-0.04
72) Chrysene-d12	12.12	240	68427	40.00	ng	-0.05
81) Perylene-d12	13.96	264	56491	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	62501	54.43	ng	-0.04
Spiked Amount 200.000			Recovery = 27.22%			
7) Phenol-d5	4.52	99	81189	52.68	ng	-0.03
Spiked Amount 200.000			Recovery = 26.34%			
20) Nitrobenzene-d5	5.25	128	14004	24.90	ng	-0.03
Spiked Amount 100.000			Recovery = 24.90%			
40) 2-Fluorobiphenyl	6.71	172	57179	28.91	ng	-0.03
Spiked Amount 100.000			Recovery = 28.91%			
62) 2,4,6-Tribromophenol	8.17	332	22332	52.66	ng	-0.04
Spiked Amount 200.000			Recovery = 26.33%			
75) Terphenyl-d14	10.84	244	41952	22.74	ng	-0.04
Spiked Amount 100.000			Recovery = 22.74%			
Target Compounds						Qvalue
2) Pyridine	2.15	79	85554	58.00	ng	97
3) N-Nitrosodimethylamine	2.09	74	49860	54.64	ng	97
5) Aniline	4.53	93	95263	52.36	ng	47
6) bis(2-Chloroethyl)ether	4.60	93	65313	50.58	ng	90
8) Phenol	4.53	94	95777	55.83	ng	94
9) 2-Chlorophenol	4.63	128	65534	50.85	ng	70
10) 1,3-Dichlorobenzene	4.75	146	70878	51.76	ng	98
11) 1,4-Dichlorobenzene	4.82	146	76073	53.06	ng	99
12) 1,2-Dichlorobenzene	4.93	146	66442	51.80	ng	98
13) Benzyl alcohol	4.93	108	37880	48.72	ng	95
14) bis(2-chloroisopropyl)ethe	5.04	45	145612	48.08	ng	92
15) 2-Methylphenol	5.03	108	57324	52.08	ng	94
16) Hexachloroethane	5.20	117	35732	55.73	ng	96
17) N-Nitroso-di-n-propylamine	5.14	70	59871	53.77	ng	82
18) 3&4-Methylphenol	5.15	108	57516	50.07	ng	98
21) Nitrobenzene	5.26	77	74816	57.79	ng	89
22) Isophorone	5.44	82	111386	46.62	ng	87
23) 2-Nitrophenol	5.51	139	37578	57.88	ng	95
24) 2,4-Dimethylphenol	5.55	107	61910	52.27	ng	97

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05636.D Vial: 2
Acq On : 16 Aug 2005 6:39 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 6:56 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.64	105	15612	82.55 ng	95
26) bis(2-Chloroethoxy)methane	5.62	93	81572	56.86 ng	99
27) 2,4-Dichlorophenol	5.70	162	50773	52.35 ng	86
28) 1,2,4-Trichlorobenzene	5.75	180	55916	51.86 ng	94
29) Naphthalene	5.81	128	150900	52.56 ng	99
30) 4-Chloroaniline	5.86	127	69620	50.60 ng	96
31) Hexachlorobutadiene	5.92	225	42031	59.20 ng	97
32) 4-Chloro-3-methylphenol	6.26	107	56011	49.60 ng	82
33) 2-Methylnaphthalene	6.39	142	100264	51.03 ng	97
34) Methylnaphthalene(Total)	6.39	142	100264	51.03 ng	97
36) 1,2,4,5-Tetrachlorobenzene	6.53	216	56168	52.49 ng	94
37) Hexachlorocyclopentadiene	6.52	237	29344	55.85 ng	96
38) 2,4,6-Trichlorophenol	6.64	196	40814	58.26 ng	97
39) 2,4,5-Trichlorophenol	6.67	196	44149	53.81 ng	98
41) 2-Chloronaphthalene	6.83	162	95977	54.00 ng	93
42) 2-Nitroaniline	6.92	65	50292	49.58 ng	98
43) 1,4-Dimethylnaphthalene	7.13	156	63498	54.06 ng	91
44) Dimethylnaphthalene(Total)	7.13	156	63498	54.06 ng	91
45) Diphenyl Ether	6.91	170	80143	54.15 ng	80
46) Acenaphthylene	7.21	152	152529	56.62 ng	99
47) Dimethylphthalate	7.10	163	111107	51.34 ng	99
48) 2,6-Dinitrotoluene	7.15	165	26131	51.14 ng	67
49) Acenaphthene	7.38	153	87676	51.12 ng	96
50) 3-Nitroaniline	7.32	138	26360	50.72 ng	87
51) 2,4-Dinitrophenol	7.44	184	11809	40.26 ng	92
52) Dibenzofuran	7.56	168	125519	51.28 ng	98
53) 2,4-Dinitrotoluene	7.56	165	33825	49.72 ng	94
54) 4-Nitrophenol	7.50	65	22386	45.29 ng	92
55) Fluorene	7.91	166	90244	49.32 ng	97
56) 4-Chlorophenyl-phenylether	7.92	204	49866	52.82 ng	86
57) Diethylphthalate	7.82	149	109857	50.05 ng	99
58) 4-Nitroaniline	7.95	138	26016	43.71 ng	95
60) 4,6-Dinitro-2-methylphenol	7.99	198	18911	53.46 ng	100
61) n-Nitrosodiphenylamine	8.05	169	67091	56.79 ng	99
63) 1,2-Diphenylhydrazine	8.09	77	125365	59.34 ng	85
64) 4-Bromophenyl-phenylether	8.45	248	33344	54.21 ng	97
65) Hexachlorobenzene	8.50	284	45243	54.05 ng	71
66) Pentachlorophenol	8.74	266	21442	54.10 ng	98
67) Phenanthrene	8.97	178	126159	53.71 ng	99
68) Anthracene	9.02	178	129072	52.95 ng	99
69) Carbazole	9.23	167	110717	48.83 ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05636.D Vial: 2
Acq On : 16 Aug 2005 6:39 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 6:56 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

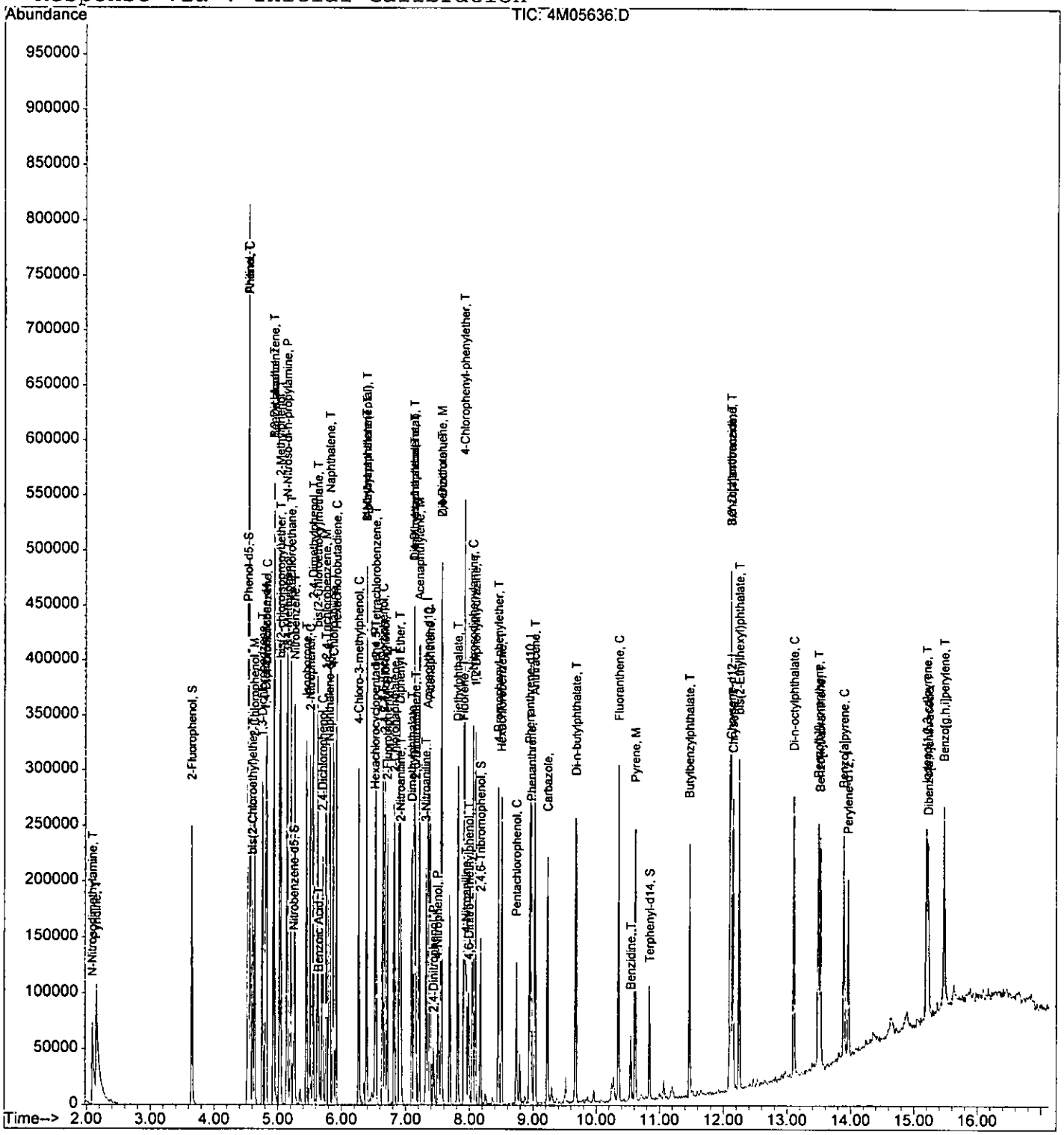
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.68	149	176450	57.06	ng	100
71)	Fluoranthene	10.35	202	122688	49.75	ng	92
73)	Pyrene	10.62	202	123863	48.86	ng	84
74)	Benzidine	10.55	184	32581	42.35	ng	99
76)	Butylbenzylphthalate	11.47	149	63713	51.47	ng	96
77)	3,3'-Dichlorobenzidine	12.11	252	46096	57.46	ng	95
78)	Benzo[a]anthracene	12.11	228	106644	50.27	ng	99
79)	Chrysene	12.15	228	98670	51.66	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.24	149	92636	57.41	ng	97
82)	Di-n-octylphthalate	13.10	149	144930	47.85	ng	100
83)	Benzo[b]fluoranthene	13.49	252	112710	49.90	ng	95
84)	Benzo[k]fluoranthene	13.52	252	95191	48.29	ng	95
85)	Benzo[a]pyrene	13.89	252	93158	49.34	ng	98
86)	Indeno[1,2,3-cd]pyrene	15.20	276	105215	53.17	ng	81
87)	Dibenzo[a,h]anthracene	15.23	278	82687	51.30	ng	93
88)	Benzo[g,h,i]perylene	15.47	276	88910	56.23	ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05636.D Vial: 2
Acq On : 16 Aug 2005 6:39 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 6:56 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05465.D
Instrument: GCMS_4 **Analysis Date:** 08/09/05 11:07

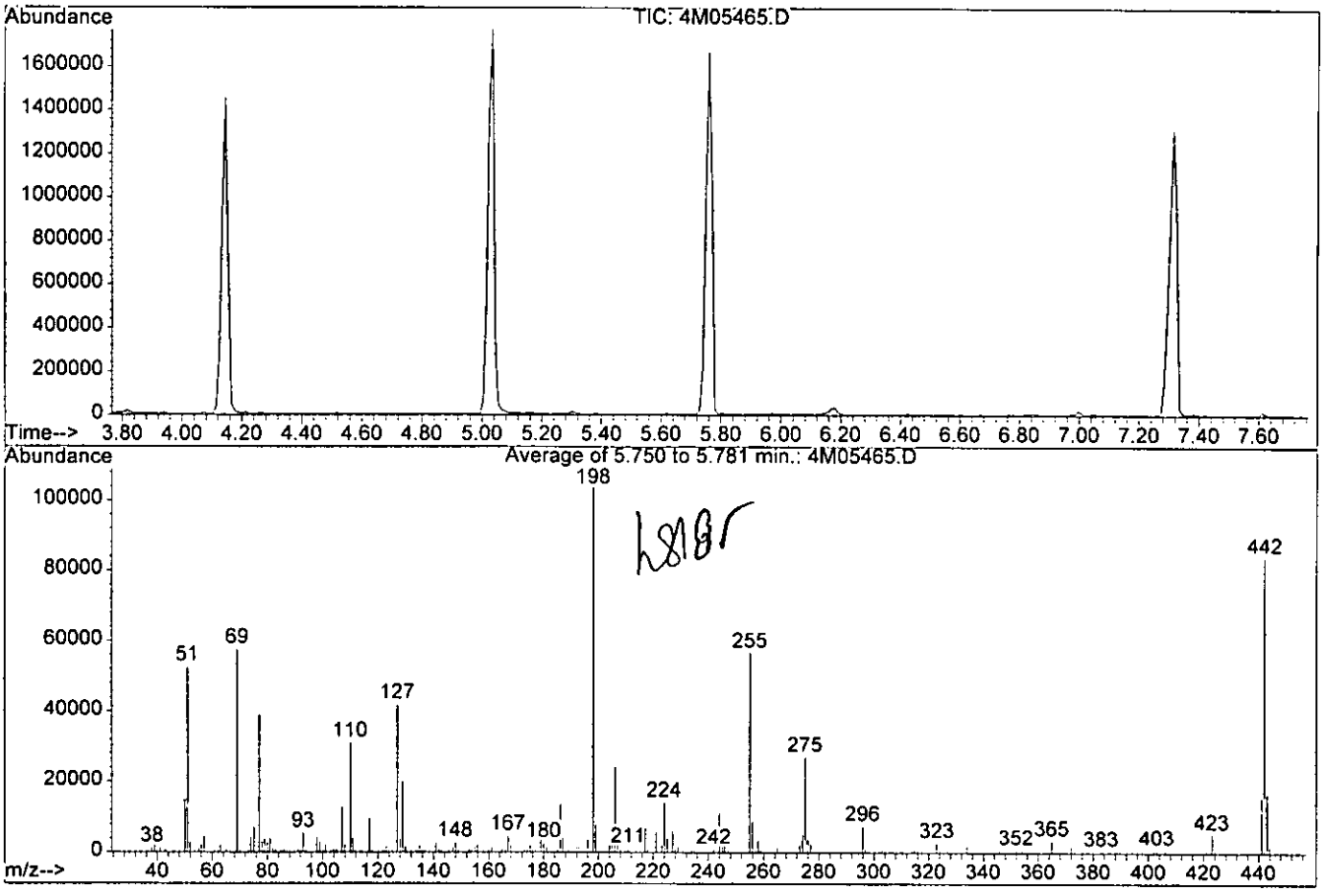
Tune Scan/Time Range: Average of 5.750 to 5.781 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.6	52536	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.3	57467	PASS
70	69	0.00	2	0.7	375	PASS
127	198	40	60	40.2	41782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	103825	PASS
199	198	5	9	7.6	7857	PASS
275	198	10	30	25.9	26910	PASS
365	198	1	100	3.2	3336	PASS
441	443	0.01	100	94.4	15726	PASS
442	198	40	100	80.7	83789	PASS
443	442	17	23	19.9	16657	PASS

Data File	Sample Number	Analysis Date:
4M05466.D	CAL BNA@50PPM	08/09/05 11:53
4M05467.D	CAL BNA@50PPM	08/09/05 12:17
4M05468.D	CAL BNA@10PPM	08/09/05 12:40
4M05469.D	CAL BNA@25PPM	08/09/05 13:04
4M05470.D	CAL BNA@80PPM	08/09/05 13:28
4M05471.D	CAL BNA@120PP	08/09/05 13:52
4M05472.D	CAL BNA@160PP	08/09/05 14:16
4M05473.D	CAL BNA@200PP	08/09/05 14:40
4M05474.D	SMB2617(MS)	08/09/05 15:03
4M05475.D	SMB2617	08/09/05 15:27

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05465.D Vial: 1
Acq On : 9 Aug 2005 11:07 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 5.750 to 5.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.6	52536	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.3	57467	PASS
70	69	0.00	2	0.7	375	PASS
127	198	40	60	40.2	41782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	103825	PASS
199	198	5	9	7.6	7857	PASS
275	198	10	30	25.9	26910	PASS
365	198	1	100	3.2	3336	PASS
441	443	0.01	100	94.4	15726	PASS
442	198	40	100	80.7	83789	PASS
443	442	17	23	19.9	16657	PASS

4M05465.D 4M_0803.M Thu Aug 18 17:23:50 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05512.D
Instrument: GCMS_4 **Analysis Date:** 08/11/05 10:37

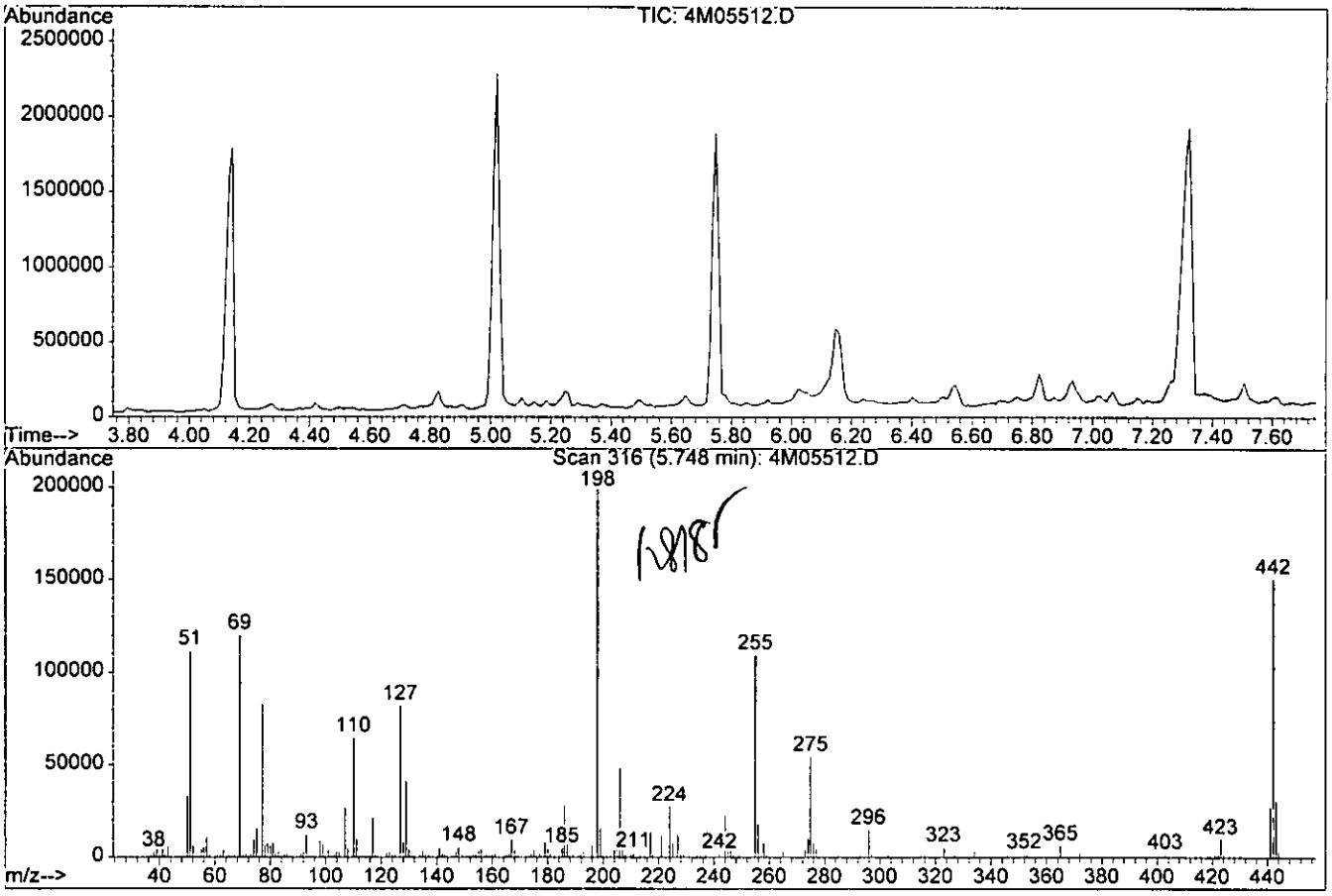
Tune Scan/Time Range: Scan 316

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	55.9	111480	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.2	120016	PASS
70	69	0.00	2	1.2	1462	PASS
127	198	40	60	41.1	81880	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	199296	PASS
199	198	5	9	8.0	15860	PASS
275	198	10	30	27.3	54440	PASS
365	198	1	100	3.1	6257	PASS
441	443	0.01	100	90.0	27280	PASS
442	198	40	100	75.5	150400	PASS
443	442	17	23	20.2	30320	PASS

Data File	Sample Number	Analysis Date:
4M05513.D	CAL BNA@50PPM	08/11/05 10:59
4M05514.D	SMB2621	08/11/05 11:23
4M05515.D	SMB2619	08/11/05 11:47
4M05516.D	SMB2619(MS)	08/11/05 12:11
4M05517.D	AC18888-002	08/11/05 12:35
4M05518.D	AC18888-002(MS)	08/11/05 12:59
4M05519.D	AC18888-002(MS	08/11/05 13:23
4M05520.D	AC19001-004	08/11/05 14:23
4M05521.D	SMB2622(MS)	08/11/05 14:47
4M05522.D	SMB2622	08/11/05 15:11
4M05523.D	AC18937-001	08/11/05 15:35
4M05524.D	AC18888-003	08/11/05 15:59
4M05525.D	AC18888-006	08/11/05 16:23
4M05526.D	AC18872-004	08/11/05 16:47
4M05527.D	AC18872-006	08/11/05 17:11
4M05528.D	AC19021-001	08/11/05 17:35
4M05529.D	AC19021-003	08/11/05 17:59
4M05530.D	AC19021-005	08/11/05 18:23
4M05531.D	AC19021-004(3X)	08/11/05 18:47
4M05532.D	AC19021-002(3X)	08/11/05 19:10
4M05533.D	AC19026-002	08/11/05 19:34
4M05534.D	AC18916-020	08/11/05 19:58
4M05535.D	AC18916-022	08/11/05 20:22
4M05536.D	AC18984-001	08/11/05 20:46
4M05537.D	AC18984-005(3X)	08/11/05 21:10
4M05538.D	AC18916-017(20X)	08/11/05 21:34
4M05539.D	AC18872-005	08/11/05 21:58
4M05540.D	AC18891-001	08/11/05 22:22
4M05541.D	AC18891-007	08/11/05 22:46
4M05542.D	AC18916-007	08/11/05 23:10
4M05543.D	AC18888-009	08/11/05 23:34
4M05544.D	AC18875-002(20X)	08/11/05 23:58
4M05545.D	AC18875-003(20X)	08/12/05 00:21
4M05546.D	AC18893-001(20X)	08/12/05 00:45
4M05547.D	TEST	08/12/05 01:09
4M05548.D	TEST	08/12/05 01:33
4M05549.D	TEST	08/12/05 01:57

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05512.D Vial: 1
Acq On : 11 Aug 2005 10:37 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 316

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	55.9	111480	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.2	120016	PASS
70	69	0.00	2	1.2	1462	PASS
127	198	40	60	41.1	81880	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	199296	PASS
199	198	5	9	8.0	15860	PASS
275	198	10	30	27.3	54440	PASS
365	198	1	100	3.1	6257	PASS
441	443	0.01	100	90.0	27280	PASS
442	198	40	100	75.5	150400	PASS
443	442	17	23	20.2	30320	PASS

4M05512.D 4M_0809.M Thu Aug 18 17:23:53 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05550.D
Instrument: GCMS_4 **Analysis Date:** 08/12/05 08:14

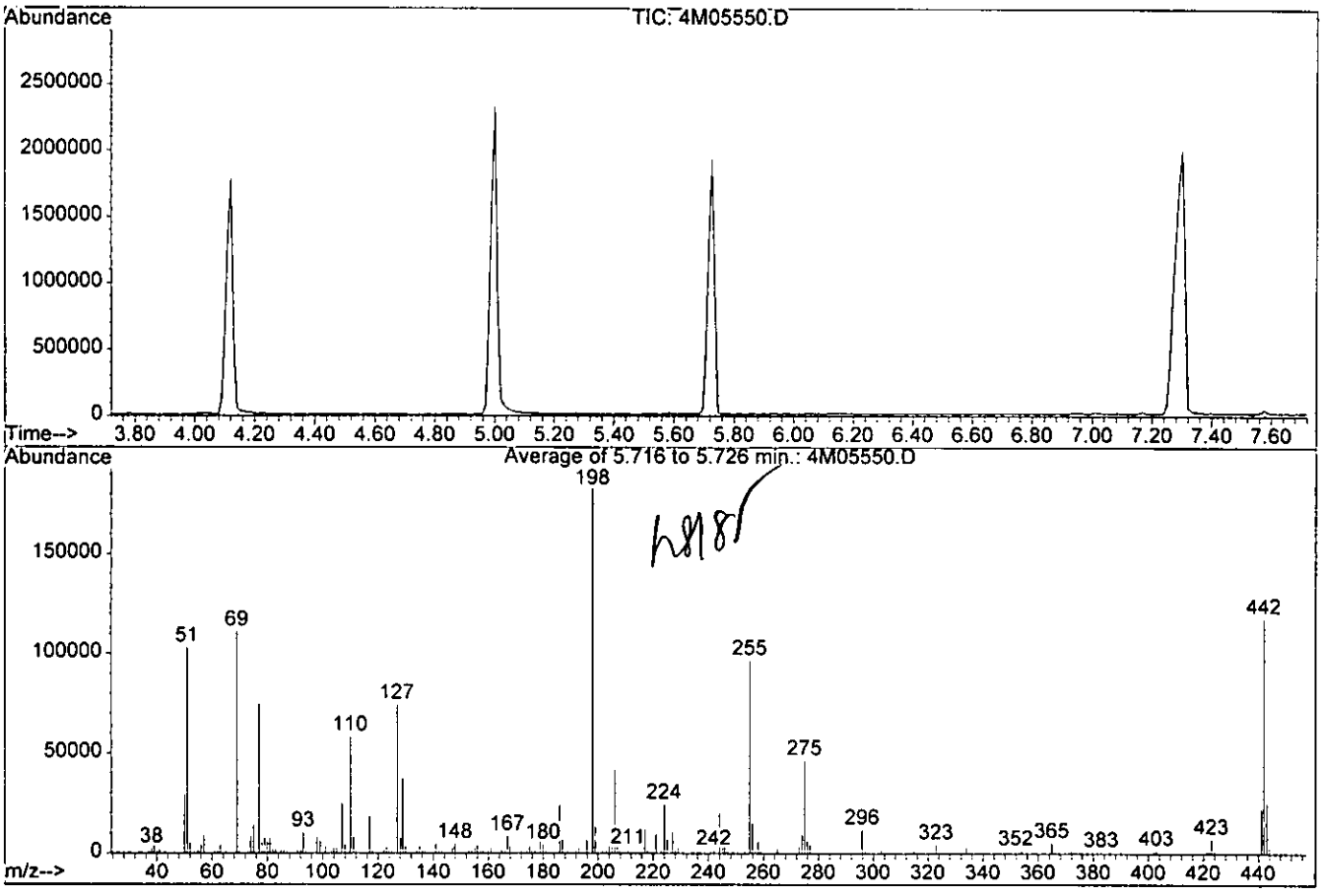
Tune Scan/Time Range: Average of 5.716 to 5.726 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.1	102804	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.5	110852	PASS
70	69	0.00	2	0.7	826	PASS
127	198	40	60	40.4	74072	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	183328	PASS
199	198	5	9	7.3	13398	PASS
275	198	10	30	25.2	46224	PASS
365	198	1	100	2.7	5034	PASS
441	443	0.01	100	88.1	22078	PASS
442	198	40	100	64.3	117800	PASS
443	442	17	23	21.3	25067	PASS

Data File	Sample Number	Analysis Date:
4M05552.D	CAL BNA@50PPM	08/12/05 09:01
4M05553.D	CAL BNA@10PPM	08/12/05 09:25
4M05554.D	CAL BNA@25PPM	08/12/05 09:49
4M05555.D	CAL BNA@80PPM	08/12/05 10:13
4M05556.D	CAL BNA@120PP	08/12/05 10:36
4M05557.D	CAL BNA@160PP	08/12/05 11:00
4M05558.D	CAL BNA@200PP	08/12/05 11:24
4M05559.D	SMB2623(MS)	08/12/05 11:48
4M05560.D	SMB2623	08/12/05 12:12
4M05561.D	WMB2639	08/12/05 12:36
4M05562.D	AC19001-004(T)	08/12/05 13:00
4M05563.D	SMB2623(MS)	08/12/05 13:24
4M05564.D	AC19029-002	08/12/05 13:48
4M05565.D	AC19029-002(MS)	08/12/05 14:12
4M05566.D	AC19029-002(MS	08/12/05 14:36
4M05567.D	AC18916-017(20X)	08/12/05 15:00
4M05568.D	AC18875-002(20X)	08/12/05 15:24
4M05569.D	AC18875-003(20X)	08/12/05 15:50
4M05570.D	AC18893-001(20X)	08/12/05 16:14
4M05571.D	AC18922-001	08/12/05 16:38
4M05572.D	AC18922-002	08/12/05 17:02
4M05573.D	AC18893-002	08/12/05 17:26
4M05574.D	AC18922-003	08/12/05 17:50
4M05575.D	AC18872-003	08/12/05 18:15
4M05576.D	AC18888-009	08/12/05 18:39
4M05577.D	AC18891-007	08/12/05 19:03
4M05578.D	AC18916-007	08/12/05 19:27
4M05579.D	AC18875-002(3X)	08/12/05 19:51
4M05580.D	AC18888-004	08/12/05 20:15
4M05581.D	AC18891-004	08/12/05 20:39
4M05582.D	AC18876-002	08/12/05 21:03
4M05583.D	AC18893-003(3X)	08/12/05 21:27
4M05584.D	TEST	08/12/05 21:51
4M05585.D	TEST	08/12/05 22:15
4M05586.D	TEST	08/12/05 22:39
4M05587.D	TEST	08/12/05 23:03

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05550.D Vial: 1
Acq On : 12 Aug 2005 8:14 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 5.716 to 5.726 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.1	102804	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.5	110852	PASS
70	69	0.00	2	0.7	826	PASS
127	198	40	60	40.4	74072	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	183328	PASS
199	198	5	9	7.3	13398	PASS
275	198	10	30	25.2	46224	PASS
365	198	1	100	2.7	5034	PASS
441	443	0.01	100	88.1	22078	PASS
442	198	40	100	64.3	117800	PASS
443	442	17	23	21.3	25067	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05588.D
Instrument: GCMS_4 **Analysis Date:** 08/15/05 06:16

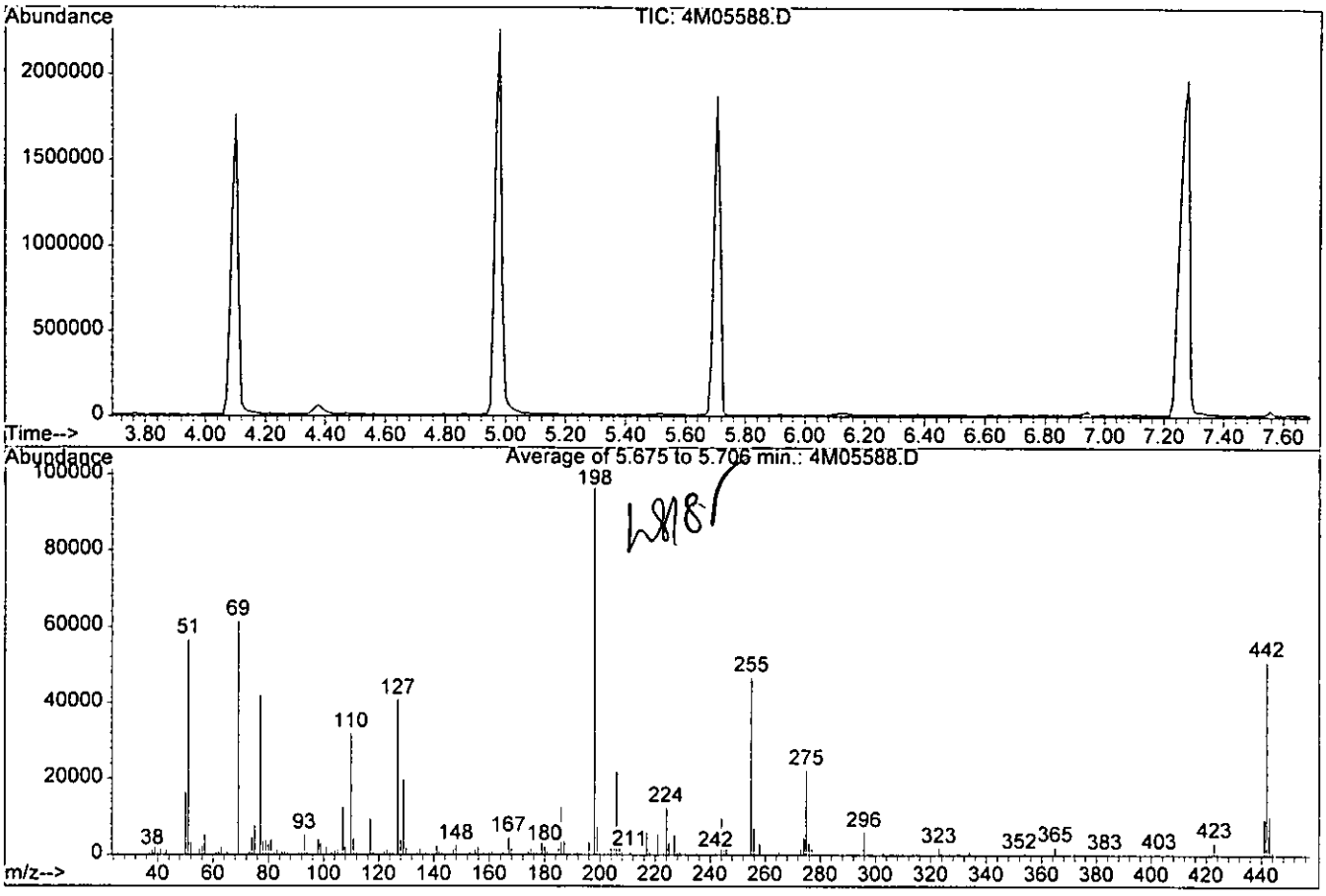
Tune Scan/Time Range: Average of 5.675 to 5.706 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	58.6	56535	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	63.6	61352	PASS
70	69	0.00	2	0.3	178	PASS
127	198	40	60	42.2	40736	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	96477	PASS
199	198	5	9	7.7	7408	PASS
275	198	10	30	23.1	22275	PASS
365	198	1	100	2.2	2169	PASS
441	443	0.01	100	92.5	9481	PASS
442	198	40	100	52.9	51009	PASS
443	442	17	23	20.1	10246	PASS

Data File	Sample Number	Analysis Date:
4M05589.D	CAL BNA@50PPM	08/15/05 06:41
4M05590.D	SMB2624	08/15/05 07:08
4M05591.D	SMB2624(MS)	08/15/05 07:31
4M05592.D	SMB2625	08/15/05 07:55
4M05593.D	SMB2626	08/15/05 08:19
4M05594.D	AC18922-012	08/15/05 08:43
4M05595.D	AC18922-005	08/15/05 09:06
4M05596.D	AC18922-006	08/15/05 09:30
4M05597.D	AC18922-007	08/15/05 09:54
4M05598.D	AC18922-008	08/15/05 10:18
4M05599.D	AC18922-009	08/15/05 10:42
4M05600.D	AC19029-001	08/15/05 11:05
4M05601.D	AC18922-011	08/15/05 11:29
4M05602.D	AC18922-013	08/15/05 11:53
4M05603.D	AC18922-004	08/15/05 12:17
4M05604.D	AC18922-010	08/15/05 12:41
4M05605.D	AC18876-002	08/15/05 13:04
4M05606.D	AC18872-007	08/15/05 13:28
4M05607.D	AC18872-009	08/15/05 13:52
4M05608.D	AC18888-004	08/15/05 14:16
4M05609.D	AC18893-004	08/15/05 14:39
4M05610.D	AC18893-005	08/15/05 15:03
4M05611.D	AC18922-004	08/15/05 15:51

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05588.D Vial: 1
Acq On : 15 Aug 2005 6:16 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0812.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 5.675 to 5.706 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	58.6	56535	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	63.6	61352	PASS
70	69	0.00	2	0.3	178	PASS
127	198	40	60	42.2	40736	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	96477	PASS
199	198	5	9	7.7	7408	PASS
275	198	10	30	23.1	22275	PASS
365	198	1	100	2.2	2169	PASS
441	443	0.01	100	92.5	9481	PASS
442	198	40	100	52.9	51009	PASS
443	442	17	23	20.1	10246	PASS

4M05588.D 5M_0812.M Thu Aug 18 17:23:57 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05612.D
Instrument: GCMS_4 **Analysis Date:** 08/15/05 16:31

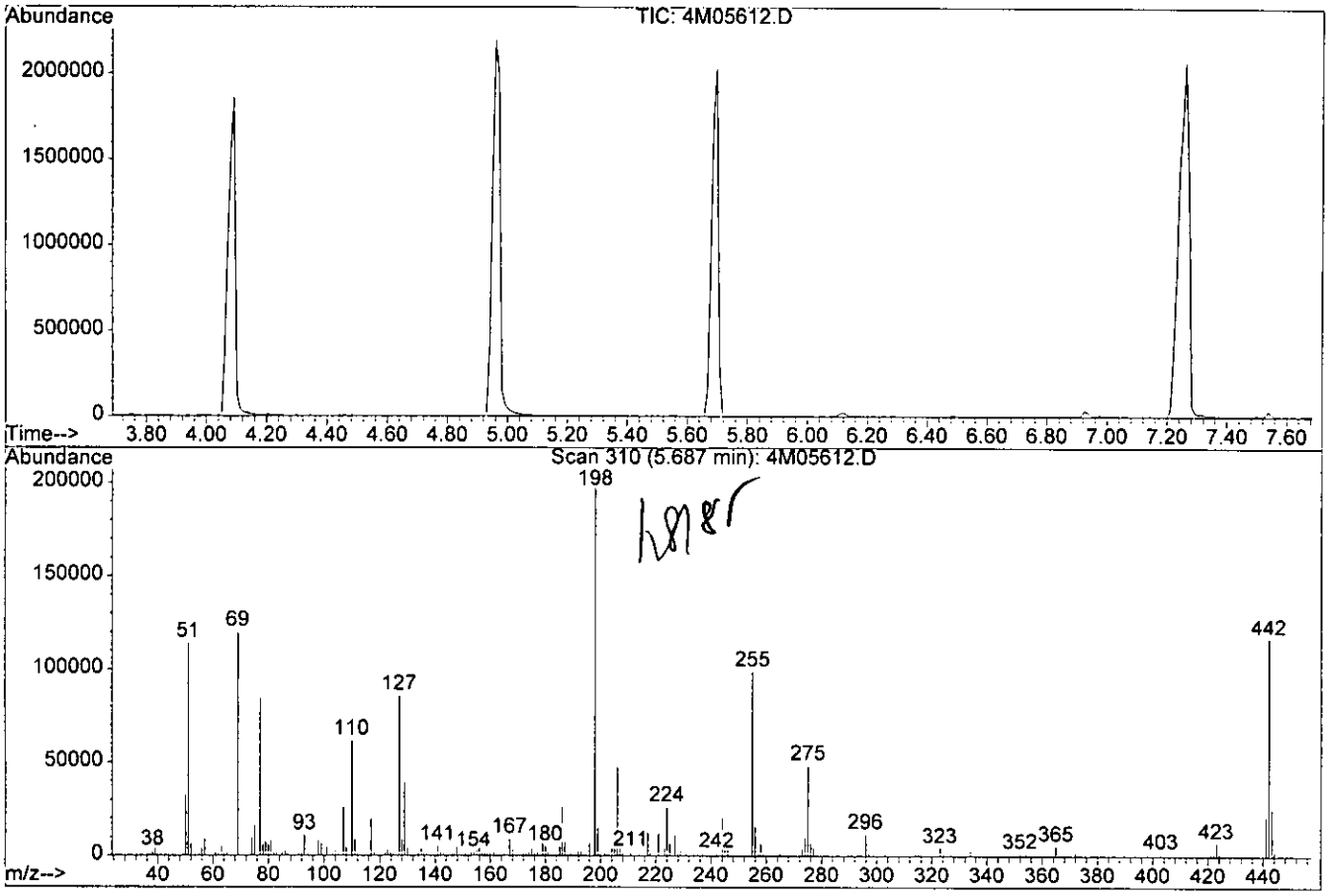
Tune Scan/Time Range: Scan 310

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	57.7	113792	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.8	119776	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	43.4	85512	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	197056	PASS
199	198	5	9	7.5	14782	PASS
275	198	10	30	24.6	48392	PASS
365	198	1	100	2.6	5115	PASS
441	443	0.01	100	82.7	20672	PASS
442	198	40	100	59.1	116496	PASS
443	442	17	23	21.5	25008	PASS

Data File	Sample Number	Analysis Date:
4M05613.D	CAL BNA@50PPM	08/15/05 17:17
4M05614.D	CAL BNA@50PPM	08/15/05 17:41
4M05615.D	SMB2627	08/15/05 18:04
4M05616.D	SMB2625(MS)	08/15/05 18:28
4M05617.D	SMB2626(MS)	08/15/05 18:52
4M05618.D	AC18932-001	08/15/05 19:16
4M05619.D	AC18932-001(MS)	08/15/05 19:40
4M05620.D	AC18932-001(MS	08/15/05 20:03
4M05621.D	AC18922-012(MS)	08/15/05 20:27
4M05622.D	AC18922-012(MS	08/15/05 20:51
4M05623.D	AC19023-004	08/15/05 21:15
4M05624.D	AC19023-006	08/15/05 21:39
4M05625.D	AC19024-002	08/15/05 22:02
4M05626.D	AC19024-004	08/15/05 22:26
4M05627.D	AC18893-006	08/15/05 22:50
4M05628.D	AC18893-007	08/15/05 23:14
4M05629.D	AC18893-008	08/15/05 23:37
4M05630.D	AC18916-023	08/16/05 00:01
4M05631.D	AC18940-001	08/16/05 00:25
4M05632.D	AC18942-027	08/16/05 00:48
4M05633.D	AC18893-001(3X)	08/16/05 01:12

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05612.D Vial: 1
Acq On : 15 Aug 2005 16:31 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 310

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	57.7	113792	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.8	119776	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	43.4	85512	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	197056	PASS
199	198	5	9	7.5	14782	PASS
275	198	10	30	24.6	48392	PASS
365	198	1	100	2.6	5115	PASS
441	443	0.01	100	82.7	20672	PASS
442	198	40	100	59.1	116496	PASS
443	442	17	23	21.5	25008	PASS

4M05612.D 4M_0812.M Thu Aug 18 17:24:00 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05635.D
Instrument: GCMS_4 **Analysis Date:** 08/16/05 06:20

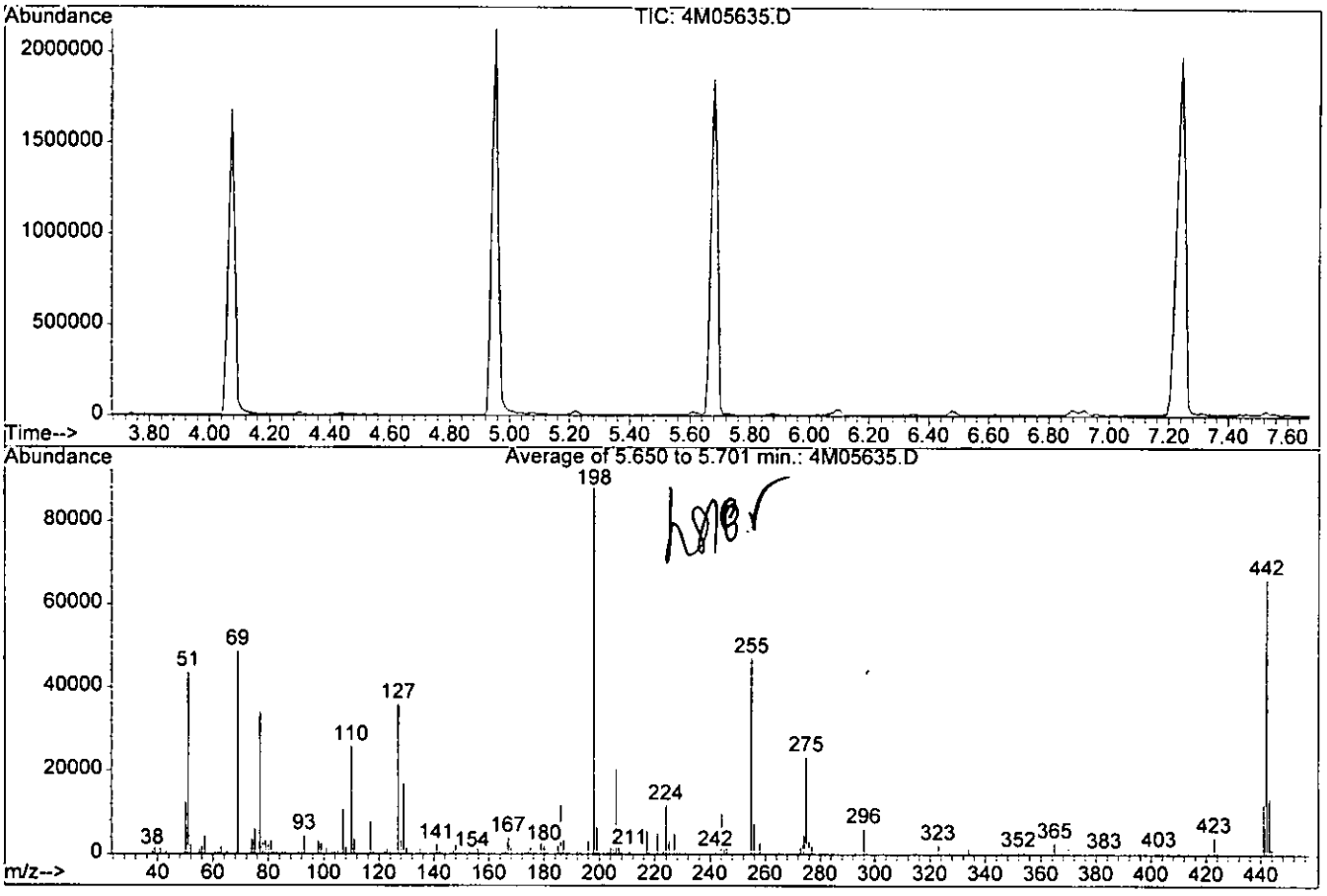
Tune Scan/Time Range: Average of 5.650 to 5.701 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.4	43524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	48676	PASS
70	69	0.00	2	0.5	255	PASS
127	198	40	60	40.7	35866	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	88122	PASS
199	198	5	9	7.4	6546	PASS
275	198	10	30	26.4	23270	PASS
365	198	1	100	3.1	2694	PASS
441	443	0.01	100	89.0	12016	PASS
442	198	40	100	75.1	66148	PASS
443	442	17	23	20.4	13506	PASS

Data File	Sample Number	Analysis Date:
4M05636.D	CAL BNA@50PPM	08/16/05 06:39
4M05637.D	SMB2628	08/16/05 07:15
4M05638.D	SMB2628(MS)	08/16/05 07:38
4M05639.D	AC19093-001(20X)	08/16/05 08:02
4M05640.D	AC19052-001	08/16/05 08:26
4M05641.D	AC19052-001(MS)	08/16/05 08:50
4M05642.D	AC19052-001(MS	08/16/05 09:13
4M05643.D	AC19093-001(3X)	08/16/05 09:37
4M05644.D	AC18893-003(3X)	08/16/05 10:01
4M05645.D	AC18875-002(3X)	08/16/05 10:25
4M05646.D	AC19052-002	08/16/05 10:49
4M05647.D	AC19052-003	08/16/05 11:13
4M05648.D	AC19052-005	08/16/05 11:37
4M05649.D	AC18940-002	08/16/05 12:00
4M05650.D	AC18940-003	08/16/05 12:24
4M05651.D	AC18940-004	08/16/05 12:48
4M05652.D	SMB2629	08/16/05 13:38
4M05653.D	AC19027-001	08/16/05 14:02
4M05654.D	AC19027-002	08/16/05 14:25
4M05655.D	AC19027-001(10X)	08/16/05 14:49
4M05656.D	AC19027-002(10X)	08/16/05 15:13
4M05657.D	AC18893-006(3X)	08/16/05 15:37
4M05658.D	AC18916-023(3X)	08/16/05 16:01
4M05659.D	AC19049-008	08/16/05 16:24
4M05660.D	AC19049-009	08/16/05 16:48
4M05661.D	AC19052-001(MS	08/16/05 17:12
4M05662.D	AC19049-015	08/16/05 17:36
4M05663.D	AC19017-005	08/16/05 18:00
4M05664.D	AC19052-006	08/16/05 18:24
4M05665.D	AC19017-003	08/16/05 18:48
4M05666.D	AC19017-004	08/16/05 19:12

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05635.D Vial: 1
Acq On : 16 Aug 2005 6:20 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 5.650 to 5.701 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.4	43524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	48676	PASS
70	69	0.00	2	0.5	255	PASS
127	198	40	60	40.7	35866	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	88122	PASS
199	198	5	9	7.4	6546	PASS
275	198	10	30	26.4	23270	PASS
365	198	1	100	3.1	2694	PASS
441	443	0.01	100	89.0	12016	PASS
442	198	40	100	75.1	66148	PASS
443	442	17	23	20.4	13506	PASS

4M05635.D 4M_0812.M Thu Aug 18 17:24:02 2005 RPT1

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2619
Client Id:
Data File: 4M05515.D
Analysis Date: 08/11/05 11:47
Date Rec/Extracted: NA-08/10/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	205-99-2	Benzo[b]fluoranthene	0.010	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.0063	U
122-66-7	1,2-Diphenylhydrazine	0.0096	U	207-08-9	Benzo[k]fluoranthene	0.011	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.0076	U
106-46-7	1,4-Dichlorobenzene	0.017	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.45	U	108-60-1	bis(2-chloroisopropyl)ether	0.011	U
88-06-2	2,4,6-Trichlorophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.030	U
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.013	U
105-67-9	2,4-Dimethylphenol	0.046	U	86-74-8	Carbazole	0.0099	U
51-28-5	2,4-Dinitrophenol	0.23	U	218-01-9	Chrysene	0.0069	U
121-14-2	2,4-Dinitrotoluene	0.012	U	**84-74-2**	**Di-n-butylphthalate**	**0.0075**	**0.062**
606-20-2	2,6-Dinitrotoluene	0.014	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.0092	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.068	U	132-64-9	Dibenzofuran	0.042	U
91-57-6	2-Methylnaphthalene	0.043	U	84-66-2	Diethylphthalate	0.0092	U
95-48-7	2-Methylphenol	0.16	U	131-11-3	Dimethylphthalate	0.0075	U
88-74-4	2-Nitroaniline	0.023	U	206-44-0	Fluoranthene	0.0096	U
88-75-5	2-Nitrophenol	0.039	U	86-73-7	Fluorene	0.0084	U
106-44-5	3&4-Methylphenol	0.18	U	118-74-1	Hexachlorobenzene	0.015	U
91-94-1	3,3'-Dichlorobenzidine	0.073	U	87-68-3	Hexachlorobutadiene	0.014	U
99-09-2	3-Nitroaniline	0.14	U	77-47-4	Hexachlorocyclopentadiene	0.089	U
534-52-1	4,6-Dinitro-2-methylphenol	0.063	U	67-72-1	Hexachloroethane	0.025	U
101-55-3	4-Bromophenyl-phenylether	0.013	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0046	U
59-50-7	4-Chloro-3-methylphenol	0.085	U	78-59-1	Isophorone	0.010	U
106-47-8	4-Chloroaniline	0.26	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.015	U	62-75-9	N-Nitrosodimethylamine	0.39	U
100-01-6	4-Nitroaniline	0.082	U	86-30-6	n-Nitrosodiphenylamine	0.016	U
100-02-7	4-Nitrophenol	0.059	U	91-20-3	Naphthalene	0.0078	U
83-32-9	Acenaphthene	0.014	U	98-95-3	Nitrobenzene	0.013	U
208-96-8	Acenaphthylene	0.0077	U	87-86-5	Pentachlorophenol	0.041	U
120-12-7	Anthracene	0.0087	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.076	U	108-95-2	Phenol	0.051	U
56-55-3	Benzo[a]anthracene	0.0058	U	129-00-0	Pyrene	0.0078	U
50-32-8	Benzo[a]pyrene	0.0077	U				

Worksheet #: 18332

Total Target Concentration 0.062

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/LSC Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05515.D Vial: 4
Acq On : 11 Aug 2005 11:47 Operator: AHD
Sample : SMB2619 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 14:24 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

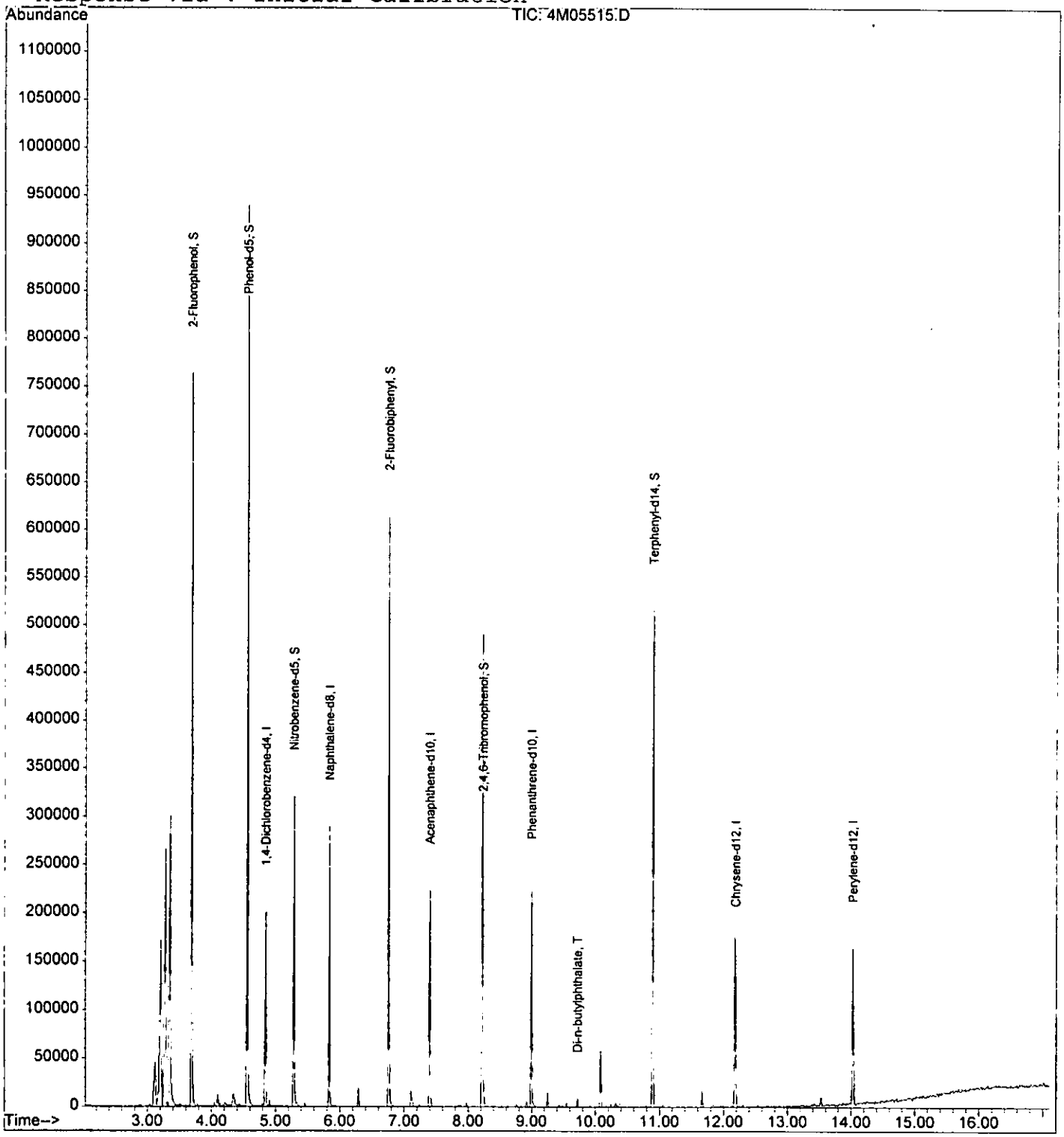
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	29418	40.00	ng	-0.02
19) Naphthalene-d8	5.84	136	93715	40.00	ng	-0.03
35) Acenaphthene-d10	7.40	164	50536	40.00	ng	-0.02
59) Phenanthrene-d10	8.99	188	90901	40.00	ng	-0.02
72) Chrysene-d12	12.18	240	81137	40.00	ng	-0.02
81) Perylene-d12	14.02	264	63867	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	143708	175.67	ng	-0.03
Spiked Amount 200.000			Recovery = 87.83%			
7) Phenol-d5	4.56	99	198772	193.50	ng	-0.03
Spiked Amount 200.000			Recovery = 96.75%			
20) Nitrobenzene-d5	5.28	128	39400	86.95	ng	-0.02
Spiked Amount 100.000			Recovery = 86.95%			
40) 2-Fluorobiphenyl	6.76	172	147263	85.23	ng	-0.03
Spiked Amount 100.000			Recovery = 85.23%			
62) 2,4,6-Tribromophenol	8.23	332	72894	159.26	ng	-0.02
Spiked Amount 200.000			Recovery = 79.63%			
75) Terphenyl-d14	10.90	244	172793	75.15	ng	-0.02
Spiked Amount 100.000			Recovery = 75.15%			
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.72	149	6666	1.85	ng	95

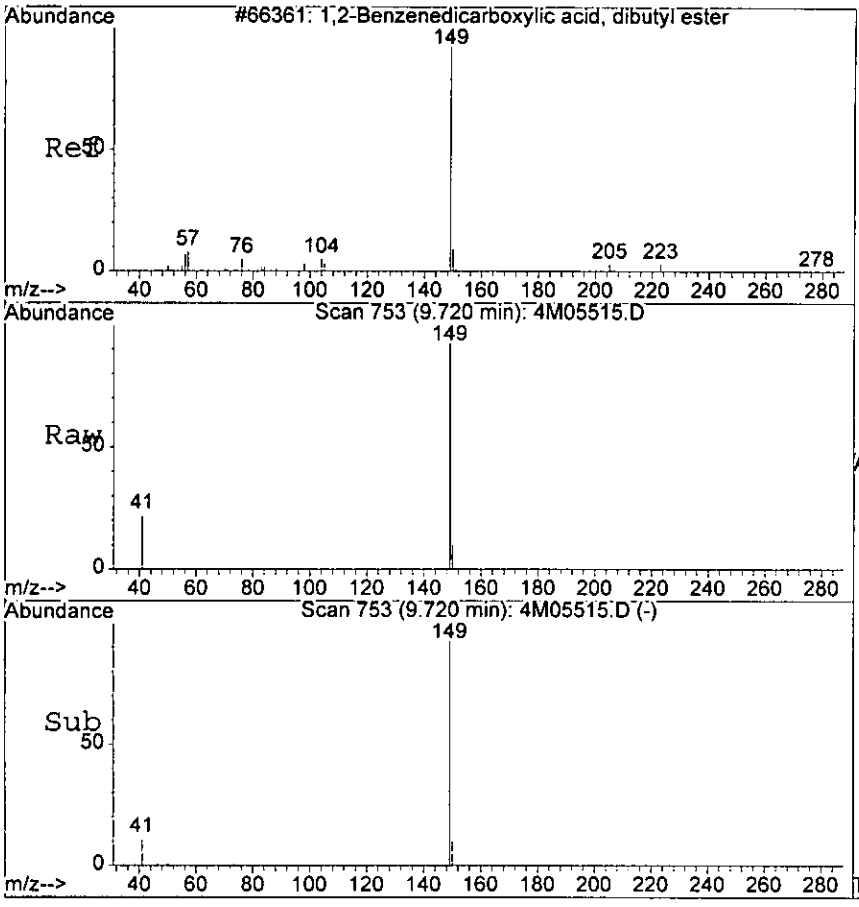
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05515.D Vial: 4
Acq On : 11 Aug 2005 11:47 Operator: AHD
Sample : SMB2619 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 14:24 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

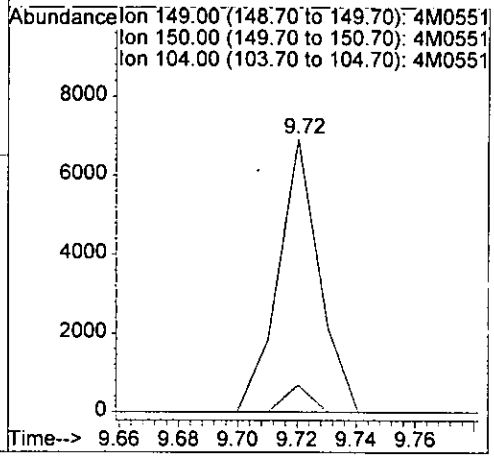




#70
Di-n-butylphthalate
Concen: 1.85 ng
RT: 9.72 min Scan# 753
Delta R.T. -0.03 min
Lab File: 4M05515.D
Acq: 11 Aug 2005 11:47

Tgt Ion:149 Resp: 6666

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	49.8
104	0.0	0.0	44.6



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2623
Client Id:
Data File: 4M05560.D
Analysis Date: 08/12/05 12:12
Date Rec/Extracted: NA-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	205-99-2	Benzo[b]fluoranthene	0.010	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.0063	U
122-66-7	1,2-Diphenylhydrazine	0.0096	U	207-08-9	Benzo[k]fluoranthene	0.011	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.0076	U
106-46-7	1,4-Dichlorobenzene	0.017	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.45	U	108-60-1	bis(2-chloroisopropyl)ether	0.011	U
88-06-2	2,4,6-Trichlorophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.030	U
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.013	U
105-67-9	2,4-Dimethylphenol	0.046	U	86-74-8	Carbazole	0.0099	U
51-28-5	2,4-Dinitrophenol	0.23	U	218-01-9	Chrysene	0.0069	U
121-14-2	2,4-Dinitrotoluene	0.012	U	84-74-2	Di-n-butylphthalate	0.0075	U
606-20-2	2,6-Dinitrotoluene	0.014	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.0092	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.068	U	132-64-9	Dibenzofuran	0.042	U
91-57-6	2-Methylnaphthalene	0.043	U	84-66-2	Diethylphthalate	0.0092	U
95-48-7	2-Methylphenol	0.16	U	131-11-3	Dimethylphthalate	0.0075	U
88-74-4	2-Nitroaniline	0.023	U	206-44-0	Fluoranthene	0.0096	U
88-75-5	2-Nitrophenol	0.039	U	86-73-7	Fluorene	0.0084	U
106-44-5	3&4-Methylphenol	0.18	U	118-74-1	Hexachlorobenzene	0.015	U
91-94-1	3,3'-Dichlorobenzidine	0.073	U	87-68-3	Hexachlorobutadiene	0.014	U
99-09-2	3-Nitroaniline	0.14	U	77-47-4	Hexachlorocyclopentadiene	0.089	U
534-52-1	4,6-Dinitro-2-methylphenol	0.063	U	67-72-1	Hexachloroethane	0.025	U
101-55-3	4-Bromophenyl-phenylether	0.013	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0046	U
59-50-7	4-Chloro-3-methylphenol	0.085	U	78-59-1	Isophorone	0.010	U
106-47-8	4-Chloroaniline	0.26	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.015	U	62-75-9	N-Nitrosodimethylamine	0.39	U
100-01-6	4-Nitroaniline	0.082	U	86-30-6	n-Nitrosodiphenylamine	0.016	U
100-02-7	4-Nitrophenol	0.059	U	91-20-3	Naphthalene	0.0078	U
83-32-9	Acenaphthene	0.014	U	98-95-3	Nitrobenzene	0.013	U
208-96-8	Acenaphthylene	0.0077	U	87-86-5	Pentachlorophenol	0.041	U
120-12-7	Anthracene	0.0087	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.076	U	108-95-2	Phenol	0.051	U
56-55-3	Benzo[a]anthracene	0.0058	U	129-00-0	Pyrene	0.0078	U
50-32-8	Benzo[a]pyrene	0.0077	U				

Worksheet #: 18332

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/LSC Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05560.D Vial: 10
Acq On : 12 Aug 2005 12:12 Operator: AHD
Sample : SMB2623 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 11:48 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

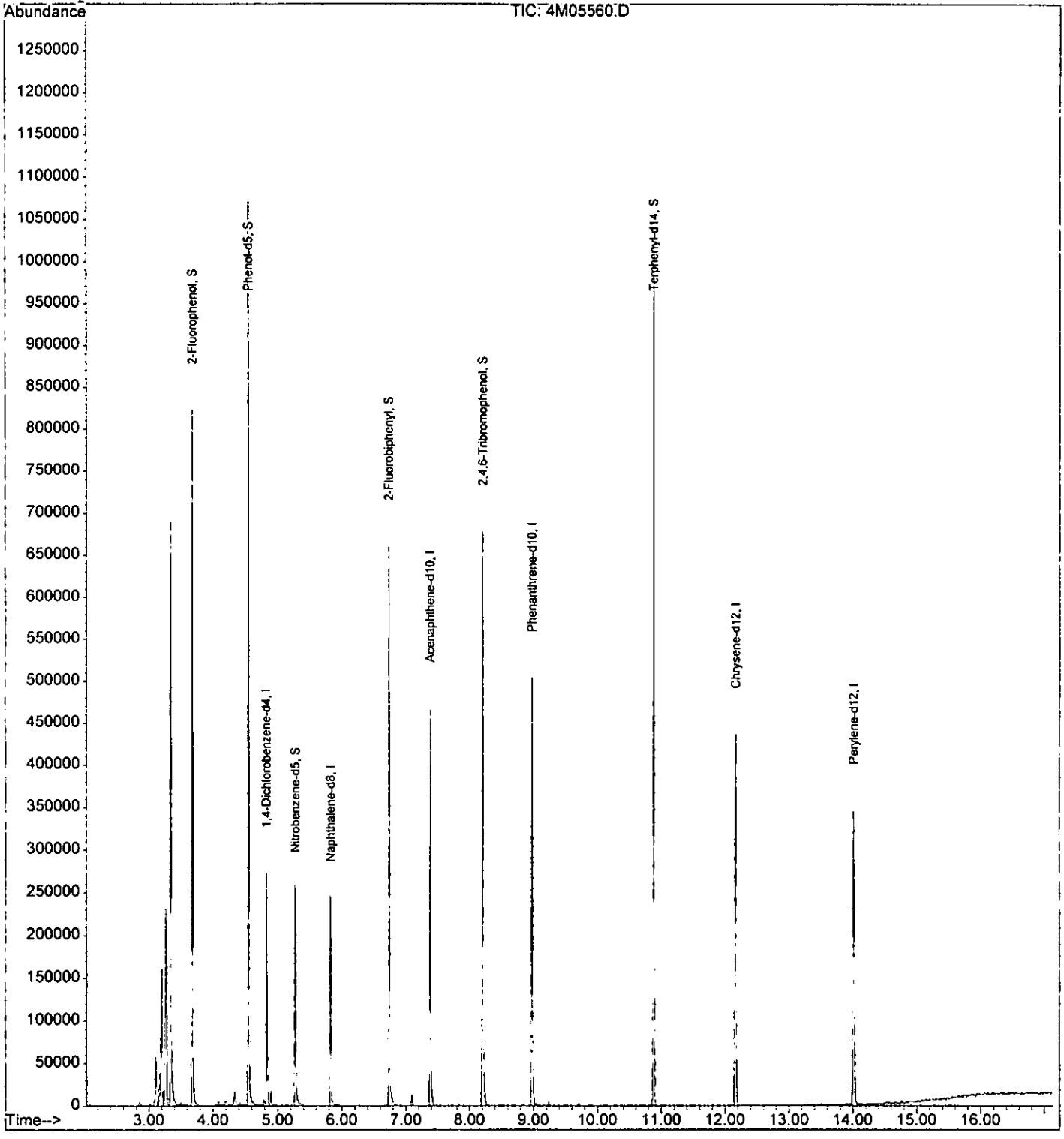
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.83	152	37772	40.00	ng	-0.01
19) Naphthalene-d8	5.83	136	141285	40.00	ng	0.00
35) Acenaphthene-d10	7.38	164	90503	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	191182	40.00	ng	0.00
72) Chrysene-d12	12.17	240	192125	40.00	ng	0.00
81) Perylene-d12	14.01	264	137428	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	180165	162.44	ng	0.00
Spiked Amount 200.000			Recovery =	81.22%		
7) Phenol-d5	4.55	99	253103	170.03	ng	0.00
Spiked Amount 200.000			Recovery =	85.02%		
20) Nitrobenzene-d5	5.28	128	46747	71.16	ng	0.00
Spiked Amount 100.000			Recovery =	71.16%		
40) 2-Fluorobiphenyl	6.74	172	205021	71.25	ng	0.00
Spiked Amount 100.000			Recovery =	71.25%		
62) 2,4,6-Tribromophenol	8.21	332	119013	139.17	ng	0.00
Spiked Amount 200.000			Recovery =	69.58%		
75) Terphenyl-d14	10.88	244	321740	62.10	ng	0.00
Spiked Amount 100.000			Recovery =	62.10%		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05560.D Vial: 10
Acq On : 12 Aug 2005 12:12 Operator: AHD
Sample : SMB2623 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 11:48 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2626	Matrix: Soil
Client Id:	Initial Vol: 30g
Data File: 4M05593.D	Final Vol: 1ml
Analysis Date: 08/15/05 08:19	Dilution: 1
Date Rec/Extracted: NA-08/14/05	Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	205-99-2	Benzo[b]fluoranthene	0.010	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.0063	U
122-66-7	1,2-Diphenylhydrazine	0.0096	U	207-08-9	Benzo[k]fluoranthene	0.011	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.0076	U
106-46-7	1,4-Dichlorobenzene	0.017	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.45	U	108-60-1	bis(2-chloroisopropyl)ether	0.011	U
88-06-2	2,4,6-Trichlorophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.030	U
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.013	U
105-67-9	2,4-Dimethylphenol	0.046	U	86-74-8	Carbazole	0.0099	U
51-28-5	2,4-Dinitrophenol	0.23	U	218-01-9	Chrysene	0.0069	U
121-14-2	2,4-Dinitrotoluene	0.012	U	**84-74-2**	**Di-n-butylphthalate**	**0.0075**	**0.13**
606-20-2	2,6-Dinitrotoluene	0.014	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.0092	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.068	U	132-64-9	Dibenzofuran	0.042	U
91-57-6	2-Methylnaphthalene	0.043	U	84-66-2	Diethylphthalate	0.0092	U
95-48-7	2-Methylphenol	0.16	U	131-11-3	Dimethylphthalate	0.0075	U
88-74-4	2-Nitroaniline	0.023	U	206-44-0	Fluoranthene	0.0096	U
88-75-5	2-Nitrophenol	0.039	U	86-73-7	Fluorene	0.0084	U
106-44-5	3&4-Methylphenol	0.18	U	118-74-1	Hexachlorobenzene	0.015	U
91-94-1	3,3'-Dichlorobenzidine	0.073	U	87-68-3	Hexachlorobutadiene	0.014	U
99-09-2	3-Nitroaniline	0.14	U	77-47-4	Hexachlorocyclopentadiene	0.089	U
534-52-1	4,6-Dinitro-2-methylphenol	0.063	U	67-72-1	Hexachloroethane	0.025	U
101-55-3	4-Bromophenyl-phenylether	0.013	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0046	U
59-50-7	4-Chloro-3-methylphenol	0.085	U	78-59-1	Isophorone	0.010	U
106-47-8	4-Chloroaniline	0.26	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.015	U	62-75-9	N-Nitrosodimethylamine	0.39	U
100-01-6	4-Nitroaniline	0.082	U	86-30-6	n-Nitrosodiphenylamine	0.016	U
100-02-7	4-Nitrophenol	0.059	U	91-20-3	Naphthalene	0.0078	U
83-32-9	Acenaphthene	0.014	U	98-95-3	Nitrobenzene	0.013	U
208-96-8	Acenaphthylene	0.0077	U	87-86-5	Pentachlorophenol	0.041	U
120-12-7	Anthracene	0.0087	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.076	U	108-95-2	Phenol	0.051	U
56-55-3	Benzo[a]anthracene	0.0058	U	129-00-0	Pyrene	0.0078	U
50-32-8	Benzo[a]pyrene	0.0077	U				

Worksheet #: 18332

Total Target Concentration 0.13

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 : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05593.D Vial: 6
Acq On : 15 Aug 2005 8:19 Operator: AHD
Sample : SMB2626 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:00 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

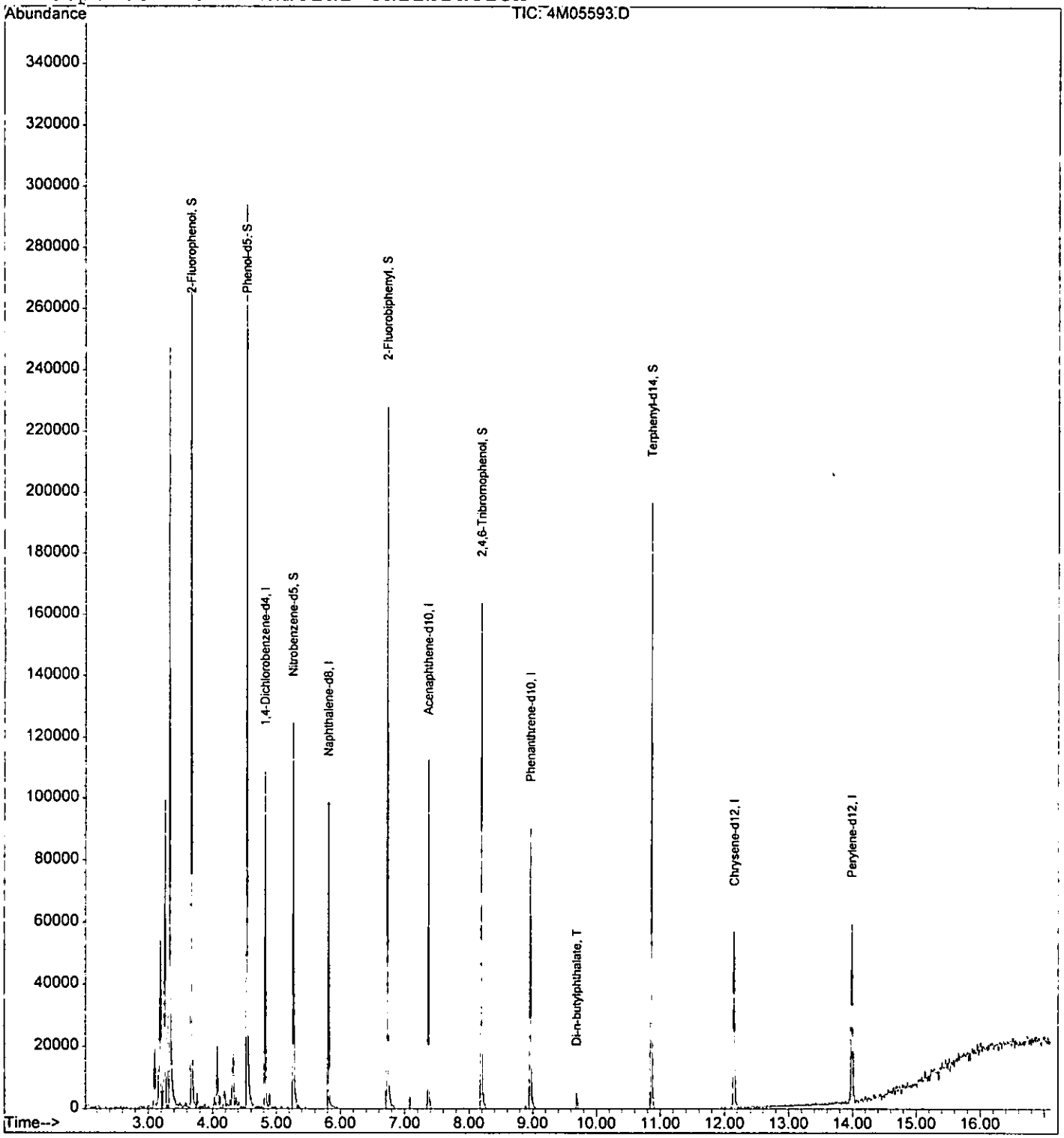
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	13733	40.00	ng	-0.02
19) Naphthalene-d8	5.81	136	43358	40.00	ng	-0.02
35) Acenaphthene-d10	7.37	164	23856	40.00	ng	-0.02
59) Phenanthrene-d10	8.96	188	40706	40.00	ng	-0.02
72) Chrysene-d12	12.15	240	36493	40.00	ng	-0.02
81) Perylene-d12	13.99	264	29444	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	3.66	112	66471	164.84	ng	-0.02
Spiked Amount 200.000			Recovery = 82.42%			
7) Phenol-d5	4.53	99	84728	156.55	ng	-0.02
Spiked Amount 200.000			Recovery = 78.28%			
20) Nitrobenzene-d5	5.26	128	16233	80.52	ng	-0.02
Spiked Amount 100.000			Recovery = 80.52%			
40) 2-Fluorobiphenyl	6.73	172	69236	91.28	ng	0.00
Spiked Amount 100.000			Recovery = 91.28%			
62) 2,4,6-Tribromophenol	8.19	332	29321	161.04	ng	-0.02
Spiked Amount 200.000			Recovery = 80.52%			
75) Terphenyl-d14	10.86	244	74077	75.28	ng	-0.02
Spiked Amount 100.000			Recovery = 75.28%			
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.69	149	5342	4.02	ng	77

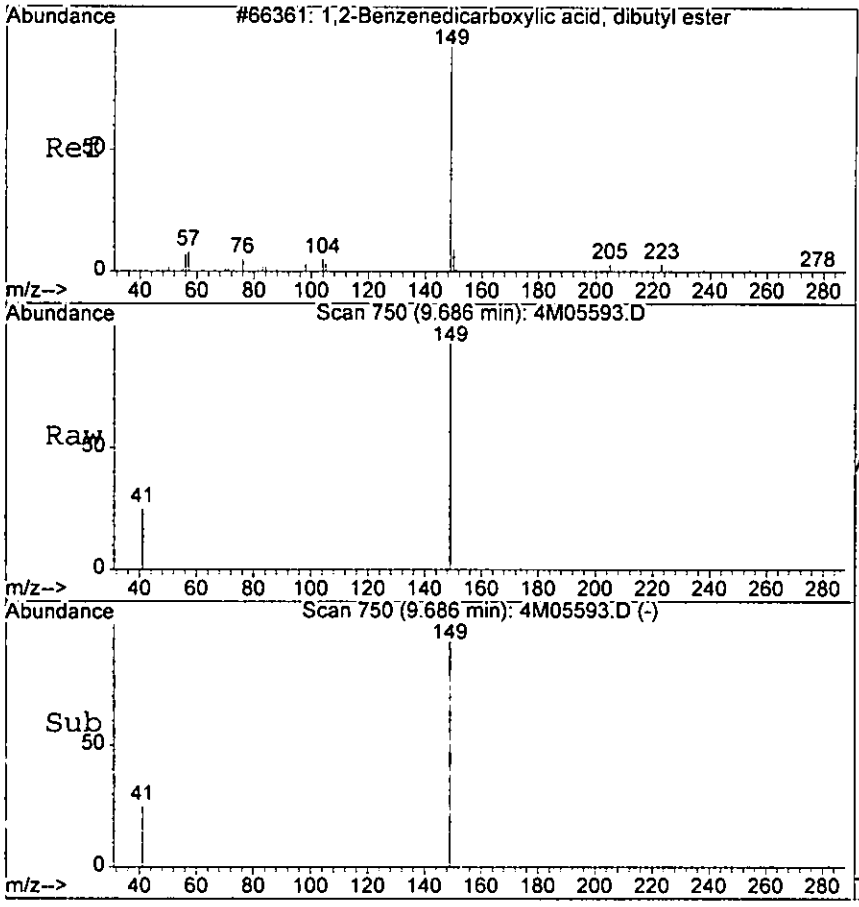
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05593.D Vial: 6
Acq On : 15 Aug 2005 8:19 Operator: AHD
Sample : SMB2626 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:00 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

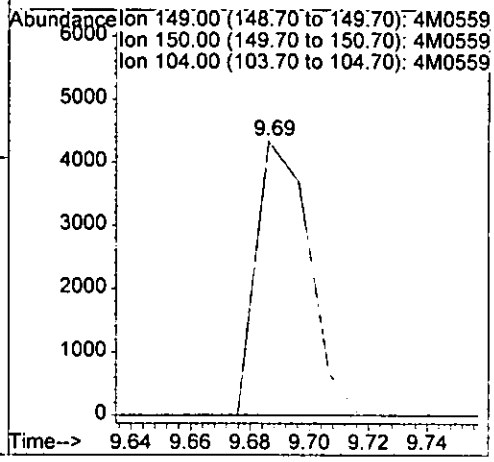




#70
Di-n-butylphthalate
Concen: 4.02 ng
RT: 9.69 min Scan# 750
Delta R.T. -0.03 min
Lab File: 4M05593.D
Acq: 15 Aug 2005 8:19

Tgt Ion:149 Resp: 5342

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	49.8
104	0.0	0.0	44.6



Form3

MBS Data

Method: 8270

Data File:===>					4M05617.D														
Data/Batch/Sample ID:===>					SMB2626(MS)														
Date/Time:===>					08/15/05 18:52														
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
1,2,4-Trichlorobenz	38-107		1	0	87.94	100	88												
1,4-Dichlorobenzen	28-104		1	0	85.49	100	85												
2,4-Dinitrotoluene	28-89		1	0	103.3	100	103*												
2-Chlorophenol	25-102		1	0	153.2	200	77												
4-Chloro-3-methylp	26-103		1	0	180.2	200	90												
4-Nitrophenol	11-114		1	0	182.7	200	91												
Acenaphthene	31-137		1	0	93.55	100	94												
N-Nitroso-di-n-propy	41-126		1	0	80.43	100	80												
Pentachlorophenol	17-109		1	0	196.9	200	98												
Phenol	26-90		1	0	160.3	200	80												
Pyrene	35-142		1	0	86.6	100	87												

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05617.D Vial: 5
Acq On : 15 Aug 2005 18:52 Operator: AHD
Sample : SMB2626(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 19:09 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	23253	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	74549	40.00	ng	-0.03
35) Acenaphthene-d10	7.35	164	41876	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	71218	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	65719	40.00	ng	-0.04
81) Perylene-d12	13.97	264	52211	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	93999	137.67	ng	-0.03
Spiked Amount 200.000			Recovery = 68.83%			
7) Phenol-d5	4.53	99	125499	136.95	ng	-0.02
Spiked Amount 200.000			Recovery = 68.47%			
20) Nitrobenzene-d5	5.26	128	22976	66.28	ng	-0.02
Spiked Amount 100.000			Recovery = 66.28%			
40) 2-Fluorobiphenyl	6.72	172	104834	78.74	ng	-0.02
Spiked Amount 100.000			Recovery = 78.74%			
62) 2,4,6-Tribromophenol	8.18	332	57970	181.98	ng	-0.03
Spiked Amount 200.000			Recovery = 90.99%			
75) Terphenyl-d14	10.85	244	132238	74.62	ng	-0.03
Spiked Amount 100.000			Recovery = 74.62%			
Target Compounds						Qvalue
8) Phenol	4.54	94	163579	160.34	ng	55
9) 2-Chlorophenol	4.64	128	117374	153.16	ng	97
10) 1,3-Dichlorobenzene	4.83	146	72886	89.50	ng	98
11) 1,4-Dichlorobenzene	4.83	146	72886	85.49	ng	98
12) 1,2-Dichlorobenzene	4.83	146	72886	95.55	ng	100
17) N-Nitroso-di-n-propylamine	5.14	70	53248	80.43	ng	78
28) 1,2,4-Trichlorobenzene	5.76	180	58441	87.94	ng	95
32) 4-Chloro-3-methylphenol	6.27	107	125422	180.23	ng	93
48) 2,6-Dinitrotoluene	7.35	165	5638	16.39	ng	40
49) Acenaphthene	7.38	153	107993	93.55	ng	97
53) 2,4-Dinitrotoluene	7.57	165	47286	103.26	ng	79
54) 4-Nitrophenol	7.51	65	60781	182.67	ng	86
66) Pentachlorophenol	8.74	266	58619	196.89	ng	98
70) Di-n-butylphthalate	9.67	149	4579	1.97	ng	77
73) Pyrene	10.63	202	210867	86.60	ng	84
80) bis(2-Ethylhexyl)phthalate	12.25	149	2481	1.60	ng	54

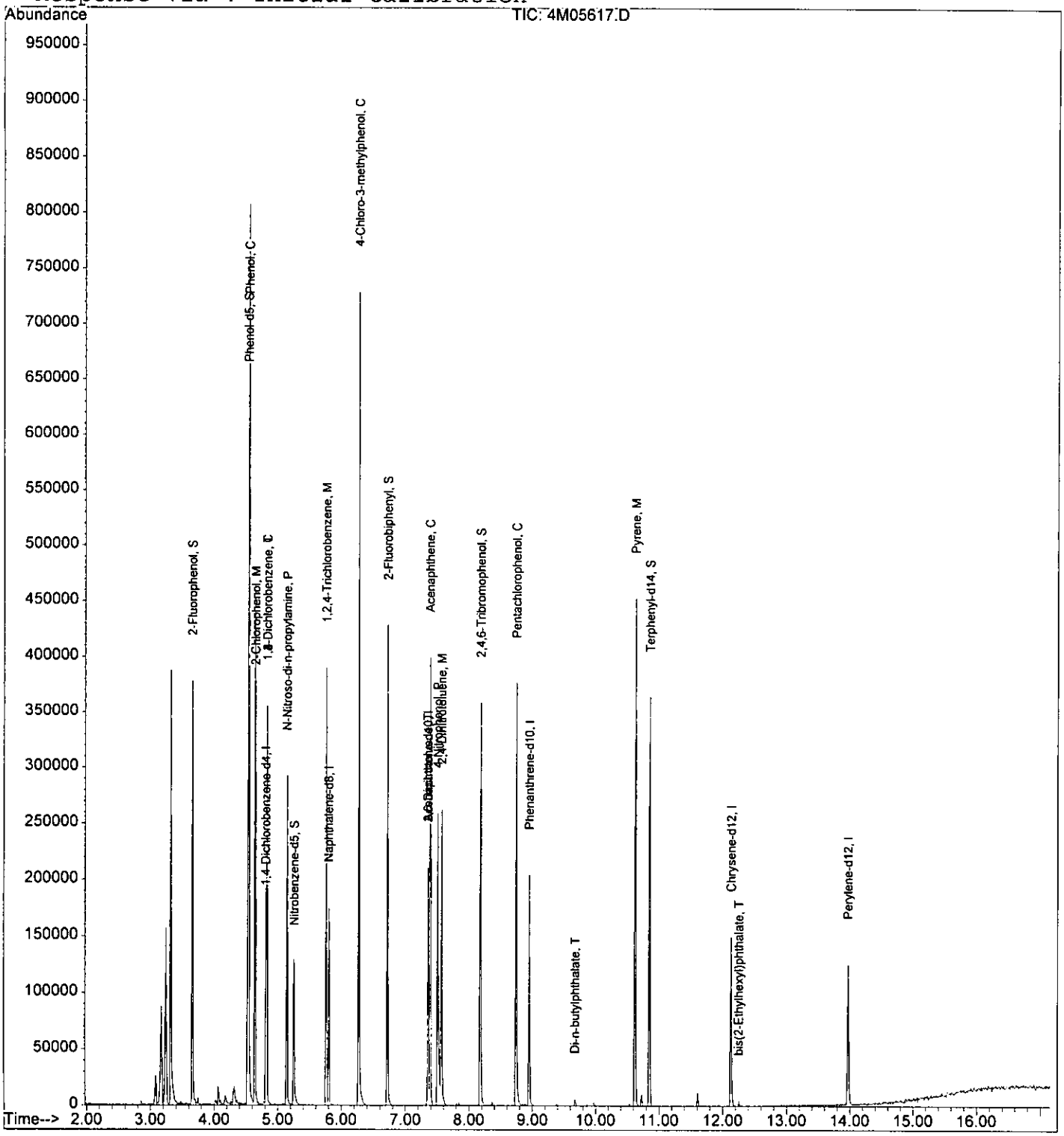
18186

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05617.D Vial: 5
Acq On : 15 Aug 2005 18:52 Operator: AHD
Sample : SMB2626(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 19:09 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



FORM 3

Spike Recovery

Batch Number:	SMB2619	Mbs File:	4M05516.D
Mbs Name:	SMB2619(MS)	Non Spk'd File:	4M05517.D
Ns Name:	AC18888-002	Spike File:	4M05518.D
Ms Name:	AC18888-002(MS)	Spike Dup File:	4M05519.D
Msd Name:	AC18888-002(MS	Matrix:	Soil
		Method:	8270

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
Phenol	1	0	200	26	90	35	161.71	0.00	163.21	175.04	81	82	88	7
2-Chlorophenol	1	0	200	25	102	50	136.80	0.00	156.87	149.67	68	78	75	4.7
1,4-Dichlorobenzene	1	0	100	28	104	27	80.30	0.00	92.96	90.44	80	93	90	2.7
N-Nitroso-di-n-propyla	1	0	100	41	126	38	81.97	0.00	92.42	83.95	82	92	84	9.6
1,2,4-Trichlorobenzene	1	0	100	38	107	23	78.47	0.00	81.03	89.60	78	81	90	10
4-Chloro-3-methylphen	1	0	200	26	103	33	162.66	0.00	155.61	163.58	81	78	82	5
Acenaphthene	1	0	100	31	137	19	77.78	0.00	81.65	83.07	78	82	83	1.7
2,4-Dinitrotoluene	1	0	100	28	89	47	98.19	0.00	100.87	96.06	98 Mo	101 Mo	96 Mo	4.9
4-Nitrophenol	1	0	200	11	114	50	169.60	0.00	173.86	154.32	85	87	77	12
Pentachlorophenol	1	0	200	17	109	47	157.36	0.00	170.93	160.25	79	85	80	6.4
Pyrene	1	0	100	35	142	36	68.54	87.62	102.94	107.70	69	15 Mo	20 Mo	4.5

Note:

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

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05516.D Vial: 5
Acq On : 11 Aug 2005 12:11 Operator: AHD
Sample : SMB2619(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 12:28 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	52784	40.00	ng	-0.02
19) Naphthalene-d8	5.84	136	170352	40.00	ng	-0.03
35) Acenaphthene-d10	7.40	164	92002	40.00	ng	-0.02
59) Phenanthrene-d10	8.99	188	159901	40.00	ng	-0.02
72) Chrysene-d12	12.17	240	135096	40.00	ng	-0.03
81) Perylene-d12	14.02	264	99969	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	217628	148.27	ng	-0.03
Spiked Amount 200.000			Recovery = 74.14%			
7) Phenol-d5	4.56	99	290554	157.64	ng	-0.03
Spiked Amount 200.000			Recovery = 78.82%			
20) Nitrobenzene-d5	5.28	128	64406	78.19	ng	-0.02
Spiked Amount 100.000			Recovery = 78.19%			
40) 2-Fluorobiphenyl	6.76	172	223102	70.92	ng	-0.03
Spiked Amount 100.000			Recovery = 70.92%			
62) 2,4,6-Tribromophenol	8.23	332	121036	150.33	ng	-0.02
Spiked Amount 200.000			Recovery = 75.17%			
75) Terphenyl-d14	10.90	244	245928	64.24	ng	-0.02
Spiked Amount 100.000			Recovery = 64.24%			
Target Compounds						Qvalue
8) Phenol	4.58	94	324907	161.71	ng	57
9) 2-Chlorophenol	4.67	128	212203	136.80	ng	76
10) 1,3-Dichlorobenzene	4.85	146	136859	79.36	ng	98
11) 1,4-Dichlorobenzene	4.85	146	136859	80.30	ng	97
12) 1,2-Dichlorobenzene	4.85	146	136859	80.40	ng	99
17) N-Nitroso-di-n-propylamine	5.17	70	110859	81.97	ng	90
22) Isophorone	5.28	82	143075	42.05	ng	61
28) 1,2,4-Trichlorobenzene	5.79	180	121295	78.47	ng	94
32) 4-Chloro-3-methylphenol	6.31	107	235580	162.66	ng	94
48) 2,6-Dinitrotoluene	7.40	165	12618	16.39	ng	40
49) Acenaphthene	7.43	153	204790	77.78	ng	99
53) 2,4-Dinitrotoluene	7.60	165	87772	98.19	ng	96
54) 4-Nitrophenol	7.54	65	108238	169.60	ng	99
55) Fluorene	8.22	166	5592	2.27	ng	95
66) Pentachlorophenol	8.79	266	121719	157.36	ng	98
73) Pyrene	10.67	202	370436	68.54	ng	92

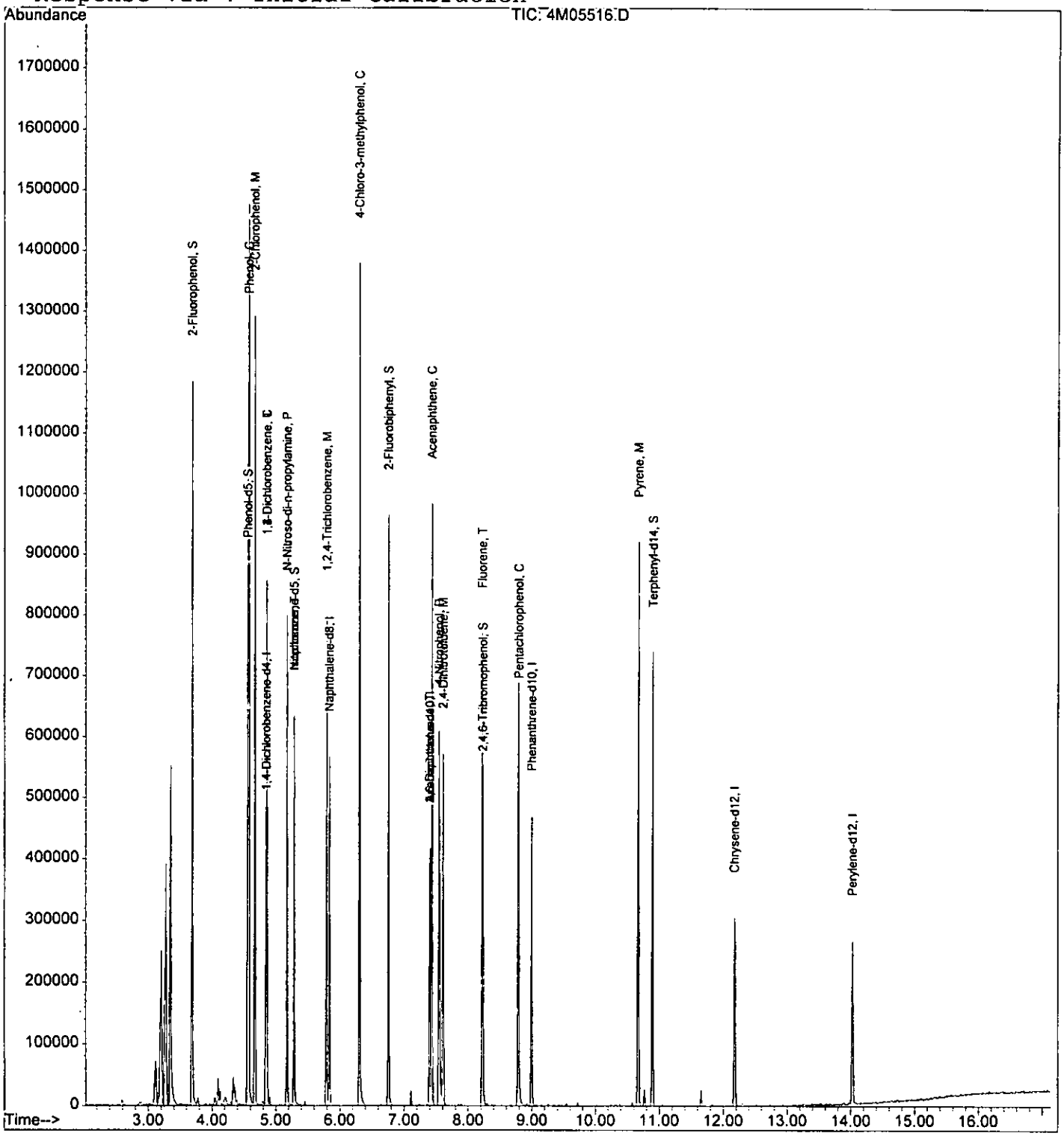
8/18/05

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05516.D Vial: 5
Acq On : 11 Aug 2005 12:11 Operator: AHD
Sample : SMB2619(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 12:28 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05518.D Vial: 7
Acq On : 11 Aug 2005 12:59 Operator: AHD
Sample : AC18888-002(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 13:16 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	40203	40.00	ng	-0.02
19) Naphthalene-d8	5.84	136	135491	40.00	ng	-0.03
35) Acenaphthene-d10	7.40	164	67244	40.00	ng	-0.02
59) Phenanthrene-d10	8.99	188	94050	40.00	ng	-0.02
72) Chrysene-d12	12.17	240	57346	40.00	ng	-0.03
81) Perylene-d12	14.02	264	47616	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	182873	163.58	ng	-0.03
Spiked Amount 200.000			Recovery = 81.79%			
7) Phenol-d5	4.56	99	234770	167.24	ng	-0.03
Spiked Amount 200.000			Recovery = 83.62%			
20) Nitrobenzene-d5	5.28	128	49337	75.31	ng	-0.02
Spiked Amount 100.000			Recovery = 75.31%			
40) 2-Fluorobiphenyl	6.76	172	170351	74.09	ng	-0.03
Spiked Amount 100.000			Recovery = 74.09%			
62) 2,4,6-Tribromophenol	8.23	332	81228	171.53	ng	-0.02
Spiked Amount 200.000			Recovery = 85.77%			
75) Terphenyl-d14	10.90	244	127606	78.52	ng	-0.02
Spiked Amount 100.000			Recovery = 78.52%			
Target Compounds						Qvalue
8) Phenol	4.58	94	249769	163.21	ng	49
9) 2-Chlorophenol	4.67	128	185331	156.87	ng	80
10) 1,3-Dichlorobenzene	4.85	146	120678	91.87	ng	99
11) 1,4-Dichlorobenzene	4.85	146	120678	92.96	ng	99
12) 1,2-Dichlorobenzene	4.85	146	120678	93.08	ng	97
17) N-Nitroso-di-n-propylamine	5.17	70	95205	92.42	ng	87
22) Isophorone	5.28	82	113447	41.92	ng	61
24) 2,4-Dimethylphenol	5.79	107	1342	1.02	ng	74
28) 1,2,4-Trichlorobenzene	5.79	180	99615	81.03	ng	97
32) 4-Chloro-3-methylphenol	6.31	107	179246	155.61	ng	97
48) 2,6-Dinitrotoluene	7.40	165	8823	15.68	ng	40
49) Acenaphthene	7.43	153	157120	81.65	ng	99
53) 2,4-Dinitrotoluene	7.60	165	65901	100.87	ng	88
54) 4-Nitrophenol	7.54	65	81099	173.86	ng	98
66) Pentachlorophenol	8.78	266	77765	170.93	ng	95
67) Phenanthrene	9.01	178	15939	6.65	ng	100
68) Anthracene	9.08	178	4407	1.84	ng	85
70) Di-n-butylphthalate	9.72	149	4717	1.27	ng	77
71) Fluoranthene	10.41	202	35196	16.66	ng	89

(#) = qualifier out of range (m) = manual integration

8/18

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05518.D Vial: 7
Acq On : 11 Aug 2005 12:59 Operator: AHD
Sample : AC18888-002(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 13:16 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

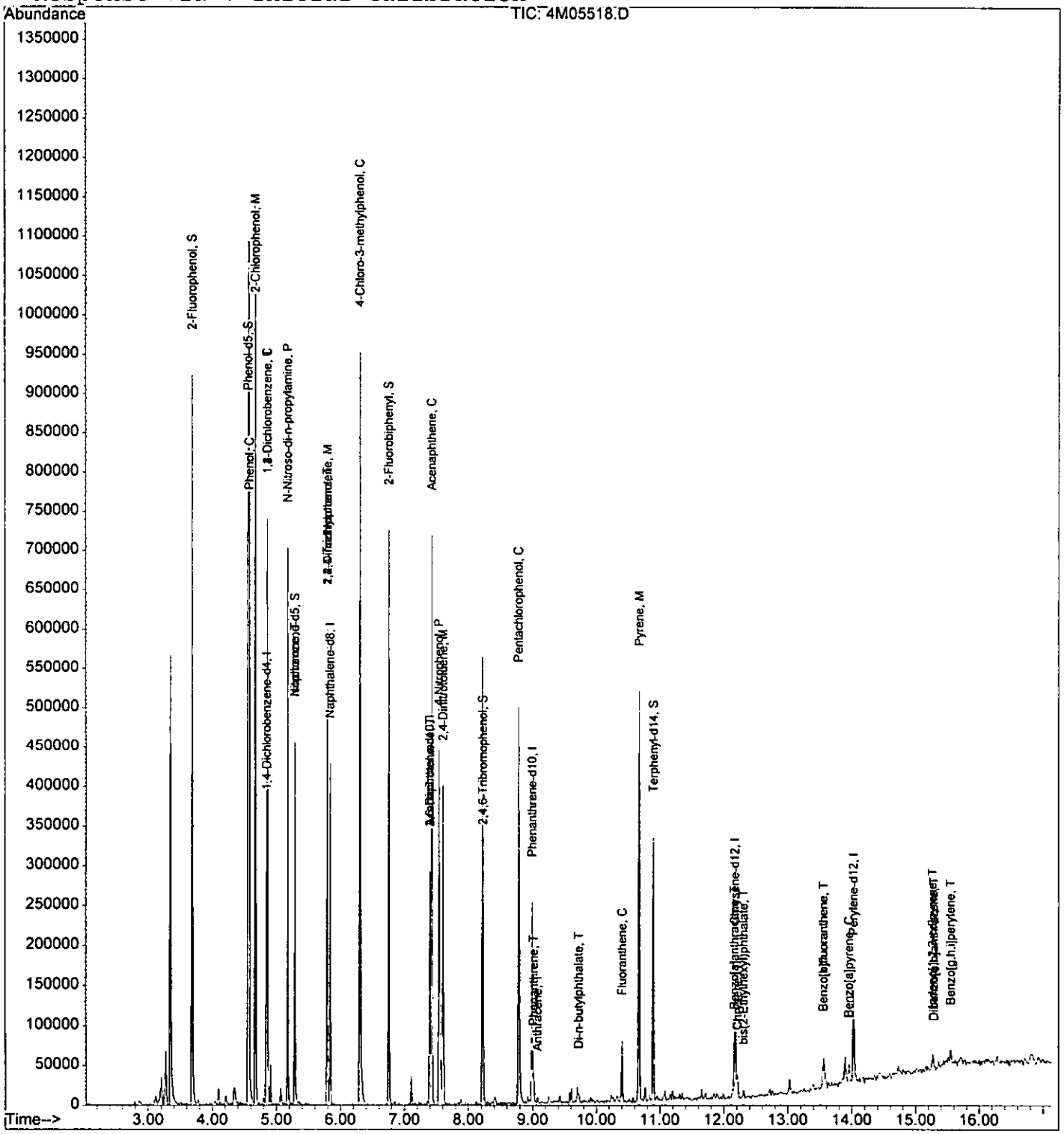
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
73)	Pyrene	10.67	202	236161	102.94	ng	86
78)	Benzo[a]anthracene	12.16	228	17096	9.28	ng	93
79)	Chrysene	12.22	228	17501	10.71	ng	91
80)	bis(2-Ethylhexyl)phthalate	12.31	149	1913	1.05	ng	54
83)	Benzo[b]fluoranthene	13.55	252	30266	17.19	ng	98
84)	Benzo[k]fluoranthene	13.55	252	30266	18.80	ng	94
85)	Benzo[a]pyrene	13.95	252	13838	8.93	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.26	276	9964	5.70	ng	99
87)	Dibenzo[a,h]anthracene	15.28	278	2958	2.12	ng	51
88)	Benzo[g,h,i]perylene	15.55	276	10900	7.45	ng	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05518.D Vial: 7
Acq On : 11 Aug 2005 12:59 Operator: AHD
Sample : AC18888-002(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 13:16 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05519.D Vial: 8
Acq On : 11 Aug 2005 13:23 Operator: AHD
Sample : AC18888-002(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 14:22 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	41874	40.00	ng	-0.02
19) Naphthalene-d8	5.83	136	129677	40.00	ng	-0.03
35) Acenaphthene-d10	7.40	164	66784	40.00	ng	-0.02
59) Phenanthrene-d10	8.99	188	91930	40.00	ng	-0.02
72) Chrysene-d12	12.17	240	50389	40.00	ng	-0.03
81) Perylene-d12	14.02	264	38666	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.69	112	189112	162.41	ng	-0.03
Spiked Amount 200.000			Recovery = 81.21%			
7) Phenol-d5	4.56	99	244321	167.10	ng	-0.03
Spiked Amount 200.000			Recovery = 83.55%			
20) Nitrobenzene-d5	5.28	128	51946	82.85	ng	-0.02
Spiked Amount 100.000			Recovery = 82.85%			
40) 2-Fluorobiphenyl	6.75	172	174320	76.34	ng	-0.03
Spiked Amount 100.000			Recovery = 76.34%			
62) 2,4,6-Tribromophenol	8.23	332	79134	170.96	ng	-0.02
Spiked Amount 200.000			Recovery = 85.48%			
75) Terphenyl-d14	10.90	244	117627	82.38	ng	-0.02
Spiked Amount 100.000			Recovery = 82.38%			
Target Compounds						Qvalue
8) Phenol	4.58	94	278994	175.04	ng	53
9) 2-Chlorophenol	4.67	128	184172	149.67	ng	78
10) 1,3-Dichlorobenzene	4.85	146	122285	89.38	ng	98
11) 1,4-Dichlorobenzene	4.85	146	122285	90.44	ng	97
12) 1,2-Dichlorobenzene	4.85	146	122285	90.56	ng	99
17) N-Nitroso-di-n-propylamine	5.17	70	90066	83.95	ng	90
22) Isophorone	5.28	82	115084	44.44	ng	61
28) 1,2,4-Trichlorobenzene	5.79	180	105425	89.60	ng	97
32) 4-Chloro-3-methylphenol	6.30	107	180342	163.58	ng	92
48) 2,6-Dinitrotoluene	7.40	165	9303	16.65	ng	40
49) Acenaphthene	7.43	153	158764	83.07	ng	99
53) 2,4-Dinitrotoluene	7.60	165	62329	96.06	ng	93
54) 4-Nitrophenol	7.54	65	71491	154.32	ng	98
66) Pentachlorophenol	8.79	266	71260	160.25	ng	98
67) Phenanthrene	9.01	178	15476	6.60	ng	97
68) Anthracene	9.08	178	4641	1.99	ng	92
70) Di-n-butylphthalate	9.72	149	4391	1.21	ng	83
71) Fluoranthene	10.40	202	35723	17.30	ng	88
73) Pyrene	10.67	202	217106	107.70	ng	87

(#) = qualifier out of range (m) = manual integration

18180

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05519.D Vial: 8
Acq On : 11 Aug 2005 13:23 Operator: AHD
Sample : AC18888-002(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 14:22 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

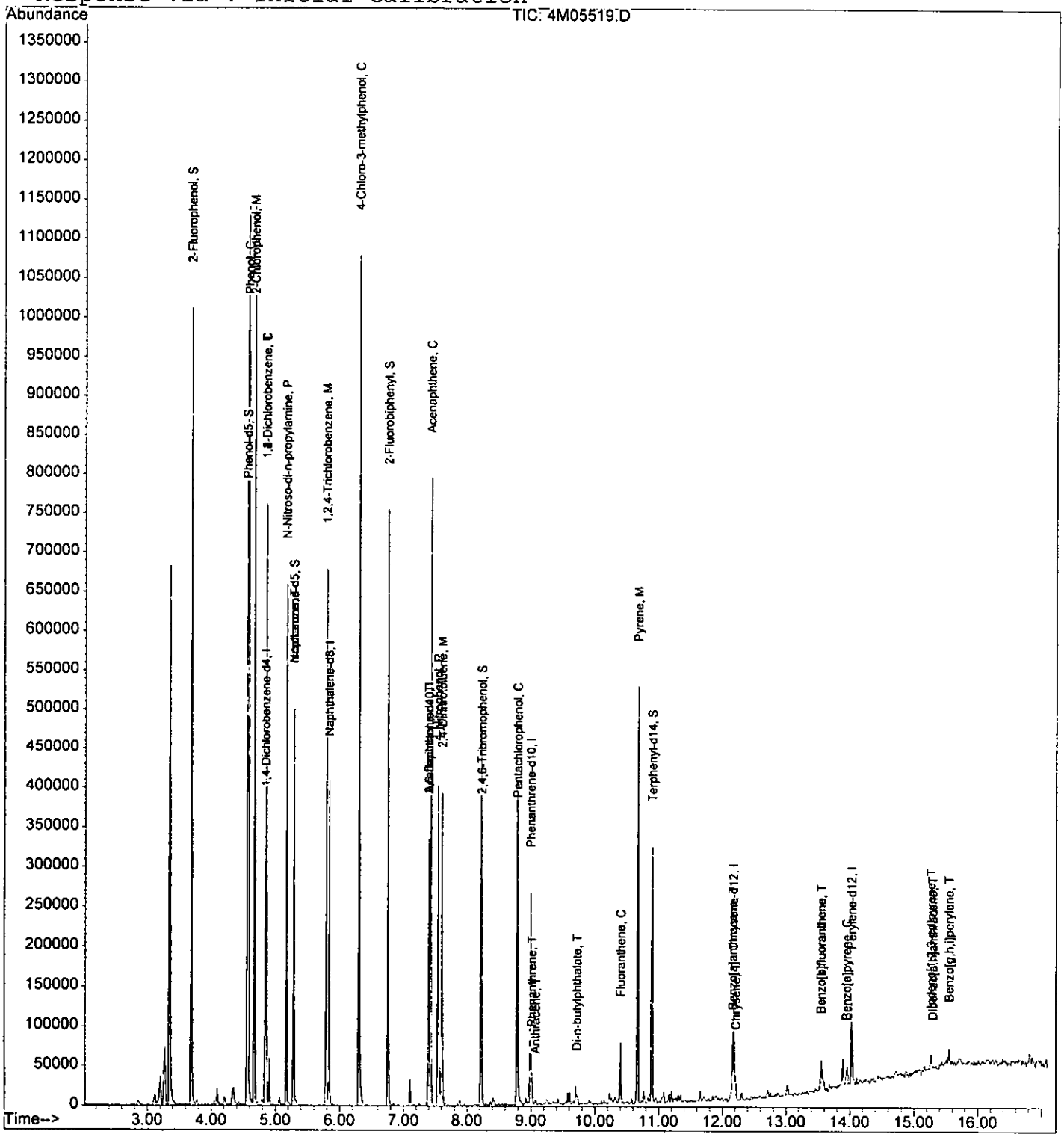
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
78) Benzo[a]anthracene	12.16	228	18509	11.43	ng	98
79) Chrysene	12.21	228	19269	13.42	ng	95
83) Benzo[b]fluoranthene	13.55	252	29912	20.92	ng	95
84) Benzo[k]fluoranthene	13.55	252	29912	22.89	ng	97
85) Benzo[a]pyrene	13.95	252	13931	11.07	ng	92
86) Indeno[1,2,3-cd]pyrene	15.26	276	10150	7.15	ng	87
87) Dibenzo[a,h]anthracene	15.29	278	2823	2.49	ng	51
88) Benzo[g,h,i]perylene	15.55	276	9899	8.33	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-11-05\4M05519.D Vial: 8
Acq On : 11 Aug 2005 13:23 Operator: AHD
Sample : AC18888-002(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 14:22 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



FORM 3
Spike Recovery

Batch Number: SMB2623
Mbs Name: SMB2623(MS)
Ns Name: AC19029-002
Ms Name: AC19029-002(MS)
Msd Name: AC19029-002(MS

Mbs File: 4M05563.D
Non Spk'd File: 4M05564.D
Spike File: 4M05565.D
Spike Dup File: 4M05566.D
Matrix: Soil
Method: 8270

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
Phenol	1	0	200	26	90	35	169.59	0.00	159.47	168.74	85	80	84	5.6
2-Chlorophenol	1	0	200	25	102	50	158.21	0.00	164.89	155.73	79	82	78	5.7
1,4-Dichlorobenzene	1	0	100	28	104	27	83.92	0.00	76.17	80.37	84	76	80	5.4
N-Nitroso-di-n-propyla	1	0	100	41	126	38	98.86	0.00	94.34	95.93	99	94	96	1.7
1,2,4-Trichlorobenzene	1	0	100	38	107	23	84.22	0.00	86.34	78.56	84	86	79	9.4
4-Chloro-3-methylphen	1	0	200	26	103	33	159.85	0.00	168.52	159.91	80	84	80	5.2
Acenaphthene	1	0	100	31	137	19	78.05	0.00	78.62	83.96	78	79	84	6.6
2,4-Dinitrotoluene	1	0	100	28	89	47	104.26	0.00	106.25	101.98	104 Mo	106 Mo	102 Mo	4.1
4-Nitrophenol	1	0	200	11	114	50	144.84	0.00	144.37	148.34	72	72	74	2.7
Pentachlorophenol	1	0	200	17	109	47	96.08	0.00	107.38	100.40	48	54	50	6.7
Pyrene	1	0	100	35	142	36	67.83	0.00	98.38	110.85	68	98	111	12

Note:

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

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05563.D Vial: 9
Acq On : 12 Aug 2005 13:24 Operator: AHD
Sample : SMB2623(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 13:41 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	36650	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	130809	40.00	ng	0.00
35) Acenaphthene-d10	7.38	164	89261	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	181545	40.00	ng	0.00
72) Chrysene-d12	12.17	240	185204	40.00	ng	0.00
81) Perylene-d12	14.01	264	126584	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	181664	168.80	ng	0.00
Spiked Amount 200.000			Recovery = 84.40%			
7) Phenol-d5	4.55	99	240628	166.60	ng	0.00
Spiked Amount 200.000			Recovery = 83.30%			
20) Nitrobenzene-d5	5.28	128	53290	87.61	ng	0.00
Spiked Amount 100.000			Recovery = 87.61%			
40) 2-Fluorobiphenyl	6.74	172	208769	73.56	ng	0.00
Spiked Amount 100.000			Recovery = 73.56%			
62) 2,4,6-Tribromophenol	8.21	332	125405	154.43	ng	0.00
Spiked Amount 200.000			Recovery = 77.22%			
75) Terphenyl-d14	10.88	244	318951	63.86	ng	0.00
Spiked Amount 100.000			Recovery = 63.86%			
Target Compounds						Qvalue
8) Phenol	4.57	94	272700	169.59	ng	52
9) 2-Chlorophenol	4.66	128	191103	158.21	ng	85
10) 1,3-Dichlorobenzene	4.85	146	112768	87.86	ng	99
11) 1,4-Dichlorobenzene	4.85	146	112768	83.92	ng	100
12) 1,2-Dichlorobenzene	4.85	146	112768	93.80	ng	98
17) N-Nitroso-di-n-propylamine	5.16	70	103164	98.86	ng	84
22) Isophorone	5.28	82	113532	43.94	ng	61
28) 1,2,4-Trichlorobenzene	5.78	180	98202	84.22	ng	95
32) 4-Chloro-3-methylphenol	6.29	107	195190	159.85	ng	88
48) 2,6-Dinitrotoluene	7.38	165	12477	17.02	ng	40
49) Acenaphthene	7.41	153	192051	78.05	ng	97
53) 2,4-Dinitrotoluene	7.60	165	101767	104.26	ng	83
54) 4-Nitrophenol	7.54	65	102726	144.84	ng	93
66) Pentachlorophenol	8.77	266	72920	96.08	ng	97
73) Pyrene	10.65	202	465399	67.83	ng	95

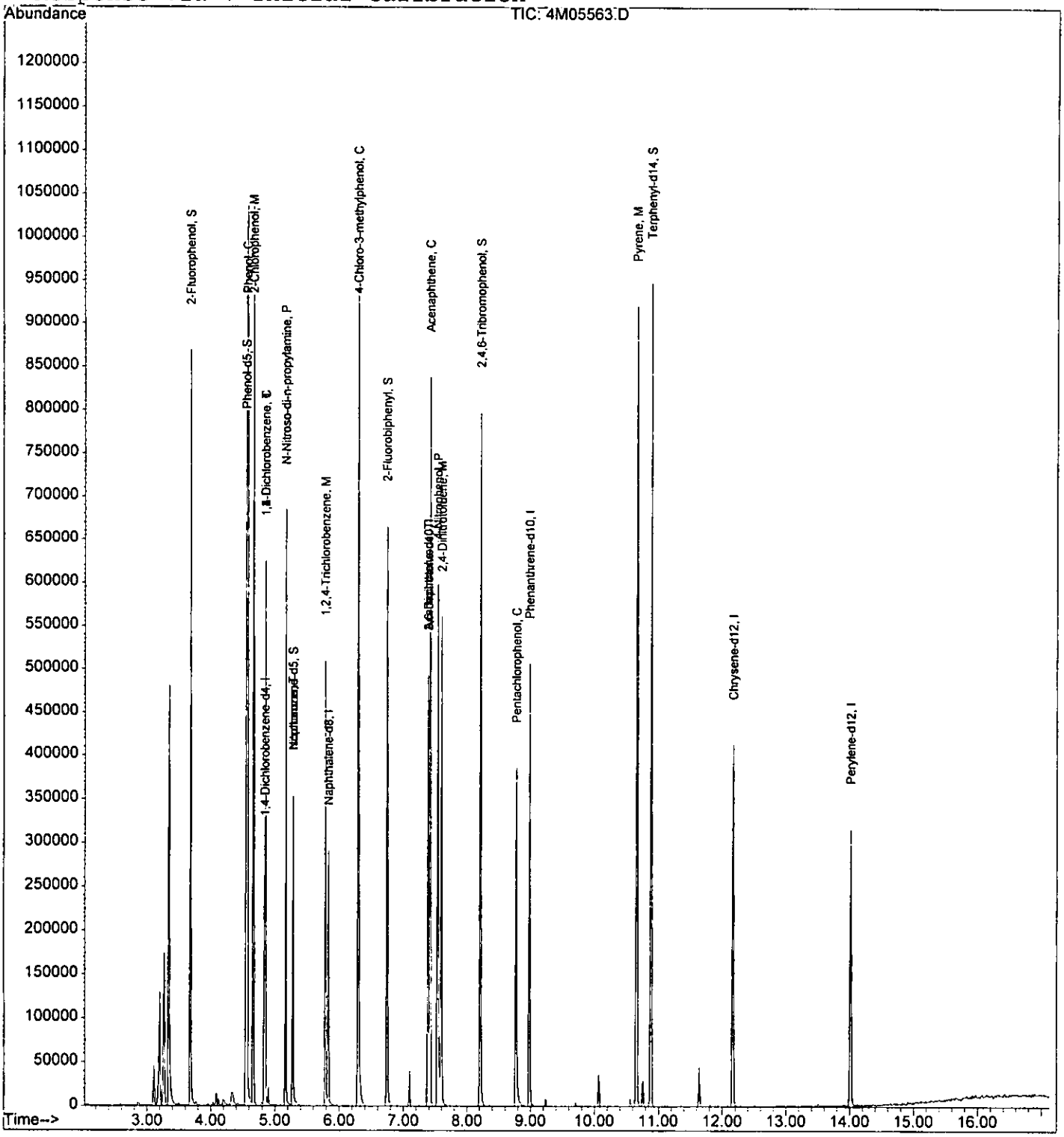
1818

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05563.D Vial: 9
Acq On : 12 Aug 2005 13:24 Operator: AHD
Sample : SMB2623(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 13:41 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05565.D Vial: 14
Acq On : 12 Aug 2005 14:12 Operator: AHD
Sample : AC19029-002(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 14:29 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.83	152	37818	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	136423	40.00	ng	0.00
35) Acenaphthene-d10	7.38	164	100991	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	191087	40.00	ng	0.00
72) Chrysene-d12	12.16	240	102061	40.00	ng	0.00
81) Perylene-d12	14.01	264	56577	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	187889	169.19	ng	0.00
Spiked Amount 200.000			Recovery = 84.60%			
7) Phenol-d5	4.55	99	244887	164.31	ng	0.00
Spiked Amount 200.000			Recovery = 82.16%			
20) Nitrobenzene-d5	5.28	128	51543	81.25	ng	0.00
Spiked Amount 100.000			Recovery = 81.25%			
40) 2-Fluorobiphenyl	6.74	172	212522	66.18	ng	0.00
Spiked Amount 100.000			Recovery = 66.18%			
62) 2,4,6-Tribromophenol	8.21	332	140858	164.80	ng	0.00
Spiked Amount 200.000			Recovery = 82.40%			
75) Terphenyl-d14	10.88	244	254021	92.30	ng	0.00
Spiked Amount 100.000			Recovery = 92.30%			
Target Compounds						Qvalue
8) Phenol	4.57	94	264587	159.47	ng	48
9) 2-Chlorophenol	4.66	128	205513	164.89	ng	89
10) 1,3-Dichlorobenzene	4.85	146	105615	79.74	ng	97
11) 1,4-Dichlorobenzene	4.85	146	105615	76.17	ng	97
12) 1,2-Dichlorobenzene	4.85	146	105615	85.13	ng	99
17) N-Nitroso-di-n-propylamine	5.17	70	101588	94.34	ng	81
22) Isophorone	5.28	82	108737	40.36	ng	61
28) 1,2,4-Trichlorobenzene	5.78	180	104993	86.34	ng	95
32) 4-Chloro-3-methylphenol	6.29	107	214611	168.52	ng	86
48) 2,6-Dinitrotoluene	7.38	165	14085	16.98	ng	40
49) Acenaphthene	7.41	153	218870	78.62	ng	99
53) 2,4-Dinitrotoluene	7.60	165	117337	106.25	ng	79
54) 4-Nitrophenol	7.54	65	115853	144.37	ng	100
66) Pentachlorophenol	8.77	266	85782	107.38	ng	97
70) Di-n-butylphthalate	9.70	149	7828	1.26	ng	92
73) Pyrene	10.66	202	372010	98.38	ng	93

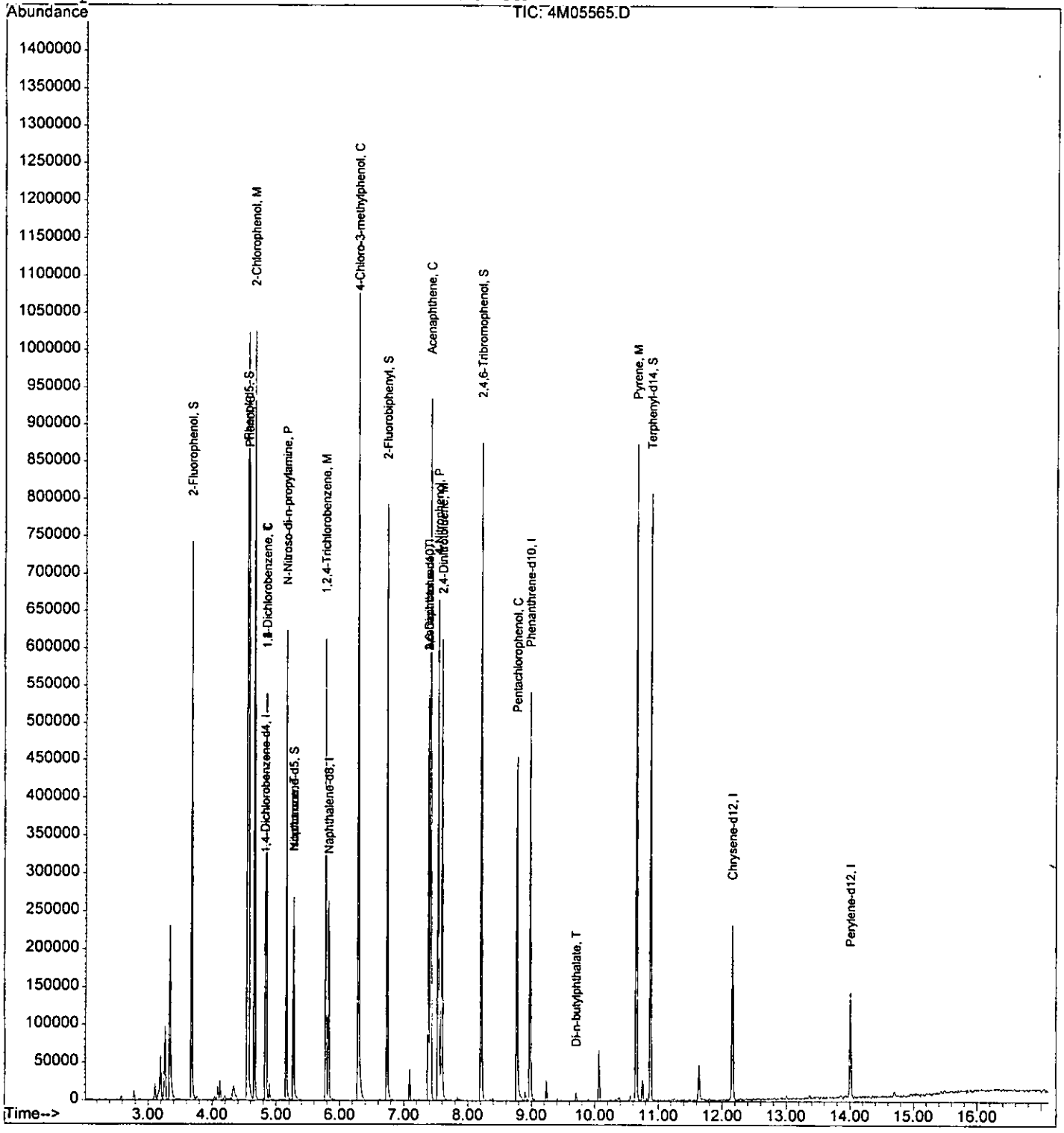
8/18

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05565.D Vial: 14
Acq On : 12 Aug 2005 14:12 Operator: AHD
Sample : AC19029-002(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 14:29 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05566.D Vial: 15
Acq On : 12 Aug 2005 14:36 Operator: AHD
Sample : AC19029-002(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 14:53 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	38361	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	154277	40.00	ng	0.00
35) Acenaphthene-d10	7.38	164	98337	40.00	ng	0.00
59) Phenanthrene-d10	8.98	188	186776	40.00	ng	0.00
72) Chrysene-d12	12.17	240	84128	40.00	ng	0.00
81) Perylene-d12	14.01	264	49060	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	193077	171.41	ng	0.00
Spiked Amount 200.000			Recovery = 85.71%			
7) Phenol-d5	4.56	99	257409	170.27	ng	0.00
Spiked Amount 200.000			Recovery = 85.14%			
20) Nitrobenzene-d5	5.28	128	58114	81.01	ng	0.00
Spiked Amount 100.000			Recovery = 81.01%			
40) 2-Fluorobiphenyl	6.75	172	233142	74.57	ng	0.00
Spiked Amount 100.000			Recovery = 74.57%			
62) 2,4,6-Tribromophenol	8.21	332	136084	162.89	ng	0.00
Spiked Amount 200.000			Recovery = 81.44%			
75) Terphenyl-d14	10.88	244	236385	104.20	ng	0.00
Spiked Amount 100.000			Recovery = 104.20%			
Target Compounds						Qvalue
8) Phenol	4.57	94	283994	168.74	ng	56
9) 2-Chlorophenol	4.66	128	196881	155.73	ng	84
10) 1,3-Dichlorobenzene	4.85	146	113032	84.14	ng	99
11) 1,4-Dichlorobenzene	4.85	146	113032	80.37	ng	99
12) 1,2-Dichlorobenzene	4.85	146	113032	89.82	ng	98
17) N-Nitroso-di-n-propylamine	5.16	70	104774	95.93	ng	81
28) 1,2,4-Trichlorobenzene	5.79	180	108042	78.56	ng	97
32) 4-Chloro-3-methylphenol	6.29	107	230299	159.91	ng	85
49) Acenaphthene	7.41	153	227604	83.96	ng	98
53) 2,4-Dinitrotoluene	7.60	165	109666	101.98	ng	89
54) 4-Nitrophenol	7.54	65	115909	148.34	ng	99
66) Pentachlorophenol	8.77	266	78398	100.40	ng	99
70) Di-n-butylphthalate	9.70	149	8923	1.46	ng	94
73) Pyrene	10.65	202	345503	110.85	ng	93

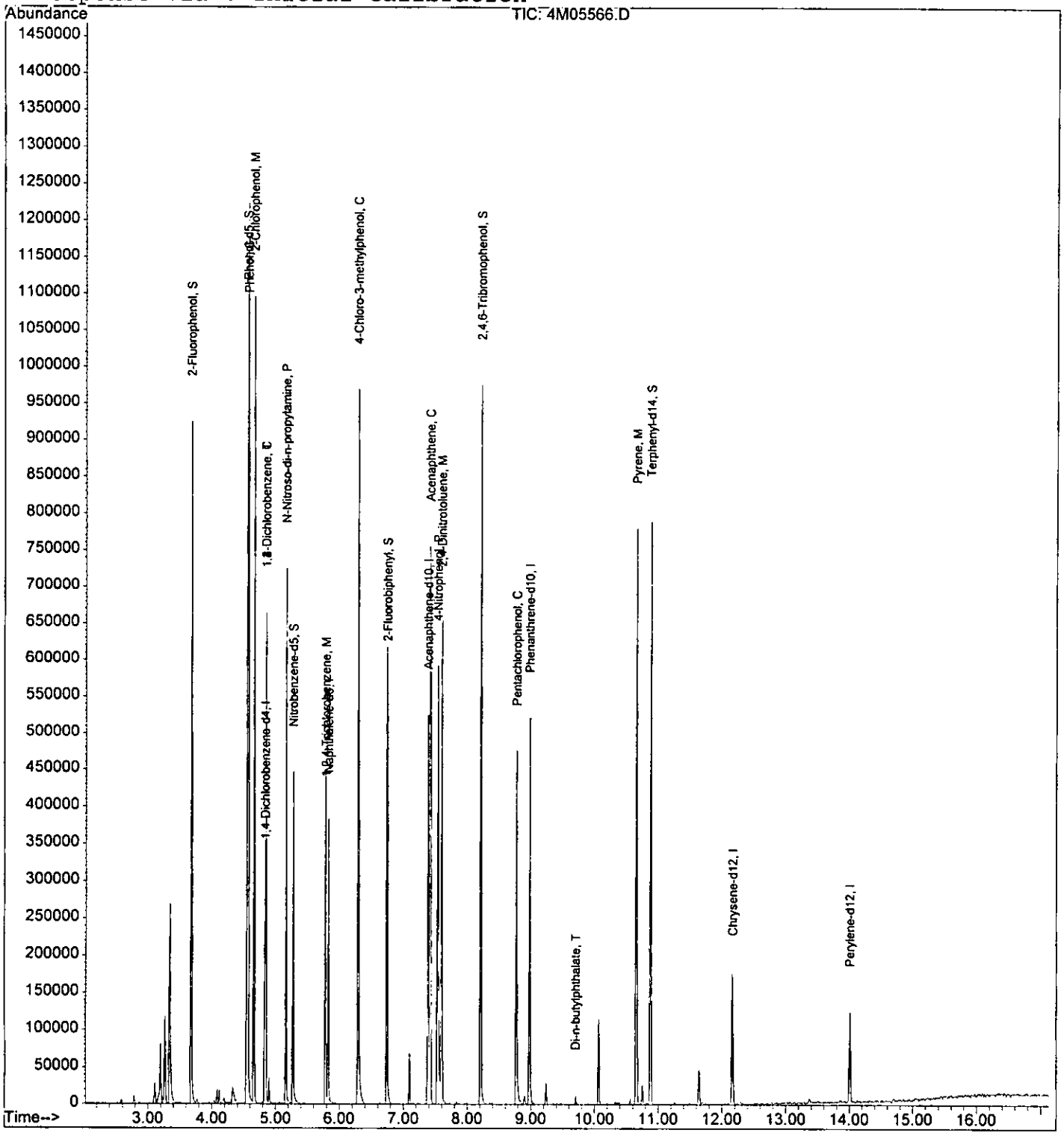
AHB 8/18

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05566.D Vial: 15
Acq On : 12 Aug 2005 14:36 Operator: AHD
Sample : AC19029-002(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 14:53 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



FORM 3
Spike Recovery

Batch Number: SMB2625
Mbs Name: SMB2625(MS)
Ns Name: AC18932-001
Ms Name: AC18932-001(MS)
Msd Name: AC18932-001(MS

Mbs File: 4M05616.D
Non Spk'd File: 4M05618.D
Spike File: 4M05619.D
Spike Dup File: 4M05620.D
Matrix: Soil
Method: 8270

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
Phenol	1	0	200	26	90	35	131.93	0.00	138.77	141.38	66	69	71	1.9
2-Chlorophenol	1	0	200	25	102	50	141.41	0.00	162.69	144.63	71	81	72	12
1,4-Dichlorobenzene	1	0	100	28	104	27	72.71	0.00	86.19	72.92	73	86	73	17
N-Nitroso-di-n-propyla	1	0	100	41	126	38	70.32	0.00	90.46	77.99	70	90	78	15
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.67	0.00	94.17	90.13	87	94	90	4.4
4-Chloro-3-methylphen	1	0	200	26	103	33	149.92	0.00	159.22	166.86	75	80	83	4.7
Acenaphthene	1	0	100	31	137	19	92.29	7.66	96.26	89.17	92	89	82	7.6
2,4-Dinitrotoluene	1	0	100	28	89	47	98.62	0.00	96.83	88.19	99 Mo	97 Mo	88	9.3
4-Nitrophenol	1	0	200	11	114	50	180.92	0.00	156.72	148.90	90	78	74	5.1
Pentachlorophenol	1	0	200	17	109	47	192.30	0.00	198.67	179.68	96	99	90	10
Pyrene	1	0	100	35	142	36	87.08	57.88	208.41	221.49	87	151 Mo	164 Mo	6.1

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05616.D Vial: 4
Acq On : 15 Aug 2005 18:28 Operator: AHD
Sample : SMB2625(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 18:45 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	29237	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	90612	40.00	ng	-0.03
35) Acenaphthene-d10	7.36	164	48334	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	82021	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	71676	40.00	ng	-0.04
81) Perylene-d12	13.97	264	61393	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.66	112	120674	140.56	ng	-0.03
Spiked Amount 200.000			Recovery = 70.28%			
7) Phenol-d5	4.53	99	157794	136.95	ng	-0.03
Spiked Amount 200.000			Recovery = 68.47%			
20) Nitrobenzene-d5	5.25	128	32209	76.44	ng	-0.03
Spiked Amount 100.000			Recovery = 76.44%			
40) 2-Fluorobiphenyl	6.72	172	121750	79.22	ng	-0.02
Spiked Amount 100.000			Recovery = 79.22%			
62) 2,4,6-Tribromophenol	8.19	332	67167	183.08	ng	-0.03
Spiked Amount 200.000			Recovery = 91.54%			
75) Terphenyl-d14	10.84	244	145284	75.17	ng	-0.04
Spiked Amount 100.000			Recovery = 75.17%			
Target Compounds						Qvalue
8) Phenol	4.55	94	169226	131.93	ng	48
9) 2-Chlorophenol	4.64	128	136261	141.41	ng	79
10) 1,3-Dichlorobenzene	4.82	146	77941	76.12	ng	97
11) 1,4-Dichlorobenzene	4.82	146	77941	72.71	ng	96
12) 1,2-Dichlorobenzene	4.82	146	77941	81.27	ng	98
17) N-Nitroso-di-n-propylamine	5.14	70	58541	70.32	ng	97
22) Isophorone	5.25	82	80071	44.74	ng	61
28) 1,2,4-Trichlorobenzene	5.76	180	70007	86.67	ng	96
32) 4-Chloro-3-methylphenol	6.27	107	126807	149.92	ng	92
48) 2,6-Dinitrotoluene	7.36	165	6431	16.20	ng	40
49) Acenaphthene	7.39	153	122968	92.29	ng	97
53) 2,4-Dinitrotoluene	7.57	165	52127	98.62	ng	68
54) 4-Nitrophenol	7.50	65	69485	180.92	ng	93
66) Pentachlorophenol	8.74	266	65940	192.30	ng	96
70) Di-n-butylphthalate	9.68	149	6457	2.41	ng	92
73) Pyrene	10.62	202	231241	87.08	ng	98
80) bis(2-Ethylhexyl)phthalate	12.25	149	3613	2.14	ng	96

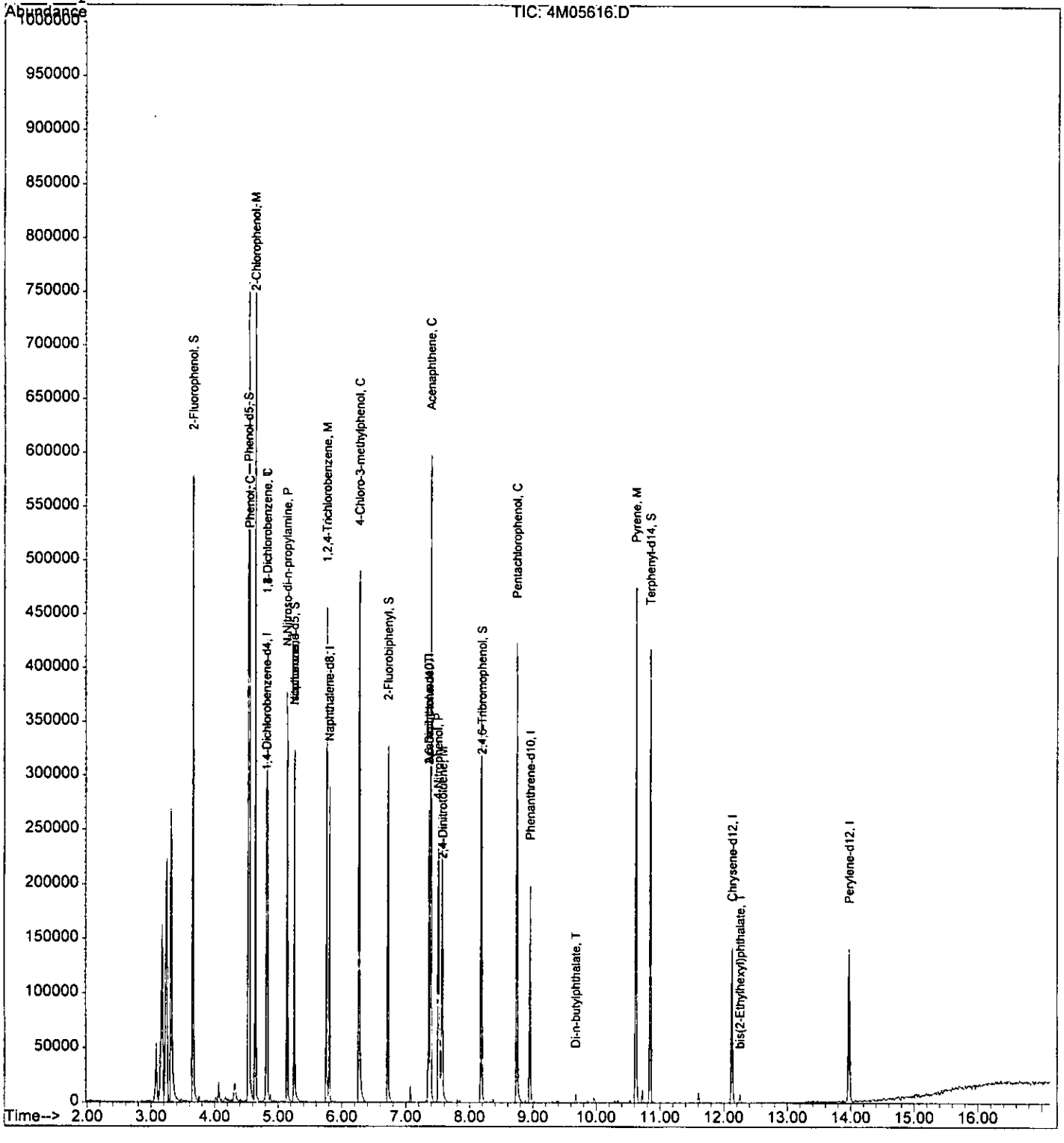
1818

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05616.D Vial: 4
Acq On : 15 Aug 2005 18:28 Operator: AHD
Sample : SMB2625(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 18:45 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05619.D Vial: 7
Acq On : 15 Aug 2005 19:40 Operator: AHD
Sample : AC18932-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 19:57 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	40008	40.00	ng	-0.03
19) Naphthalene-d8	5.81	136	123199	40.00	ng	-0.02
35) Acenaphthene-d10	7.36	164	68974	40.00	ng	-0.02
59) Phenanthrene-d10	8.96	188	108621	40.00	ng	-0.02
72) Chrysene-d12	12.13	240	74767	40.00	ng	-0.04
81) Perylene-d12	13.97	264	58406	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	171401	145.90	ng	-0.03
Spiked Amount 200.000			Recovery = 72.95%			
7) Phenol-d5	4.53	99	228205	144.73	ng	-0.02
Spiked Amount 200.000			Recovery = 72.36%			
20) Nitrobenzene-d5	5.26	128	47565	83.03	ng	-0.02
Spiked Amount 100.000			Recovery = 83.03%			
40) 2-Fluorobiphenyl	6.72	172	173183	78.97	ng	-0.02
Spiked Amount 100.000			Recovery = 78.97%			
62) 2,4,6-Tribromophenol	8.19	332	88234	181.61	ng	-0.02
Spiked Amount 200.000			Recovery = 90.81%			
75) Terphenyl-d14	10.85	244	158535	78.63	ng	-0.03
Spiked Amount 100.000			Recovery = 78.63%			
Target Compounds						Qvalue
8) Phenol	4.54	94	243587	138.77	ng	61
9) 2-Chlorophenol	4.64	128	214518	162.69	ng	96
10) 1,3-Dichlorobenzene	4.83	146	126431	90.24	ng	96
11) 1,4-Dichlorobenzene	4.83	146	126431	86.19	ng	96
12) 1,2-Dichlorobenzene	4.83	146	126431	96.33	ng	97
15) 2-Methylphenol	4.83	108	1258	1.12	ng	59
17) N-Nitroso-di-n-propylamine	5.15	70	103051	90.46	ng	80
22) Isophorone	5.43	82	9086	3.73	ng	61
24) 2,4-Dimethylphenol	5.53	107	3665	3.04	ng	72
26) bis(2-Chloroethoxy)methane	5.64	93	5456	3.73	ng	77
28) 1,2,4-Trichlorobenzene	5.76	180	103412	94.17	ng	93
32) 4-Chloro-3-methylphenol	6.27	107	183112	159.22	ng	89
33) 2-Methylnaphthalene	6.39	142	5707	2.85	ng	86
34) Methylnaphthalene(Total)	6.39	142	5707	2.85	ng	86
42) 2-Nitroaniline	6.98	65	5281	4.70	ng	44
43) 1,4-Dimethylnaphthalene	7.15	156	36199	27.80	ng	89
44) Dimethylnaphthalene(Total)	7.15	156	36199	27.80	ng	89
46) Acenaphthylene	7.22	152	10176	3.41	ng	86
47) Dimethylphthalate	7.17	163	3329	1.39	ng	31

(#) = qualifier out of range (m) = manual integration

1828

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05619.D Vial: 7
Acq On : 15 Aug 2005 19:40 Operator: AHD
Sample : AC18932-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 19:57 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

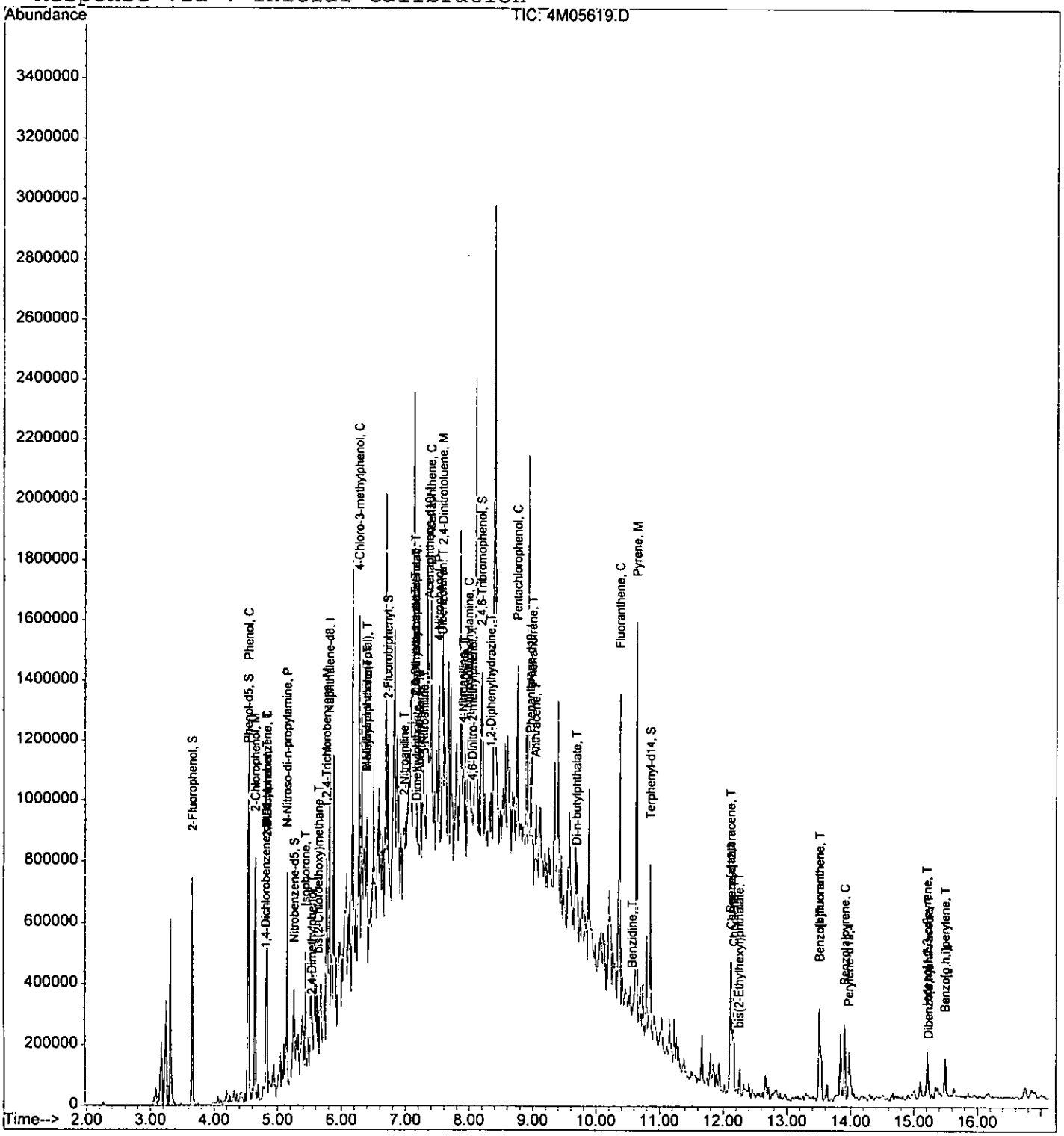
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	2,6-Dinitrotoluene	7.15	165	4848	8.56	ng	98
49)	Acenaphthene	7.39	153	183024	96.26	ng	99
50)	3-Nitroaniline	7.28	138	5575	9.68	ng	69
52)	Dibenzofuran	7.57	168	10602	3.91	ng	71
53)	2,4-Dinitrotoluene	7.58	165	73036	96.83	ng	86
54)	4-Nitrophenol	7.52	65	85894	156.72	ng	89
55)	Fluorene	7.93	166	23919	11.79	ng	81
58)	4-Nitroaniline	7.90	138	1426	2.16	ng	73
60)	4,6-Dinitro-2-methylphenol	8.05	198	457	1.13	ng	100
61)	n-Nitrosodiphenylamine	7.99	169	57974	42.83	ng	93
63)	1,2-Diphenylhydrazine	8.34	77	12641	5.22	ng	59
66)	Pentachlorophenol	8.75	266	90216	198.67	ng	99
67)	Phenanthrene	8.99	178	227900	84.69	ng	98
68)	Anthracene	9.04	178	64773	23.19	ng	90
70)	Di-n-butylphthalate	9.69	149	8967	2.53	ng	51
71)	Fluoranthene	10.37	202	410830	145.39	ng	92
73)	Pyrene	10.64	202	577307	208.41	ng	90
74)	Benzidine	10.56	184	1016	1.21	ng	84
78)	Benzo[a]anthracene	12.12	228	189150	81.60	ng	99
79)	Chrysene	12.17	228	167825	80.42	ng	97
80)	bis(2-Ethylhexyl)phthalate	12.25	149	4619	2.62	ng	98
83)	Benzo[b]fluoranthene	13.51	252	255605	109.46	ng	97
84)	Benzo[k]fluoranthene	13.51	252	255605	125.43	ng	96
85)	Benzo[a]pyrene	13.91	252	132607	67.93	ng	93
86)	Indeno[1,2,3-cd]pyrene	15.21	276	80241	39.22	ng	87
87)	Dibenzo[a,h]anthracene	15.23	278	21885	13.13	ng	93
88)	Benzo[g,h,i]perylene	15.49	276	76275	46.65	ng	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05619.D Vial: 7
Acq On : 15 Aug 2005 19:40 Operator: AHD
Sample : AC18932-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 19:57 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05620.D Vial: 8
Acq On : 15 Aug 2005 20:03 Operator: AHD
Sample : AC18932-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 20:21 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	33975	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	104617	40.00	ng	-0.03
35) Acenaphthene-d10	7.37	164	61436	40.00	ng	-0.02
59) Phenanthrene-d10	8.95	188	91541	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	58598	40.00	ng	-0.04
81) Perylene-d12	13.97	264	51650	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	138859	139.19	ng	-0.03
Spiked Amount 200.000			Recovery = 69.60%			
7) Phenol-d5	4.53	99	191654	143.14	ng	-0.02
Spiked Amount 200.000			Recovery = 71.57%			
20) Nitrobenzene-d5	5.26	128	34873	71.69	ng	-0.02
Spiked Amount 100.000			Recovery = 71.69%			
40) 2-Fluorobiphenyl	6.72	172	154690	79.19	ng	-0.02
Spiked Amount 100.000			Recovery = 79.19%			
62) 2,4,6-Tribromophenol	8.18	332	77062	188.21	ng	-0.03
Spiked Amount 200.000			Recovery = 94.11%			
75) Terphenyl-d14	10.85	244	130761	82.75	ng	-0.03
Spiked Amount 100.000			Recovery = 82.75%			
Target Compounds						Qvalue
8) Phenol	4.54	94	210747	141.38	ng	58
9) 2-Chlorophenol	4.65	128	161940	144.63	ng	99
10) 1,3-Dichlorobenzene	4.83	146	90829	76.34	ng	97
11) 1,4-Dichlorobenzene	4.83	146	90829	72.92	ng	97
12) 1,2-Dichlorobenzene	4.83	146	90829	81.50	ng	99
17) N-Nitroso-di-n-propylamine	5.15	70	75445	77.99	ng	70
22) Isophorone	5.43	82	3702	1.79	ng	61
28) 1,2,4-Trichlorobenzene	5.76	180	84054	90.13	ng	95
29) Naphthalene	5.82	128	7034	2.83	ng	36
32) 4-Chloro-3-methylphenol	6.27	107	162951	166.86	ng	92
33) 2-Methylnaphthalene	6.39	142	2883	1.70	ng	99
34) Methylnaphthalene(Total)	6.39	142	2883	1.70	ng	99
42) 2-Nitroaniline	6.85	65	5912	5.90	ng	34
43) 1,4-Dimethylnaphthalene	7.14	156	20709	17.85	ng	93
44) Dimethylnaphthalene(Total)	7.14	156	20709	17.85	ng	93
46) Acenaphthylene	7.22	152	6907	2.60	ng	89
47) Dimethylphthalate	7.20	163	2360	1.10	ng	76
48) 2,6-Dinitrotoluene	7.22	165	2426	4.81	ng	60
49) Acenaphthene	7.40	153	151019	89.17	ng	99

(#) = qualifier out of range (m) = manual integration

1828

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05620.D Vial: 8
Acq On : 15 Aug 2005 20:03 Operator: AHD
Sample : AC18932-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 20:21 2005 Quant Results File: 4M_0812.RES

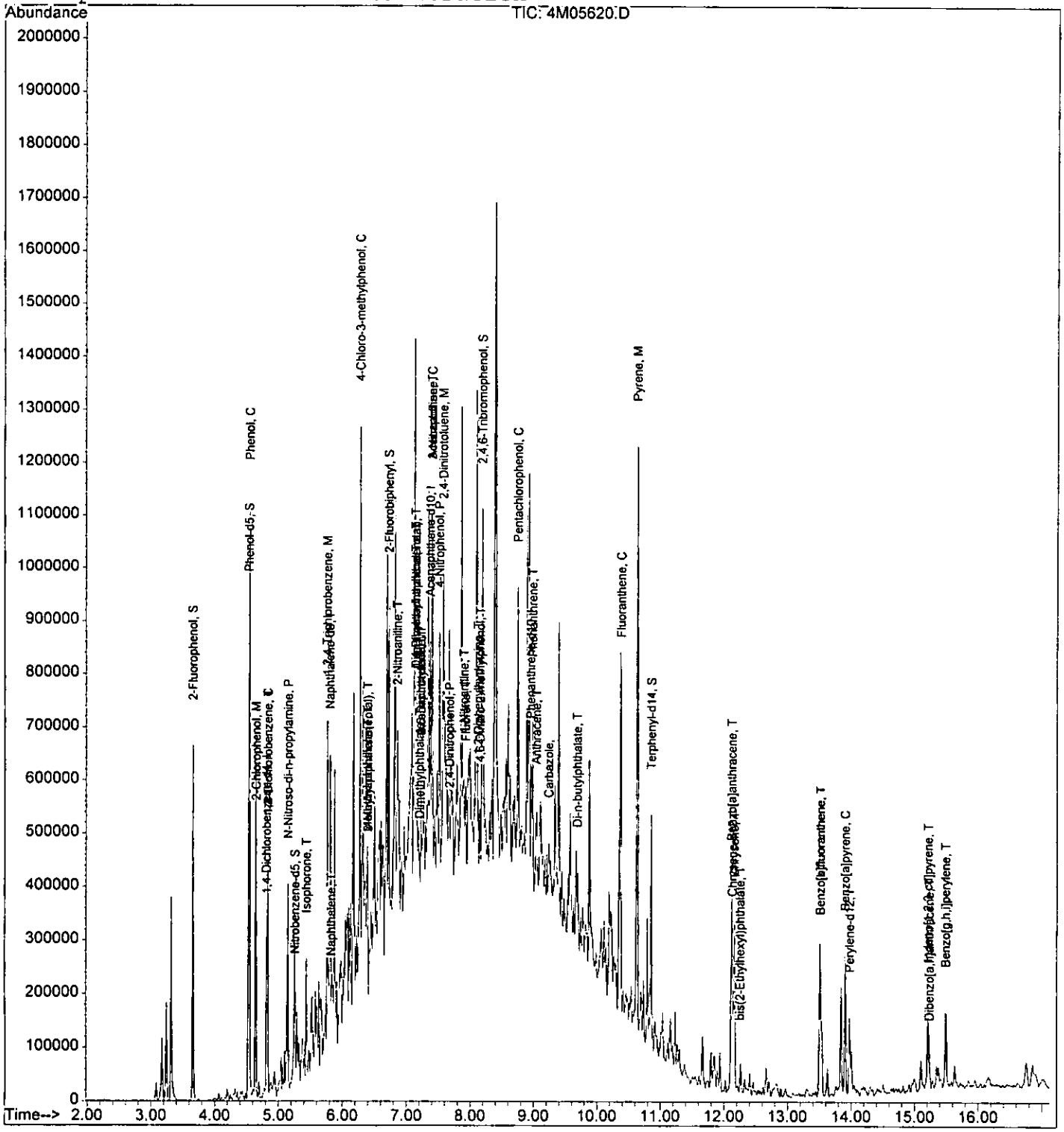
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
50)	3-Nitroaniline	7.40	138	1351	2.63	ng	80
51)	2,4-Dinitrophenol	7.67	184	1610	5.56	ng	25
53)	2,4-Dinitrotoluene	7.57	165	59247	88.19	ng	93
54)	4-Nitrophenol	7.51	65	72685	148.90	ng	93
55)	Fluorene	7.93	166	11498	6.36	ng	90
58)	4-Nitroaniline	7.90	138	2316	3.94	ng	66
60)	4,6-Dinitro-2-methylphenol	8.15	198	445	1.30	ng	100
63)	1,2-Diphenylhydrazine	8.12	77	5561	2.73	ng	51
66)	Pentachlorophenol	8.75	266	68763	179.68	ng	98
67)	Phenanthrene	8.98	178	117381	51.76	ng	98
68)	Anthracene	9.04	178	43583	18.52	ng	91
69)	Carbazole	9.24	167	8860	4.05	ng	81
70)	Di-n-butylphthalate	9.69	149	6734	2.26	ng	83
71)	Fluoranthene	10.37	202	340525	142.99	ng	83
73)	Pyrene	10.63	202	480858	221.49	ng	98
78)	Benzo[a]anthracene	12.12	228	156293	86.03	ng	98
79)	Chrysene	12.16	228	130680	79.89	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.25	149	2446	1.77	ng	79
83)	Benzo[b]fluoranthene	13.51	252	230445	111.60	ng	98
84)	Benzo[k]fluoranthene	13.51	252	230445	127.87	ng	98
85)	Benzo[a]pyrene	13.90	252	125669	72.80	ng	96
86)	Indeno[1,2,3-cd]pyrene	15.21	276	87818	48.54	ng	82
87)	Dibenzo[a,h]anthracene	15.23	278	23645	16.05	ng	93
88)	Benzo[g,h,i]perylene	15.48	276	85798	59.34	ng	96

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05620.D Vial: 8
Acq On : 15 Aug 2005 20:03 Operator: AHD
Sample : AC18932-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 20:21 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration



GC/MS Semi-Volatile Data
Extraction/Logbook Data

Method Blank No. SMB- 2619
Blank Spike (SMBS): 2619
Blank Spike (SMBS): _____

Date: 08/10/05
Matrix Spike: 18888-002
Matrix Spike: _____

Analysis: BN/ BNA / AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2619	X	30g	1ml		X		aj
MBS 2619	X				X		aj
MS 18888-002	X			X			
MSD 18888-002	X						
18888-002	1						
18875-002	2		5ml				
18875-003	3		1ml				
18876-002	4				X		
18977-005	5			X			
18886-008	6						
18737-032	7						
18888-003	8	30g	1ml	8/10	X		aj MSL
18888-004	9				X		
18888-005	10						
18888-006	11						
18888-007	12						
18888-008	13						
18888-009	14						
18893-001	15						
18937-001	16			X			

MSL 8/10

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V498	BNA SPIKE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	U204	BNA SURR

Reagent Lots: MeCL2 051907 Acetone 43785 Hexane _____ Na2SO4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: pm / aj / MSL Date: 08/10/05
Received By: _____ Date: _____

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

Method Blank No. SMB- 2623
Blank Spike (SMBS): 2621, 2623
Blank Spike (SMBS): _____

Date: 08/11/05
Matrix Spike: 18872-008 ; ~~18~~ AB 19029-002
Matrix Spike: _____

Analysis: BN (BNA) / AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2623	X	30g	1ml		X		
MBS 2623	X	↓	↓		↓		
19029-001	20	↓	↓		↓		
19029-002 MS	X	↓	↓		↓		
19029-002 MSD	X	↓	↓		↓		
19029-002	1	↓	↓		↓		
18891-008	2	↓	↓		↓		
18891-009	3	↓	↓		↓		
18891-010	4	↓	↓		↓		
18891-011	4	↓	↓		↓		
18891-012	5	↓	↓		↓		
18891-014	6	↓	↓		↓		
18891-013	7	↓	↓		↓		
18893-002	8	↓	↓		↓		
18893-003	9	↓	↓		↓		
18893-004	10	↓	↓		↓		
18893-005	11	↓	↓		↓		
18922-001	12	30g	1ml		X		MSL
18922-002	13	↓	↓		↓		↓
18922-003	14	↓	↓		↓		↓

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
00	1000/2000	V498	BNA SPIKE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V-204	BNA SURROGATE

Reagent Lots: $MeCL_2$ 051907 Acetone 043785 Hexane _____ Na_2SO_4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: AB / MSL Date: 08/11/05
Received By: MH Date: 8/12/05

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

Method Blank No. SMB- 2625
Blank Spike (SMBS): 2623, 2625
Blank Spike (SMBS): _____

Date: 8/14/05
Matrix Spike: 19029-002, 18932-001
Matrix Spike: _____

Analysis: BN/ BNA / AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2625	x	30g	1ml		x		
MBS 2625	x	↓	↓		↕		
18921-004	20			x			
MS 18932-001	x				x		
MSD 18932-001	x				↕		
18932-001	1						
18921-005	2			x			
18921-006	3			↕			
18921-007	4						
18921-008	5						
18940-001	6				x		
18940-002	7				↕		
18940-003	8						
18940-004	9	↓	↓		↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	4498	BNA Spike

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
10	1000/2000	4564	BNA SURR

Reagent Lots: MeCL2 051907 Acetone 043785 Hexane _____ Na2SO4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: MSL
Received By: IK

Date: 8/14/05
Date: 08/15/05

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

Method Blank No. SMB- 2626
Blank Spike (SMBS): 2625, 2626
Blank Spike (SMBS): _____

Date: 8/14/05
Matrix Spike: 18932-001, 18922-012
Matrix Spike: _____

Analysis: BN/ BNA / AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2626	X	30g	1.0ml		x		
MBS 2626	x	↓	↓		↓		
18893-006	10			x			
18893-007	11			↓			
18893-008	12						
18916-023	13						
18916-024	14						
18921-001	15						
18921-002	16						
18921-003	17						
18922-008	18						
18922-009	19				x		
18922-010	20				↓		
18922-012 MS	x						
18922-012 MSD	x						
18922-012	1						
18922-011	2	↓	↓		↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V-498	BNA SPIKE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V-5264	BNA SURR.

Reagent Lots: MeCL2 051907 Acetone 043785 Hexane _____ Na2SO4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: GVN
Received By: _____

Date: 8/14/05
Date: 08/15/05

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

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	ICB BlkFile
4M05461.	CAL DFTPP								08/09 06:10					
4M05463.	CAL DFTPP								08/09 08:41					
)5464.		TnIsCnSnc	Not Quant'd											
...i05465.	CAL DFTPP								08/09 11:07					
4M05466.	CAL BNA@50PPM				Soil	1	1	625 8270	08/09 11:53	4M05466				
4M05467.	CAL BNA@50PPM	IsC16C18			Soil	1	1	625 8270	08/09 12:17	4M05299				
4M05468.	CAL BNA@10PPM				Soil	1	1	625 8270	08/09 12:40	4M05466				
4M05469.	CAL BNA@25PPM				Soil	1	1	625 8270	08/09 13:04	4M05466				
4M05470.	CAL BNA@80PPM				Soil	1	1	625 8270	08/09 13:28	4M05466				
4M05471.	CAL BNA@120PPM				Soil	1	1	625 8270	08/09 13:52	4M05466				
4M05472.	CAL BNA@160PPM	Oc			Soil	1	1	625 8270	08/09 14:16	4M05466				
4M05473.	CAL BNA@200PPM	Oc			Soil	1	1	625 8270	08/09 14:40	4M05466				
4M05474.	SMB2617(MS)	M18b	SMB2617		Soil	1	1	8270	08/09 15:03	4M05466		4M05466		
4M05475.	SMB2617	Sa8Sb8AoRo			Soil	1	1	8270	08/09 15:27	4M05466		4M05466		
4M05476.		TnIsCnSnc	Not Quant'd											

Anc	Area Not Checked
An	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C18	Calibration Column 1 Out (600 Series)
C[illegible]	Calibration Column 1 Out (8000 Series)
	Calibration Column 2 Out (600 Series)
	Calibration Column 2 Out (8000 Series)
	600 series sample/blank did not have passing cal
CAf	8000 series sample/blank did not have passing cal
Cme	Endine Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Calc or Init Calc
Dnc	Drift Not Checked
Do	Drift Out
Ehs	An Extraction Before Collection Date
Emn	Problem Checking Prep/mandates mod/checkprep/prep
En	Eval Time Not Checked

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

Co	Warning Possible Carry Over
R16.R26	Rnd Out on Med/Med (col1 and or col2) 600 series
R1A.R2A	Rnd Out on Med/Med (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Tl5	Outside of 500 series Time time
Tl6	Outside of 600 series Time time/Cal Time
Tl8	Outside of 8000 series Time time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration
Tn	Time Not Checked
To	Time File Failed
Wie	Warning Instrument Id not in Txt/ oc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	Bkfile
4M05510.	CAL DFTPP								08/11 06:13					
4M05511.	CAL BNA@50PPM	IsC16C18			Soil	1	1	625 8270	08/11 07:32	4M05466				
05512.	CAL DFTPP								08/11 10:37					
...05513.	CAL BNA@50PPM	C16			Soil	1	1	625 8270	08/11 10:59	4M05466				
4M05514.	SMB2621				Soil	1	1	8270	08/11 11:23	4M05466		4M05513		
4M05515.	SMB2619				Soil	1	1	8270	08/11 11:47	4M05466		4M05513		
4M05516.	SMB2619(MS)	M18b	SMB2619		Soil	1	1	8270	08/11 12:11	4M05466		4M05513		
4M05517.	AC18888-002		SMB2619	BNA25-8270	Soil	1	1	8270	08/11 12:35	4M05466		4M05513		
4M05518.	AC18888-002(MS)	M18b	SMB2619	BNA25-8270	Soil	1	1	8270	08/11 12:59	4M05466		4M05513		
4M05519.	AC18888-002(MSD)	M18b	SMB2619	BNA25-8270	Soil	1	1	8270	08/11 13:23	4M05466		4M05513		
4M05520.	AC19001-004	Ao	OK	BNPAH-8270	Soil	1	1	8270	08/11 14:23	4M05466		4M05513		
4M05521.	SMB2622(MS)	OcM18aM18b	SMB2622		Soil	1	1	8270	08/11 14:47	4M05466		4M05513		
4M05522.	SMB2622				Soil	1	1	8270	08/11 15:11	4M05466		4M05513		
4M05523.	AC18937-001	Sb8AoOc	R R50X	BNPAH-8270	Soil	1	1	8270	08/11 15:35	4M05466		4M05513		
4M05524.	AC18888-003			BNA25-8270	Soil	1	1	8270	08/11 15:59	4M05466		4M05513		
4M05525.	AC18888-006			BNA25-8270	Soil	1	1	8270	08/11 16:23	4M05466		4M05513		
4M05526.	AC18872-004			BNA-8270	Soil	1	1	8270	08/11 16:47	4M05466		4M05513		
4M05527.	AC18872-006			BNA-8270	Soil	1	1	8270	08/11 17:11	4M05466		4M05513		
4M05528.	AC19021-001	Ao	OK	BNSTAR2-82	Soil	1	1	8270	08/11 17:35	4M05466		4M05513		
4M05529.	AC19021-003			BNSTAR2-82	Soil	1	1	8270	08/11 17:59	4M05466		4M05513		
4M05530.	AC19021-005			BNSTAR2-82	Soil	1	1	8270	08/11 18:23	4M05466		4M05513		
4M05531.	AC19021-004(3X)	Ao	Area OK	BNSTAR2-82	Soil	3	3	8270	08/11 18:47	4M05466		4M05513		
4M05532.	AC19021-002(3X)			BNSTAR2-82	Soil	3	3	8270	08/11 19:10	4M05466		4M05513		
4M05533.	AC19026-002			BNA25-8270	Soil	1	1	8270	08/11 19:34	4M05466		4M05513		
4M05534.	AC18916-020	Ao	OK	BNA-8270	Soil	1	1	8270	08/11 19:58	4M05466		4M05513		
4M05535.	AC18916-022			BNA-8270	Soil	1	1	8270	08/11 20:22	4M05466		4M05513		
4M05536.	AC18984-001			BNSTAR2-82	Soil	1	1	8270	08/11 20:46	4M05466		4M05513		
4M05537.	AC18984-005(3X)			BNSTAR2-82	Soil	3	3	8270	08/11 21:10	4M05466		4M05513		
4M05538.	AC18916-017(20X)	SdAoRo	RR	BNA-8270	Soil	20	20	8270	08/11 21:34	4M05466		4M05513		
4M05539.	AC18872-005	Ao		BNA-8270	Soil	1	1	8270	08/11 21:58	4M05466		4M05513		
4M05540.	AC18891-001			BNA-8270	Soil	1	1	8270	08/11 22:22	4M05466		4M05513		
4M05541.	AC18891-007	Ti8	RR	BNA-8270	Soil	1	1	8270	08/11 22:46	4M05466		4M05513		
4M05542.	AC18916-007	Ti8	↓	BNA-8270	Soil	1	1	8270	08/11 23:10	4M05466		4M05513		
4M05543.	AC18888-009	Ti8	↓	BNA25-8270	Soil	1	1	8270	08/11 23:34	4M05466		4M05513		
4M05544.	AC18875-002(20X)	SdTi8AoRo	RR	BNPAH-8270	Soil	20	20	8270	08/11 23:58	4M05466		4M05513		
4M05545.	AC18875-003(20X)	SdTi8AoRo	↓	BNPAH-8270	Soil	20	20	8270	08/12 00:21	4M05466		4M05513		
05546.	AC18893-001(20X)	SdTi8AoRo	↓	BNA-8270	Soil	20	20	8270	08/12 00:45	4M05466		4M05513		
...05547.	TEST	Ti8Ao			Soil	1	1	8270	08/12 01:09	4M05466		4M05513		
4M05548.	TEST	Ti8Ao			Soil	1	1	8270	08/12 01:33	4M05466		4M05513		
4M05549.	TEST	Ti8			Soil	1	1	8270	08/12 01:57	4M05466		4M05513		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Exm	Solvent Extraction Date Missing/Not check'd	R16 R26	Rnd 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	Rnd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Rn	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
C8m	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
Cmi	8000 series sample/blank did not have passing cal	Iv	Pmb with calmt csv for ini calibration chek rfs	Snc	Surrogate Not Checked
Co	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning: Ini cal file <> method	Ti5	Outside of 500 series Tune time
D1o D2o	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Ti6	Outside of 600 series Tune time/Cal Time
Dnc	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
Do	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Eba	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples benin Calibration
Ebe	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	To	Tune Not Checked
Emo	Problem Checking Prep/prepdates mod/check/approved/	Mnc	Spike Not Checked for this ms/msd	Tp	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: GCMS_4 Year: 2005
Analyst: AHD

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	BFile
4M05550.	CAL DFTPP								08/12 08:14					
05551.		TnIsCn	Snc Not Quant'd											
..M05552.	CAL BNA@50PPM				Soil	1	1	625 8270	08/12 09:01	4M05552				
4M05553.	CAL BNA@10PPM				Soil	1	1	625 8270	08/12 09:25	4M05552				
4M05554.	CAL BNA@25PPM				Soil	1	1	625 8270	08/12 09:49	4M05552				
4M05555.	CAL BNA@80PPM				Soil	1	1	625 8270	08/12 10:13	4M05552				
4M05556.	CAL BNA@120PPM	Oc			Soil	1	1	625 8270	08/12 10:36	4M05552				
4M05557.	CAL BNA@160PPM	Oc			Soil	1	1	625 8270	08/12 11:00	4M05552				
4M05558.	CAL BNA@200PPM	Oc			Soil	1	1	625 8270	08/12 11:24	4M05552				
4M05559.	SMB2623(MS)	AoM18b	SMB2623		Soil	1	1	8270	08/12 11:48	4M05552		4M05552		
4M05560.	SMB2623				Soil	1	1	8270	08/12 12:12	4M05552		4M05552		
4M05561.	WMB2639				Aqueou	1	1	625 8270	08/12 12:36	4M05552	4M05552	4M05552		
4M05562.	AC19001-004(T)			BNATCLP-82	Aqueou	1	1	8270	08/12 13:00	4M05552		4M05552		
4M05563.	SMB2623(MS)	M18b	SMB2623		Soil	1	1	8270	08/12 13:24	4M05552		4M05552		
4M05564.	AC19029-002		SMB2623	BNA25-8270	Soil	1	1	8270	08/12 13:48	4M05552		4M05552		
4M05565.	AC19029-002(MS)	M18b	SMB2623	BNA25-8270	Soil	1	1	8270	08/12 14:12	4M05552		4M05552		
4M05566.	AC19029-002(MSD)	M18b	SMB2623	BNA25-8270	Soil	1	1	8270	08/12 14:36	4M05552		4M05552		
4M05567.	AC18916-017(20X)			BNA-8270	Soil	20	20	8270	08/12 15:00	4M05552		4M05552		
4M05568.	AC18875-002(20X)	Sd *	RA 3x See 4M05579	BNPAH-8270	Soil	100	20	8270	08/12 15:24	4M05552		4M05552		
4M05569.	AC18875-003(20X)			BNPAH-8270	Soil	20	20	8270	08/12 15:50	4M05552		4M05552		
4M05570.	AC18893-001(20X)	*	RA 3x	BNA-8270	Soil	20	20	8270	08/12 16:14	4M05552		4M05552		
4M05571.	AC18922-001			BNA-8270	Soil	1	1	8270	08/12 16:38	4M05552		4M05552		
4M05572.	AC18922-002			BNA-8270	Soil	1	1	8270	08/12 17:02	4M05552		4M05552		
4M05573.	AC18893-002	Ao	OK	BNA-8270	Soil	1	1	8270	08/12 17:26	4M05552		4M05552		
4M05574.	AC18922-003	Ao	"	BNA-8270	Soil	1	1	8270	08/12 17:50	4M05552		4M05552		
4M05575.	AC18872-003			BNA-8270	Soil	1	1	8270	08/12 18:15	4M05552		4M05552		
4M05576.	AC18888-009			BNA25-8270	Soil	1	1	8270	08/12 18:39	4M05552		4M05552		
4M05577.	AC18891-007	Ao	"	BNA-8270	Soil	1	1	8270	08/12 19:03	4M05552		4M05552		
4M05578.	AC18916-007			BNA-8270	Soil	1	1	8270	08/12 19:27	4M05552		4M05552		
4M05579.	AC18875-002(3X)	* SdAo	"	BNPAH-8270	Soil	15	3	8270	08/12 19:51	4M05552		4M05552		
4M05580.	AC18888-004	Ti8Ao	RA	BNA25-8270	Soil	1	1	8270	08/12 20:15	4M05552		4M05552		
4M05581.	AC18891-004	Ti8Ao	"	BNA-8270	Soil	1	1	8270	08/12 20:39	4M05552		4M05552		
4M05582.	AC18876-002	Ti8Ao	"	BNA25-8270	Soil	1	1	8270	08/12 21:03	4M05552		4M05552		
4M05583.	AC18893-003(3X)	Ti8Ao	"	BNA-8270	Soil	3	3	8270	08/12 21:27	4M05552		4M05552		
4M05584.	TEST	Ti8Ao			Soil	1	1	8270	08/12 21:51	4M05552		4M05552		
05585.	TEST	Ti8Ao			Soil	1	1	8270	08/12 22:15	4M05552		4M05552		
..M05586.	TEST	Ti8Ao			Soil	1	1	8270	08/12 22:39	4M05552		4M05552		
4M05587.	TEST	Ti8Ao			Soil	1	1	8270	08/12 23:03	4M05552		4M05552		

* Bad matrix

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	Rnd Out on Ms/Msd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tnbe/Solvent Extraction Date Missing/Not check'd	R18 R28	Rnd Out on Ms/Msd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tnbe Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	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	Pmb with calmt csv for init calibration chek rls	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning: Ini cal file <> method	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked (or sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	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
Eha	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emo	Problem Checking Prep/pndates mpdcheckprepound	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

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
4M05588.	CAL DFTPP								08/15 06:16					
4M05589.	CAL BNA@50PPM				Soil	1	1	625 8270	08/15 06:41	4M05552				
4M05590.	SMB2624				Soil	1	1	8270	08/15 07:08	4M05552		4M05589		
4M05591.	SMB2624(MS)	OcM18aM18bSMB2624			Soil	1	1	8270	08/15 07:31	4M05552		4M05589		
4M05592.	SMB2625				Soil	1	1	8270	08/15 07:55	4M05552		4M05589		
4M05593.	SMB2626				Soil	1	1	8270	08/15 08:19	4M05552		4M05589		
4M05594.	AC18922-012			BNA-8270	Soil	1	1	8270	08/15 08:43	4M05552		4M05589		
4M05595.	AC18922-005			BNA-8270	Soil	1	1	8270	08/15 09:06	4M05552		4M05589		
4M05596.	AC18922-006			BNA-8270	Soil	1	1	8270	08/15 09:30	4M05552		4M05589		
4M05597.	AC18922-007			BNA-8270	Soil	1	1	8270	08/15 09:54	4M05552		4M05589		
4M05598.	AC18922-008			BNA-8270	Soil	1	1	8270	08/15 10:18	4M05552		4M05589		
4M05599.	AC18922-009			BNA-8270	Soil	1	1	8270	08/15 10:42	4M05552		4M05589		
4M05600.	AC19029-001			BNA25-8270	Soil	1	1	8270	08/15 11:05	4M05552		4M05589		
4M05601.	AC18922-011			BNA-8270	Soil	1	1	8270	08/15 11:29	4M05552		4M05589		
4M05602.	AC18922-013			BNA-8270	Soil	1	1	8270	08/15 11:53	4M05552		4M05589		
4M05603.	AC18922-004	Sa8Sb8AoRo	RR Sw 4M0556	BNA-8270	Soil	1	1	8270	08/15 12:17	4M05552		4M05589		
4M05604.	AC18922-010			BNA-8270	Soil	1	1	8270	08/15 12:41	4M05552		4M05589		
4M05605.	AC18876-002			BNA25-8270	Soil	1	1	8270	08/15 13:04	4M05552		4M05589		
4M05606.	AC18872-007			BNA-8270	Soil	1	1	8270	08/15 13:28	4M05552		4M05589		
4M05607.	AC18872-009			BNA-8270	Soil	1	1	8270	08/15 13:52	4M05552		4M05589		
4M05608.	AC18888-004			BNA25-8270	Soil	1	1	8270	08/15 14:16	4M05552		4M05589		
4M05609.	AC18893-004			BNA-8270	Soil	1	1	8270	08/15 14:39	4M05552		4M05589		
4M05610.	AC18893-005			BNA-8270	Soil	1	1	8270	08/15 15:03	4M05552		4M05589		
4M05611.	AC18922-004			BNA-8270	Soil	1	1	8270	08/15 15:51	4M05552		4M05589		

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	Rod Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Eto	Tcln/Solvent Extraction Date Missing/Not check'd	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rto	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)
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 calmt csv for ical calibration chek rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ical file <> method	Ti5	Outside of 500 series Tune time
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	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
Emo	Problem Checking Prep/rundates modcheckcompound	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

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
4M05612.	CAL DFTPP								08/15 16:31					
4M05613.	CAL BNA@50PPM	AoC16			Soil	1	1	625 8270	08/15 17:17	4M05552				
4M05614.	CAL BNA@50PPM	C16			Soil	1	1	625 8270	08/15 17:41	4M05552				
4M05615.	SMB2627				Soil	1	1	8270	08/15 18:04	4M05552		4M05614		
4M05616.	SMB2625(MS)	M18b	SMB2625		Soil	1	1	8270	08/15 18:28	4M05552		4M05614		
4M05617.	SMB2626(MS)	M18b	SMB2626		Soil	1	1	8270	08/15 18:52	4M05552		4M05614		
4M05618.	AC18932-001		SMB2625	BNPAH-8270	Soil	1	1	8270	08/15 19:16	4M05552		4M05614		
4M05619.	AC18932-001(MS)	OcM18b	SMB2625	BNPAH-8270	Soil	1	1	8270	08/15 19:40	4M05552		4M05614		
4M05620.	AC18932-001(MSD)	OcM18b	SMB2625	BNPAH-8270	Soil	1	1	8270	08/15 20:03	4M05552		4M05614		
4M05621.	AC18922-012(MS)	M18b	SMB2626	BNA-8270	Soil	1	1	8270	08/15 20:27	4M05552		4M05614		
4M05622.	AC18922-012(MSD)	R18	SMB2626	BNA-8270	Soil	1	1	8270	08/15 20:51	4M05552		4M05614		
4M05623.	AC19023-004			BNA25-8270	Soil	1	1	8270	08/15 21:15	4M05552		4M05614		
4M05624.	AC19023-006			BNA25-8270	Soil	1	1	8270	08/15 21:39	4M05552		4M05614		
4M05625.	AC19024-002			BNA25-8270	Soil	1	1	8270	08/15 22:02	4M05552		4M05614		
4M05626.	AC19024-004			BNA25-8270	Soil	1	1	8270	08/15 22:26	4M05552		4M05614		
4M05627.	AC18893-006	Oc	2,6,3x	BNA-8270	Soil	1	1	8270	08/15 22:50	4M05552		4M05614		
4M05628.	AC18893-007			BNA-8270	Soil	1	1	8270	08/15 23:14	4M05552		4M05614		
4M05629.	AC18893-008			BNA-8270	Soil	1	1	8270	08/15 23:37	4M05552		4M05614		
4M05630.	AC18916-023	Oc	2,6,3x	BNA-8270	Soil	1	1	8270	08/16 00:01	4M05552		4M05614		
4M05631.	AC18940-001			BNA25-8270	Soil	1	1	8270	08/16 00:25	4M05552		4M05614		
4M05632.	AC18942-027			BNA25-8270	Soil	1	1	8270	08/16 00:48	4M05552		4M05614		
4M05633.	AC18893-001(3X)			BNA-8270	Soil	3	3	8270	08/16 01:12	4M05552		4M05614		
4M05634.		TnIsCnSnc	Not Quant'd											

Instrument stopped due to G Drive Problem

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R18 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rto	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
C2o	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)
CMi	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
CMi	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for ini calibration chek rls	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samnl	Ti6	Outside of 600 series Tune time/Cal Time
D1o D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 sec 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.mod/checked/reprinted	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in.TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	Bkfile
05635.	CAL DFTPP								08/16 06:20					
05636.	CAL BNA@50PPM				Soil	1	1	625 8270	08/16 06:39	4M05552				
4M05637.	SMB2628				Soil	1	1	8270	08/16 07:15	4M05552		4M05636		
4M05638.	SMB2628(MS)	M18b	SMB2628		Soil	1	1	8270	08/16 07:38	4M05552		4M05636		
4M05639.	AC19093-001(20X)			BNSTAR2-82	Soil	20	20	8270	08/16 08:02	4M05552		4M05636		
4M05640.	AC19052-001		SMB2628	BNA25-8270	Soil	1	1	8270	08/16 08:26	4M05552		4M05636		
4M05641.	AC19052-001(MS)	Oc	SMB2628	BNA25-8270	Soil	1	1	8270	08/16 08:50	4M05552		4M05636		
4M05642.	AC19052-001(MSD)	AoOc	Reuse 4M05641	BNA25-8270	Soil	1	1	8270	08/16 09:13	4M05552		4M05636		
4M05643.	AC19093-001(3X)			BNSTAR2-82	Soil	3	3	8270	08/16 09:37	4M05552		4M05636		
4M05644.	AC18893-003(3X)			BNA-8270	Soil	3	3	8270	08/16 10:01	4M05552		4M05636		
4M05645.	AC18875-002(3X)	Sd		BNPAH-8270	Soil	3	3	8270	08/16 10:25	4M05552		4M05636		
4M05646.	AC19052-002			BNA25-8270	Soil	1	1	8270	08/16 10:49	4M05552		4M05636		
4M05647.	AC19052-003			BNA25-8270	Soil	1	1	8270	08/16 11:13	4M05552		4M05636		
4M05648.	AC19052-005			BNA25-8270	Soil	1	1	8270	08/16 11:37	4M05552		4M05636		
4M05649.	AC18940-002			BNA25-8270	Soil	1	1	8270	08/16 12:00	4M05552		4M05636		
4M05650.	AC18940-003			BNA25-8270	Soil	1	1	8270	08/16 12:24	4M05552		4M05636		
4M05651.	AC18940-004			BNA25-8270	Soil	1	1	8270	08/16 12:48	4M05552		4M05636		
4M05652.	SMB2629				Soil	1	1	8270	08/16 13:38	4M05552		4M05636		
4M05653.	AC19027-001	Oc	See 4M05655	BNA25-8270	Soil	1	1	8270	08/16 14:02	4M05552		4M05636		
4M05654.	AC19027-002	Oc	5656	BNA25-8270	Soil	1	1	8270	08/16 14:25	4M05552		4M05636		
4M05655.	AC19027-001(10X)			BNA25-8270	Soil	10	10	8270	08/16 14:49	4M05552		4M05636		
4M05656.	AC19027-002(10X)			BNA25-8270	Soil	10	10	8270	08/16 15:13	4M05552		4M05636		
4M05657.	AC18893-006(3X)			BNA-8270	Soil	3	3	8270	08/16 15:37	4M05552		4M05636		
4M05658.	AC18916-023(3X)			BNA-8270	Soil	3	3	8270	08/16 16:01	4M05552		4M05636		
4M05659.	AC19049-008			BNPAH-8270	Soil	1	1	8270	08/16 16:24	4M05552		4M05636		
4M05660.	AC19049-009			BNPAH-8270	Soil	1	1	8270	08/16 16:48	4M05552		4M05636		
4M05661.	AC19052-001(MSD)	Oc	SMB2628	BNA25-8270	Soil	1	1	8270	08/16 17:12	4M05552		4M05636		
4M05662.	AC19049-015			BNPAH-8270	Soil	1	1	8270	08/16 17:36	4M05552		4M05636		
4M05663.	AC19017-005			BNA25-8270	Soil	1	1	8270	08/16 18:00	4M05552		4M05636		
4M05664.	AC19052-006	Ti8	RL	BNA25-8270	Soil	1	1	8270	08/16 18:24	4M05552		4M05636		
4M05665.	AC19017-003	Ti8	"	BNA25-8270	Soil	1	1	8270	08/16 18:48	4M05552		4M05636		
4M05666.	AC19017-004	Ti8	"	BNA25-8270	Soil	1	1	8270	08/16 19:12	4M05552		4M05636		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	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)
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	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-204

Prepared By: Akmal
Description: BNA Surrog St
Prep Date: 9/10/2004
Expiration Date: 9/10/2005
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
584	2-Fluorophenol	1.6 ml	neat	2000 ppm
586	p-Terphenyl-d14	1 g	neat	1000 ppm
605	2,4,6-Tribromophenol	2 g	Neat g	2000 ppm
606	2-Fluorobiphenyl	1 g	Neat g	1000 ppm
582	Nitrobenzene-d5	800 ul	Neat	1000 ppm
772	Acetone	1000 ml	Neat ml	neat
583	Phenol-d6	2 g	neat	2000 ppm

Veritech Lot Number: V-295

Prepared By: Akmal
Description: 1,4-Dimethylnaphthalene
Prep Date: 11/18/2004
Expiration Date: 11/17/2005
Department: Organics
BatchNumber:
Concentration: 10,000ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
866	1,4-Dimethlnaphthlene	10 ul	neat	10,000 ppm
854	Methylene Chloride	990 ul	Neat	

Veritech Lot Number: V-498

Prepared By: Hamid, Akmal
Description: BNA Spike For Soil
Prep Date: 2/24/2005
Expiration Date: 2/23/2006
Department: Organics
BatchNumber:
Concentration: 1000-2000PPM
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
761	2-Chlorophenol	.2 g	Neat g	2000 ppm
768	2,4-Dinitrotoluene	.1 g	Neat g	1000 ppm
769	N-Nitrosodi-n-propylamine	.1 g	Neat g	1000 ppm
764	4-Nitrophenol	.2 g	Neat g	2000 ppm
771	1,2,4-Trichlorobenzene	.1 g	Neat g	1000 ppm
762	Pentachlorophenol	.2 g	Neat g	2000 ppm
770	Pyrene	.1 g	Neat g	1000 ppm
950	Acetone	100 ml	Neat ml	
948	Acenaphthene	.1 g	neat g	1000 ppm
947	4-Chloro-3-methylphenol	.2 g	neat g	2000 ppm
946	Phenol	.2 g	neat g	2000 ppm
767	1,4-Dichlorobenzene	.1 g	Neat g	1000 ppm

Veritech Lot Number: V-2111

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 4/4/2005
Expiration Date: 4/3/2006
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1084	Methylene Chloride	10 ml	neat neat	
1082	DFTPP	.02 g	neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4045

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 6/13/2005
Expiration Date: 6/12/2006
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
571	Acenaphthene-D10	.5 g	Neat g	2000
570	Chrysene-d12	.5 g	Neat g	2000
567	Perylene-d12	.5 g	Neat g	2000
565	Phenanthrene-d10	.5 g	Neat g	2000
564	Naphthlene-d8	.5 g	Neat g	2000
1218	Methylene Chloride	250 ml	Neat l	
563	1,4 Dichlorobenzene-d4	.5 g	Neat g	2000

Veritech Lot Number: V-4046

Prepared By: Hamid, Akmal
Description: Pyridine Stock Std.
Prep Date: 6/13/2005
Expiration Date: 6/12/2006
Department: Organics
BatchNumber:
Concentration: 10,000 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1218	Methylene Chloride	990 ul	Neat l	
1225	Pyridine	10 ul	Neat ml	10000 ppm

Veritech Lot Number: V-4071

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 6/14/2005
Expiration Date: 12/13/2005
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-2111	DFTPP STOCK STD.	50	2000 ppm	
850	DDT/Endrin Mix	400	500 ppm	
1085	TCLPhenols/benzidine Mix	100	2000 ppm	
1218	Methylene Chloride	1450	Neat l	

Veritech Lot Number: V-5264

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 8/1/2005
Expiration Date: 7/31/2006
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
585	2-fluorobiphenyl	1 g	neat	1000
788	p-Terphenyl-D14	1 g	Neat	1000
789	Phenol-d6	2 g	Neat	2000
790	2-Fluorophenol	1.6 ml	Neat	2000
582	Nitrobenzene-d5	800 ul	Neat	1000
605	2,4,6-Tribromophenol	2 g	Neat	2000
853	Acetone	1000 ml	Neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5267

Prepared By: Hamid,Akmal
Description: BNA STOCK Std.
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1091	EPA TCLP Pesticides Mix	60 ul	1000 ppm	40 ppm
1090	1,2,4,5-Tetrachlorobenzene	300 ul	1000 ppm	200 ppm
1089	Diphenyl Ether	150 ul	2000 ppm	200 ppm
1218	Methylene Chloride	60 ul	Neat	
1087	TCL Base-Neutrals Mix	150 ul	2000 ppm	200 ppm
1086	TCL Polynuclear Aromatic Hydrocarbons mix	150 ul	2000 ppm	200 ppm
1085	TCLPhenols/benzidine Mix	150 ul	2000 ppm	200 ppm
V-4046	Pyridine Stock Std.	30 ul	10,000 ppm	200 ppm
V-295	1,4-Dimethylnaphthalene	30 ul	10,000ppm	200 ppm
1235	Pentachloroethane	60 ul	5000 ppm	200 ppm
1234	2,3,4,6-Tetrachlorophenol	60 ul	5000 ppm	200 ppm
V-5264	BNA Surrog.Std.	150	1000-2000 pp	200 ppm
1088	TCL Hazardous substances Mix	150 ul	2000 ppm	200 ppm

Veritech Lot Number: V-5269

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-584
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	95	Neat	

Veritech Lot Number: V-5270

Prepared By: Hamid, Akmal
Description: BNA 25 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 25 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	12.5 ul	200 ppm	25 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	87.5	Neat	

Veritech Lot Number: V-5271

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	50 ul	200 ppm	50 ppm
V-4045	BNA Internal Std.	4 ul	2000 ppm	40 ppm
1218	Methylene Chloride	150	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5272

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	60	Neat	

Veritech Lot Number: V-5273

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	40	Neat	

Veritech Lot Number: V-5274

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	20	Neat	

Veritech Lot Number: V-5275

Prepared By: Hamid, Akmal
Description: BNA 200 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 200 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	100 ul	200 ppm	200 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	0	Neat	

Veritech Lot Number: V-5730

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	95	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5731

Prepared By: Hamid, Akmal
Description: BNA 25 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 25 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	12.5 ul	200 ppm	25 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	87.5	Neat	

Veritech Lot Number: V-5732

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	50 ul	200 ppm	50 ppm
V-4045	BNA Internal Std.	4 ul	2000 ppm	40 ppm
1218	Methylene Chloride	150	Neat	

Veritech Lot Number: V-5733

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	60	Neat	

Veritech Lot Number: V-5734

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	40	Neat	

Veritech Lot Number: V-5735

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 8/12/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-586
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	20	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5736

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA 200 ppm curve	BatchNumber:	B-586
Prep Date:	8/12/2005	Concentration:	200 ppm
Expiration Date:	11/17/2005	Final Volume:	100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	100 ul	200 ppm	200 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	0	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 563

Description
1,4 Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC.	DLM-268	PR-11537	04/04/01	04/04/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 564

Description
Naphthlene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC.	DLM-365	P-9785	04/04/01	04/04/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 565

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-371	PR-11746	02/07/02	02/07/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 567

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-366	PR-10838	02/07/02	02/07/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 570

Description
Chrysene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-261	PR-13120	06/17/03	06/17/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 571

Description
Acenaphthene-D10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM108-1	PR-11604	06/17/03	06/17/10	Akmal	2	2g	Neat	

Veritech Control/Receipt Number: 582

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ALDRICH	15195-5	09405MO	10/01/02	10/01/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 583

Description
Phenol-d6

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	176060	07752cb	11/19/03	11/19/10	Akmal	1	1g	neat	

Veritech Control/Receipt Number: 584

Description
2-Fluorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	F1280-4	04515bu	02/07/02	02/07/10	Akmal	1	10g	neat	

Veritech Control/Receipt Number: 585

Description
2-fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	102741	06511cb	11/19/03	11/19/10	Akmal	1	2.5g	neat	

Veritech Control/Receipt Number: 586

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	364630	00551kb	11/19/03	11/19/10	Akmal	3	1.5g	neat	

Veritech Control/Receipt Number: 605

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	13771-5	18324MR	11/23/03	03/10/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 606

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	10274-1	02520TK	11/23/03	03/10/10	Akmal	1	2.5g	Neat	

Veritech Control/Receipt Number: 761

Description
2-Chlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F24	274-13A	10/08/02	10/01/05	Akmal	1	5g	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 762

Description
Pentachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F64	293-1A	10/08/02	09/01/07	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 764

Description
4-Nitrophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F58	281-142A	10/08/02	05/01/06	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 767

Description
1,4-Dichlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F27	282-14B	10/08/02	03/01/07	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 768

Description
2,4-Dinitrotoluene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F35	270-148A	10/08/02	10/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 769

Description
N-Nitrosodi-n-propylamine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F63	290-2B	10/08/02	08/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 770

Description
Pyrene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F84	266-23B	10/08/02	06/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 771

Description
1,2,4-Trichlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F8	274-89B	10/08/02	01/01/07	Akmal	1	1g	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 772

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Pharmaco	329000DIS	PL000071ACE	06/11/04	06/09/09	Akmal	1	4000	Neat	

Veritech Control/Receipt Number: 788

Description
p-Terphenyl-D14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	364630	10278AE	09/15/04	06/22/10	Akmal	5	2.5g	Neat	

Veritech Control/Receipt Number: 789

Description
Phenol-d6

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	176060	02422JC	09/15/04	06/22/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 790

Description
2-Fluorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	F-12804	09006DO	09/15/04	06/22/10	Akmal	1	10g	Neat	

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 Control/Receipt Number: 853

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	A40-4	038622	08/24/04	08/18/10	Akmal	1	4000	Neat	

Veritech Control/Receipt Number: 854

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	D142-4	043063	11/02/04	08/18/10	Akmal	1	4000	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 946

Description
Phenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	F65	328-88B	02/10/05	09/30/10	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 947

Description
4-Chloro-3-methylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	F22	326-123B	02/10/05	08/30/07	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 948

Description
Acenaphthene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	0-782	306-17B	02/10/05	06/30/09	Akmal	1	5g	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: 1082

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	44-2543	LB28618	04/04/05	03/31/08	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 1084

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	D142-4	044259	03/11/05	02/10/10	Hamid, Akmal	4	4L	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1085

Description
TCLPhenols/benzidine Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47992-U	LB27910	04/07/05	03/31/08	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1086

Description
TCL Polynuclear Aromatic Hydrocarbons mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	48905-U	LB24244	04/07/05	12/31/07	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1087

Description
TCL Base-Neutrals Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47991-U	LB15949	04/07/05	11/30/06	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1088

Description
TCL Hazardous substances Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47990-U	LB10279	04/07/05	02/28/06	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1089

Description
Diphenyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-8155	LB23430	04/07/05	09/30/07	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1090

Description
1,2,4,5-Tetrachlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-0177	LB25240	04/07/05	11/30/07	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 1091

Description
EPA TCLP Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-8139	LB09919	04/07/05	02/28/06	Hamid, Akmal	1	1ml	1000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1218

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	D151-4	050241	05/20/05	05/19/10	Hamid, Akmal	1	4L	Neat	

Veritech Control/Receipt Number: 1225

Description
Pyridine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	P368-500	043764	12/16/04	12/16/08	Hamid, Akmal	1	500ml	Neat	

Veritech Control/Receipt Number: 1234

Description
2,3,4,6-Tetrachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4-8264	lb26120	06/29/05	12/30/07	Hamid, Akmal	1	1ml	5000	ppm

Veritech Control/Receipt Number: 1235

Description
Pentachloroethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	40300-u	lb13126	06/29/05	07/30/06	Hamid, Akmal	1	1ml	5000	ppm

GC PCB Data

GC PCB 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
3G08542.	SMB734B	Soil	1		109	97	105	101		
3G08558.	AC18893-001	Soil	1		104	97	114	85		
3G08556.	AC18893-003	Soil	1		105	99	97	98		
3G08557.	AC18893-006	Soil	1		98	89	110	77		
3G08543.	SMB734B(MS)	Soil	1		85	80	95	92		
3G08548.	AC18847-002(MS)	Soil	1		93	88	99	113		
3G08549.	AC18847-002(MSD)	Soil	1		96	91	102	72		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8082

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

FORM 3
Spike Recovery

Batch Number: SMB734B
Mbs Name: SMB734B(MS)
Ns Name: AC18847-002
Ms Name: AC18847-002(MS)
Msd Name: AC18847-002(MSD

Mbs File: 3G08543.D
Non Spk'd File: 3G08547.D
Spike File: 3G08548.D
Spike Dup File: 3G08549.D
Matrix: Soil
Method: 8082

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
Aroclor-1016	1	0	1000	29	131	40	858.15	0.00	1047.09	1037.93	86	105	104	0.88
Aroclor-1260	1	0	1000	29	131	40	934.27	225.44	1110.23	1120.03	93	88	89	0.88

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: SMB734B
Blank Data File: 3G08542.D
Matrix: Soil

Blank Analysis Date: 08/12/05 09:57
Blank Extraction Date: 08/11/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-001	3G08558.D	08/12/05 14:19
AC18893-003	3G08556.D	08/12/05 13:47
AC18893-006	3G08557.D	08/12/05 14:03
AC18847-002(MSD	3G08549.D	08/12/05 11:52
AC18847-002(MS)	3G08548.D	08/12/05 11:36
SMB734B(MS)	3G08543.D	08/12/05 10:14

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G08532.	CAL 1660@50PPB	08/12/05 07:14	Soil	3G08532.	10.0887	0	10.6472	0
3G08533.	CAL 1660@200PPB	08/12/05 07:30	Soil	3G08532.	10.0882	0.005	10.6467	0.0047
3G08534.	CAL 1660@500PPB	08/12/05 07:47	Soil	3G08532.	10.0890	0.003	10.6484	0.0113
3G08535.	CAL 1660@1000PPB	08/12/05 08:03	Soil	3G08532.	10.0877	0.0099	10.6466	0.0056
3G08536.	CAL 1660@2000PPB	08/12/05 08:19	Soil	3G08532.	10.0878	0.0089	10.6465	0.0066
3G08537.	CAL 1660@4000PPB	08/12/05 08:36	Soil	3G08532.	10.0878	0.0089	10.6448	0.0225
3G08538.	CAL 2154@500PPB	08/12/05 08:52	Soil	3G08532.	10.0883	0.004	10.6462	0.0094
3G08539.	CAL 1248@500PPB	08/12/05 09:08	Soil	3G08532.	10.0874	0.0129	10.6457	0.0141
3G08540.	CAL 1242@500PPB	08/12/05 09:25	Soil	3G08532.	10.0874	0.0129	10.6466	0.0056
3G08541.	CAL 1232@500PPB	08/12/05 09:41	Soil	3G08532.	10.0881	0.0059	10.6468	0.0038
3G08542.	SMB734B	08/12/05 09:57	Soil	3G08532.	10.0859	0.0278	10.6447	0.0235
3G08543.	SMB734B(MS)	08/12/05 10:14	Soil	3G08532.	10.0866	0.0208	10.6460	0.0113
3G08544.	AC19027-001	08/12/05 10:30	Soil	3G08532.	10.0886	0.001	10.6476	0.0038
3G08545.	AC19027-002	08/12/05 10:47	Soil	3G08532.	10.0865	0.0218	10.6461	0.0103
3G08546.	AC19001-004	08/12/05 11:03	Soil	3G08532.	10.0869	0.0178	10.6451	0.0197
3G08547.	AC18847-002	08/12/05 11:19	Soil	3G08532.	10.0861	0.0258	10.6453	0.0178
3G08548.	AC18847-002(MS)	08/12/05 11:36	Soil	3G08532.	10.0867	0.0198	10.6447	0.0235
3G08549.	AC18847-002(MSD)	08/12/05 11:52	Soil	3G08532.	10.0877	0.0099	10.6460	0.0113
3G08550.	AC19001-004	08/12/05 12:08	Soil	3G08532.	10.0877	0.0099	10.6447	0.0235
3G08551.	AC18888-007	08/12/05 12:25	Soil	3G08532.	10.0879	0.0079	10.6475	0.0028
3G08552.	AC18888-008	08/12/05 12:41	Soil	3G08532.	10.0868	0.0188	10.6449	0.0216
3G08553.	AC18888-009	08/12/05 12:57	Soil	3G08532.	10.0872	0.0149	10.6454	0.0169
3G08554.	AC18847-007	08/12/05 13:14	Soil	3G08532.	10.0884	0.003	10.6470	0.0019
3G08555.	AC18872-005	08/12/05 13:30	Soil	3G08532.	10.0873	0.0139	10.6468	0.0038
3G08556.	AC18893-003	08/12/05 13:47	Soil	3G08532.	10.0913	0.0258	10.6506	0.0319
3G08557.	AC18893-006	08/12/05 14:03	Soil	3G08532.	10.0916	0.0287	10.6499	0.0254
3G08558.	AC18893-001	08/12/05 14:19	Soil	3G08532.	10.0908	0.0208	10.6479	0.0066
3G08559.	AC18922-006	08/12/05 14:36	Soil	3G08532.	10.0911	0.0238	10.6489	0.016
3G08560.	AC19023-002	08/12/05 14:52	Soil	3G08532.	10.0913	0.0258	10.6505	0.031
3G08561.	AC19023-004	08/12/05 15:09	Soil	3G08532.	10.0903	0.0159	10.6481	0.0085
3G08562.	CAL 1660@1000PPB	08/12/05 15:25	Soil	3G08532.	10.0903	0.0159	10.6496	0.0225
3G08563.	SMB735B	08/12/05 15:45	Soil	3G08562.	10.0931	0.0277	10.6493	0.0028
3G08564.	SMB735B(MS)	08/12/05 16:01	Soil	3G08562.	10.0907	0.004	10.6485	0.0103
3G08565.	AC18922-009	08/12/05 16:17	Soil	3G08562.	10.0904	0.001	10.6487	0.0085
3G08566.	AC18922-011	08/12/05 16:34	Soil	3G08562.	10.0873	0.0297	10.6474	0.0207
3G08567.	AC19029-001	08/12/05 16:50	Soil	3G08562.	10.0909	0.006	10.6479	0.016
3G08568.	AC19029-002	08/12/05 17:07	Soil	3G08562.	10.0895	0.0079	10.6480	0.015
3G08569.	AC18888-006	08/12/05 17:23	Soil	3G08562.	10.0891	0.0119	10.6479	0.016
3G08570.	AC19023-006	08/12/05 17:40	Soil	3G08562.	10.0897	0.0059	10.6476	0.0188
3G08571.	AC19026-002	08/12/05 17:56	Soil	3G08562.	10.0897	0.0059	10.6473	0.0216
3G08572.	CAL 1660@1000PPB	08/12/05 18:13	Soil	3G08562.	10.0893	0.0099	10.6476	0.0188

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

GC PCB Data
Sample Data

Form1

ORGANICS PCB REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 3G08558.D
Analysis Date: 08/12/05 14:19
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	12672-29-6	Aroclor-1248	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11141-16-5	Aroclor-1232	0.026	U	**11096-82-5**	**Aroclor-1260**	**0.026**	**0.12**
53469-21-9	Aroclor-1242	0.026	U				

Worksheet #: 18329

Total Target Concentration 0.12

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08558.D\ECD1A.CH Vial: 29
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08558.D\ECD2B.CH
Acq On : 12 Aug 2005 14:19 Operator: JK
Sample : AC18893-001 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 14:31 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	675134	1606368	104.484	97.084
7)	Aroclor-1260 {1}	6.72	6.92	90635	274099	230.090m	251.649
9)	Aroclor-1260 {3}	7.89	8.28	75890	541206	233.045m	223.942
11)	Aroclor-1260 {5}	8.69	9.52	116736	148601	210.596m	216.057
35)	DCB-Surrogate	10.09	10.65	832360	1841789	113.752	85.311 #

08/17/06

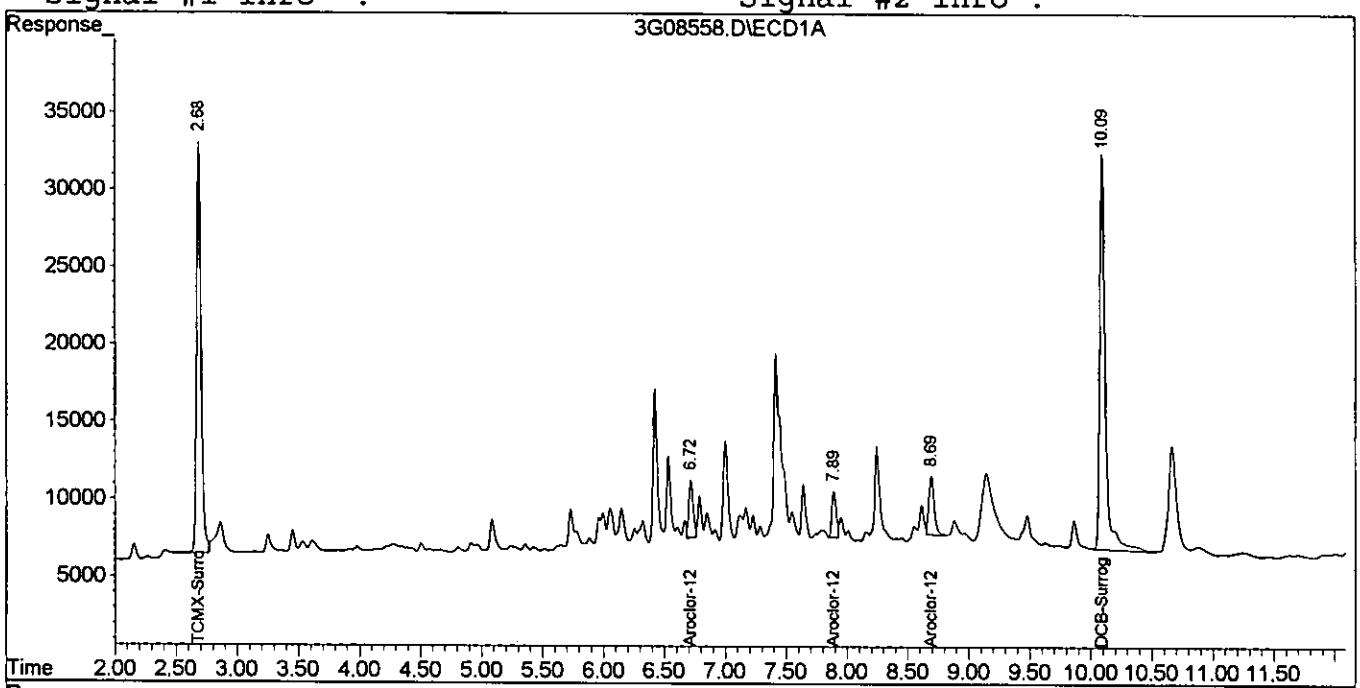
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

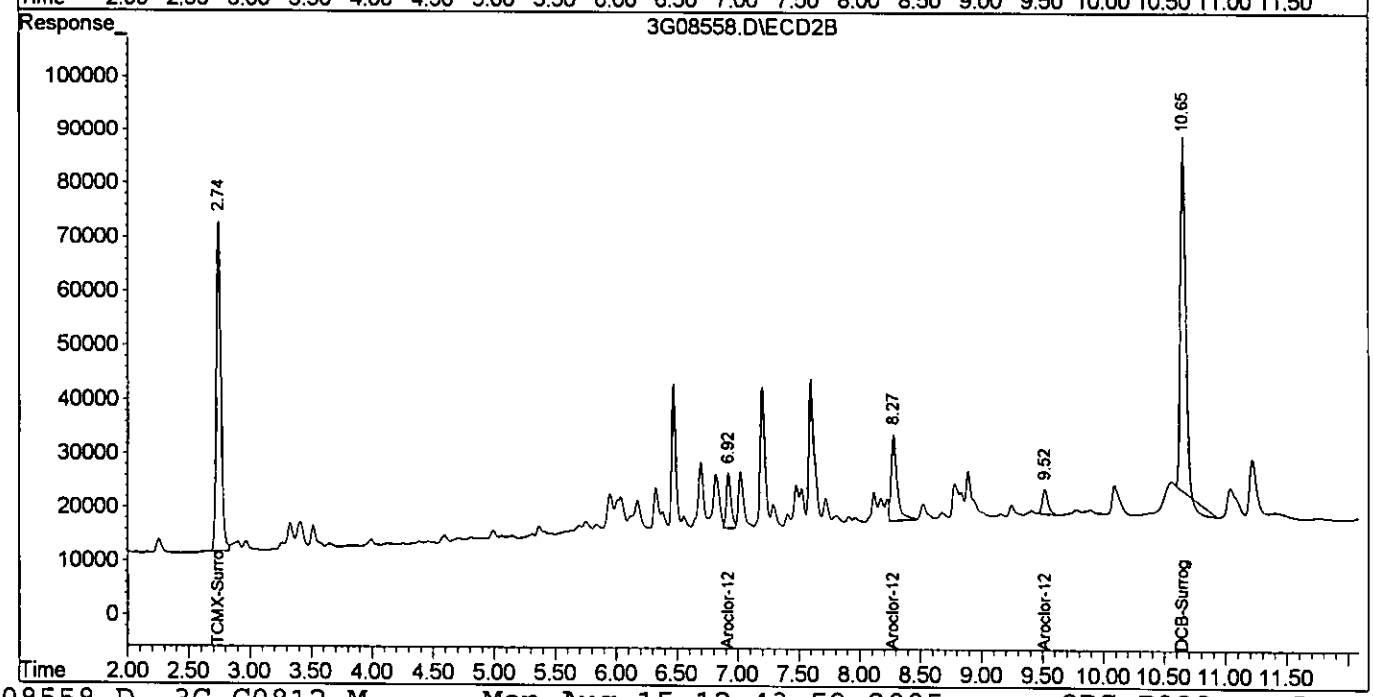
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08558.D\ECD1A.CH Vial: 29
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08558.D\ECD2B.CH
Acq On : 12 Aug 2005 14:19 Operator: JK
Sample : AC18893-001 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 14:31 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

1551

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 3G08556.D
Analysis Date: 08/12/05 13:47
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.028	U	12672-29-6	Aroclor-1248	0.028	U
11104-28-2	Aroclor-1221	0.028	U	11097-69-1	Aroclor-1254	0.028	U
11141-16-5	Aroclor-1232	0.028	U	**11096-82-5**	**Aroclor-1260**	**0.028**	**1.0**
53469-21-9	Aroclor-1242	0.028	U				

Worksheet #: 18329

Total Target Concentration 1

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08556.D\ECD1A.CH Vial: 27
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08556.D\ECD2B.CH
Acq On : 12 Aug 2005 13:47 Operator: JK
Sample : AC18893-003 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 13:59 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	681480	1637509	105.466	98.966
7)	Aroclor-1260 {1}	6.72	6.92	654428	1743127	1661.365m	1600.354
8)	Aroclor-1260 {2}	7.00	7.02	1065851	2283504	1950.118m	1722.848
9)	Aroclor-1260 {3}	7.90	8.27	620071	5098427	1904.140m	2109.644m
11)	Aroclor-1260 {5}	8.69	9.52	1130565	1280069	2039.571m	1861.141m
35)	DCB-Surrogate	10.09	10.65	708504	2114159	96.826m	97.927

08/15/05

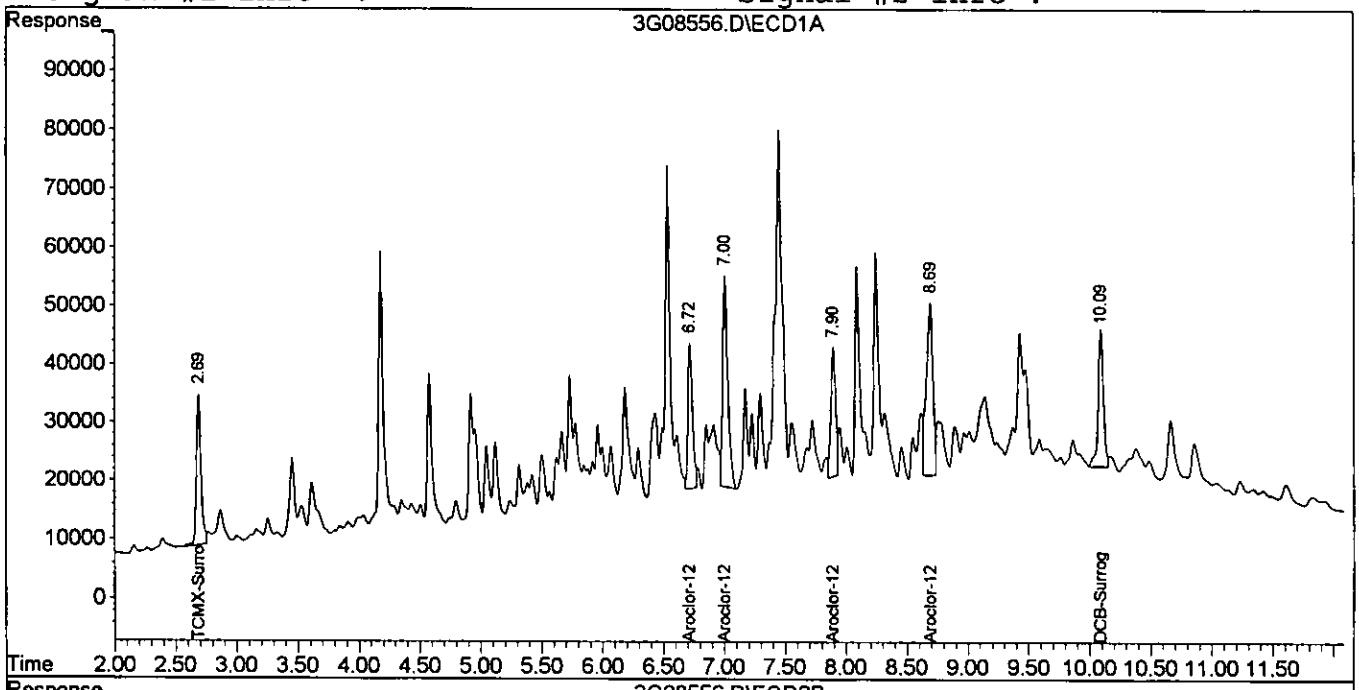
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

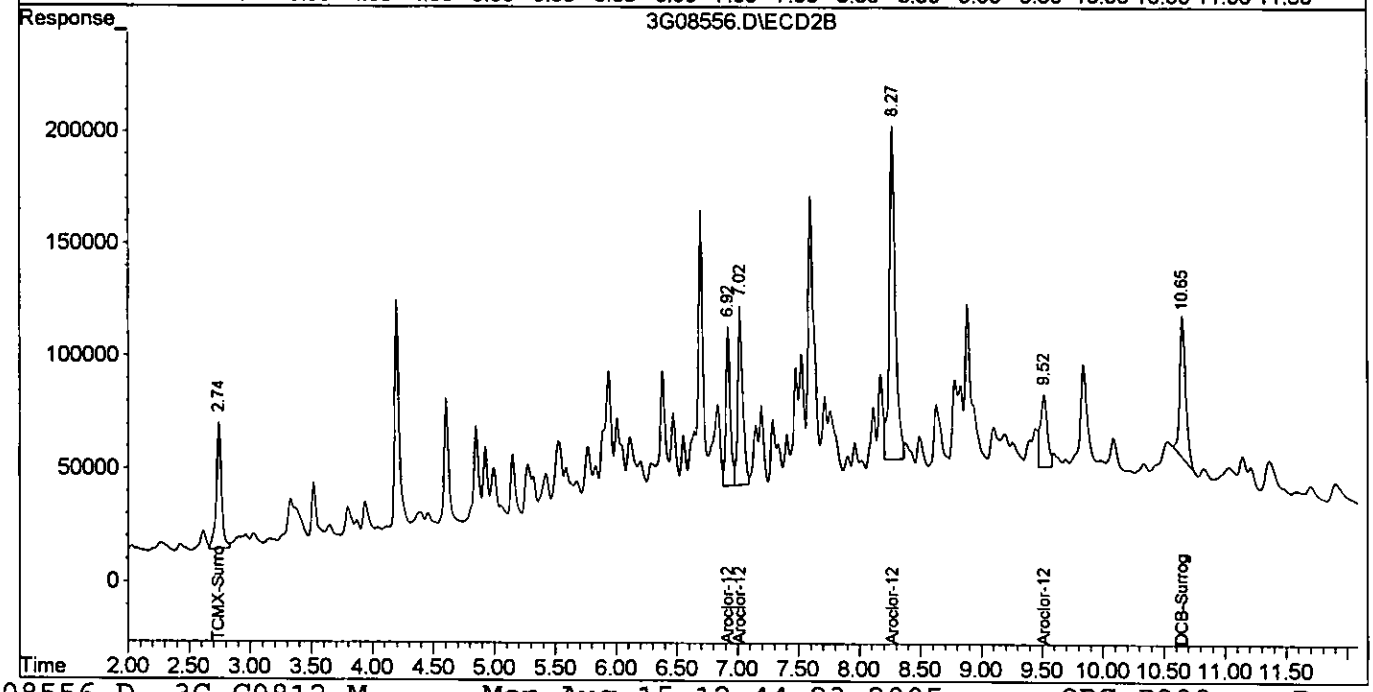
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08556.D\ECD1A.CH Vial: 27
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08556.D\ECD2B.CH
Acq On : 12 Aug 2005 13:47 Operator: JK
Sample : AC18893-003 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 13:59 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 3G08557.D
Analysis Date: 08/12/05 14:03
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.029	U	12672-29-6	Aroclor-1248	0.029	U
11104-28-2	Aroclor-1221	0.029	U	**11097-69-1**	**Aroclor-1254**	**0.029**	**0.32**
11141-16-5	Aroclor-1232	0.029	U	11096-82-5	Aroclor-1260	0.029	U
53469-21-9	Aroclor-1242	0.029	U				

Worksheet #: 18329

Total Target Concentration 0.32

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-12-05\3G08557.D\ECD1A.CH Vial: 28
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-12-05\3G08557.D\ECD2B.CH
Acq On : 12 Aug 2005 14:03 Operator: JK
Sample : AC18893-006 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 17 10:22 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.69	2.74	634270	1469782	98.160	88.829	
30)	Aroclor-1254 {1}	5.73	6.01	281645	497360	572.369	493.889	
32)	Aroclor-1254 {3}	6.53	6.70	297602	804531	568.903m	561.354	
33)	Aroclor-1254 {4}	6.85	6.92	178640	411819	444.505	562.244	#
35)	DCB-Surrogate	10.09	10.65	805272	1670951	110.050	77.398	#

08/17/05

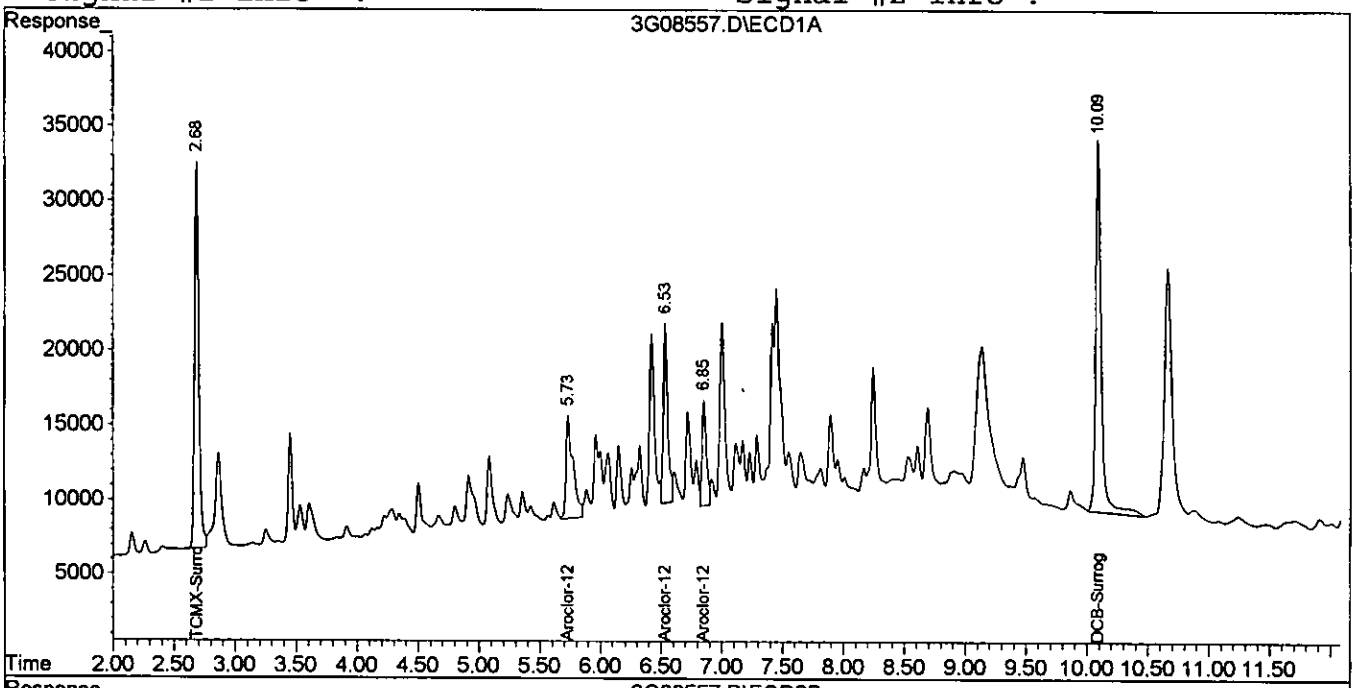
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

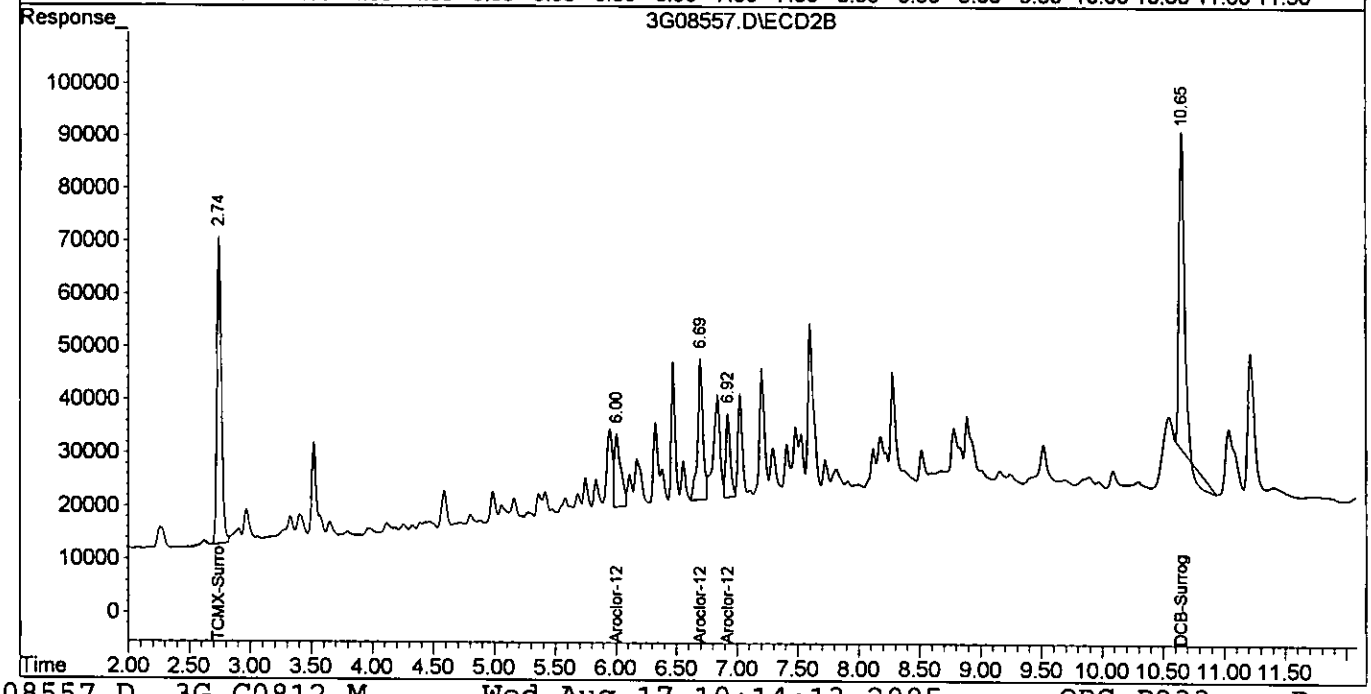
Quantitation Report

Signal #1 : G:\GCDATA\2005\GC_3\DATA\08-12-05\3G08557.D\ECD1A.CH Vial: 28
Signal #2 : G:\GCDATA\2005\GC_3\DATA\08-12-05\3G08557.D\ECD2B.CH
Acq On : 12 Aug 2005 14:03 Operator: JK
Sample : AC18893-006 Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 17 10:22 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





GC PCB Data
Standards Data

Form 6
Initial Calibration

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G08532.D	CAL 1660@50PPB	08/12/05 07:14
3	3G08534.D	CAL 1660@500PPB	08/12/05 07:47
5	3G08536.D	CAL 1660@2000PPB	08/12/05 08:19
7	3G08541.D	CAL 1232@500PPB	08/12/05 09:41
9	3G08539.D	CAL 1248@500PPB	08/12/05 09:08

Level #:	Data File:	Cal Identifier:	Analysis Date/Time
2	3G08533.D	CAL 1660@200PPB	08/12/05 07:30
4	3G08535.D	CAL 1660@1000PPB	08/12/05 08:03
6	3G08537.D	CAL 1660@4000PPB	08/12/05 08:36
8	3G08540.D	CAL 1242@500PPB	08/12/05 09:25
10	3G08538.D	CAL 2154@500PPB	08/12/05 08:52

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	0.6948	0.6596	0.6805	0.6409	0.6331	0.5678	---	---	0.646	2.69	0.997	1.00	6.9	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Avg	0.0174	0.0181	0.0172	0.0159	0.0144	0.0129	---	---	0.0160	3.43	0.995	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Avg	0.0354	0.0351	0.0332	0.0305	0.0273	0.0234	---	---	0.0309	3.92	0.991	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Avg	0.0758	0.0714	0.0675	0.0623	0.0559	0.0482	---	---	0.0636	4.50	0.992	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Avg	0.0272	0.0271	0.0319	0.0271	0.0248	0.0240	---	---	0.0271	4.67	0.998	0.999	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Avg	0.0468	0.0468	0.0465	0.0432	0.0395	0.0342	---	---	0.0429	4.95	0.992	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Avg	0.0419	0.0445	0.0426	0.0397	0.0361	0.0314	---	---	0.0394	6.71	0.993	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Avg	0.0556	0.0587	0.0587	0.0561	0.0522	0.0464	---	---	0.0547	7.00	0.995	1.00	8.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0284	0.0346	0.0357	0.0346	0.0327	0.0292	---	---	0.0326	7.89	0.996	1.00	9.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	0.0748	0.0825	0.0875	0.0880	0.0862	0.0798	---	---	0.0832	8.24	0.998	1.00	6.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.0496	0.0542	0.0580	0.0584	0.0578	0.0542	---	---	0.0554	8.69	0.999	1.00	6.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	---	---	---	---	---	---	---	---	0.00937	3.15	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	---	---	---	---	---	---	---	---	0.00662	3.35	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	---	---	---	---	---	---	---	---	0.0247	3.43	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	---	---	---	---	---	---	---	---	0.0176	3.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	---	---	---	---	---	---	---	---	0.0156	3.92	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	---	---	---	---	---	---	---	---	0.0127	4.68	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	---	---	---	---	---	---	---	---	0.00947	4.81	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	---	---	---	---	---	---	---	---	0.0212	4.95	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	---	---	---	---	---	---	---	---	0.0151	3.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	---	---	---	---	---	---	---	---	0.0273	3.92	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	---	---	---	---	---	---	---	---	0.0555	4.51	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	---	---	---	---	---	---	---	---	0.0178	4.81	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	---	---	---	---	---	---	---	---	0.0370	4.95	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	---	---	---	---	---	---	---	---	0.0132	3.92	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	---	---	---	---	---	---	---	---	0.0430	4.51	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	---	---	---	---	---	---	---	---	0.0123	4.81	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	---	---	---	---	---	---	---	---	0.0543	4.95	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	---	---	---	---	---	---	---	---	0.0657	5.75	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	---	---	---	---	---	---	---	---	0.0492	5.74	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	---	---	---	---	---	---	---	---	0.0521	5.97	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	---	---	---	---	---	---	---	---	0.0523	6.55	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	---	---	---	---	---	---	---	---	0.0402	6.87	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	---	---	---	---	---	---	---	---	0.0570	7.47	-1	-1	Lvl=10	500.0							
DCB-Surrogate	1	0	Avg	0.7183	0.7502	0.7659	0.7518	0.7279	0.6760	---	---	0.732	10.09	0.998	1.00	4.4	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	1.9656	1.7681	1.6836	1.6036	1.5099	1.3967	---	---	1.65	2.75	0.998	1.00	12	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.99 Avg Rsd Col 2: 13.0

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	3G08532.D	CAL 1660@50PPB	08/12/05 07:14	2	3G08533.D	CAL 1660@200PPB	08/12/05 07:30
3	3G08534.D	CAL 1660@500PPB	08/12/05 07:47	4	3G08535.D	CAL 1660@1000PPB	08/12/05 08:03
5	3G08536.D	CAL 1660@2000PPB	08/12/05 08:19	6	3G08537.D	CAL 1660@4000PPB	08/12/05 08:36
7	3G08541.D	CAL 1232@500PPB	08/12/05 09:41	8	3G08540.D	CAL 1242@500PPB	08/12/05 09:25
9	3G08539.D	CAL 1248@500PPB	08/12/05 09:08	10	3G08538.D	CAL 2154@500PPB	08/12/05 08:52

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
Aroclor-1016	2	1	Avg	0.0423	0.0356	0.0372	0.0337	0.0298	0.0255	----	----	0.0340	3.58	0.990	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.1022	0.0893	0.0790	0.0704	0.0620	0.0535	----	----	0.0761	4.12	0.992	1.00	24	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Avg	0.1870	0.1705	0.1652	0.1467	0.1315	0.1161	----	----	0.153	4.59	0.994	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Avg	0.0603	0.0632	0.0634	0.0561	0.0499	0.0434	----	----	0.0561	4.80	0.992	0.999	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Avg	0.0611	0.0573	0.0535	0.0484	0.0431	0.0372	----	----	0.0501	5.42	0.992	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Avg	0.1359	0.1236	0.1141	0.1040	0.0937	0.0820	----	----	0.109	6.92	0.994	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Avg	0.1518	0.1481	0.1396	0.1301	0.1192	0.1061	----	----	0.133	7.02	0.995	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	0.2331	0.2537	0.2414	0.2508	0.2436	0.2272	----	----	0.242	8.28	0.998	1.00	4.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	0.1018	0.1080	0.1108	0.1091	0.1063	0.0986	----	----	0.106	8.89	0.998	1.00	4.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	0.0615	0.0697	0.0718	0.0719	0.0713	0.0663	----	----	0.0688	9.52	0.998	1.00	6.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0207	3.29	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.0162	3.49	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0489	3.57	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0370	3.57	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0411	4.11	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0781	4.59	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0293	4.80	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0308	5.42	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0333	3.57	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0663	4.11	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.138	4.59	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0538	4.80	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0766	4.98	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0325	4.11	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.109	4.59	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0267	4.80	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0617	5.42	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0782	5.75	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.101	6.01	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0597	6.56	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.143	6.70	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0733	6.92	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.115	7.60	-1	-1	Lvl=10	500.0							
DCB-Surrogate	2	0	Avg	2.3249	2.2749	2.2644	2.1624	2.0502	1.8765	----	----	2.16	10.65	0.997	1.00	7.9	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.99 Avg Rsd Col 2: 13.0

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\08-12-05\3G08532.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08532.D\ECD2B.CH
Acq On : 12 Aug 2005 7:14 Operator: JK
Sample : CAL 1660@50PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:41 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:37:33 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/10

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.75	34744	98281	5.317	6.391
2)	Aroclor-1016 {1}	3.43	3.58	8713	21194	54.926	64.666
3)	Aroclor-1016 {2}	3.92	4.12	17728	51099	58.348	16.594 #
4)	Aroclor-1016 {3}	4.50	4.59	37934	93514	61.669	64.343m
5)	Aroclor-1016 {4}	4.67	4.80	13629	30167	49.042m	56.123m
6)	Aroclor-1016 {5}	4.94	5.42	23413	30573	53.787	14.146 #
7)	Aroclor-1260 {1}	6.72	6.92	20974	67972	4.940	66.272 #
8)	Aroclor-1260 {2}	7.00	7.02	27806	75918	52.588	61.692
9)	Aroclor-1260 {3}	7.89	8.27	14208	116560	42.839	50.380
10)	Aroclor-1260 {4}	8.24	8.89	37407	50946	44.435	49.253
11)	Aroclor-1260 {5}	8.69	9.52	24821	30779	43.155	43.268
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	35918	116246	4.741	5.490

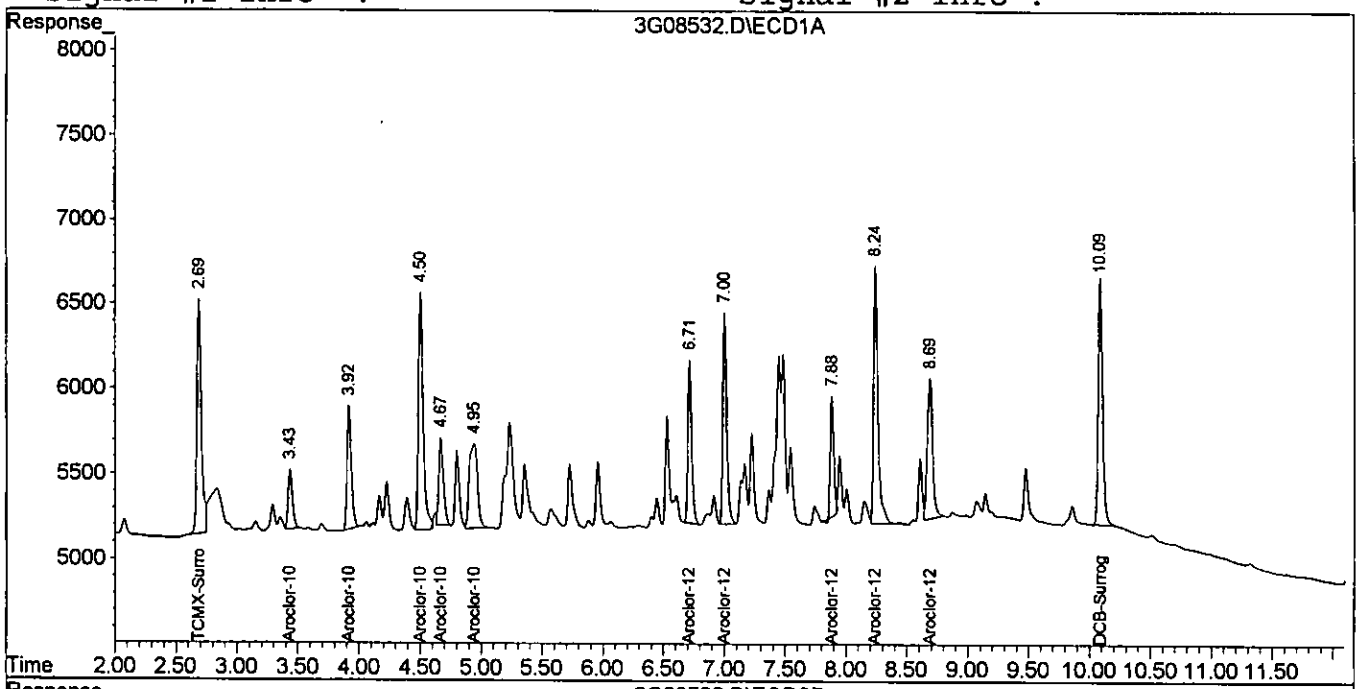
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

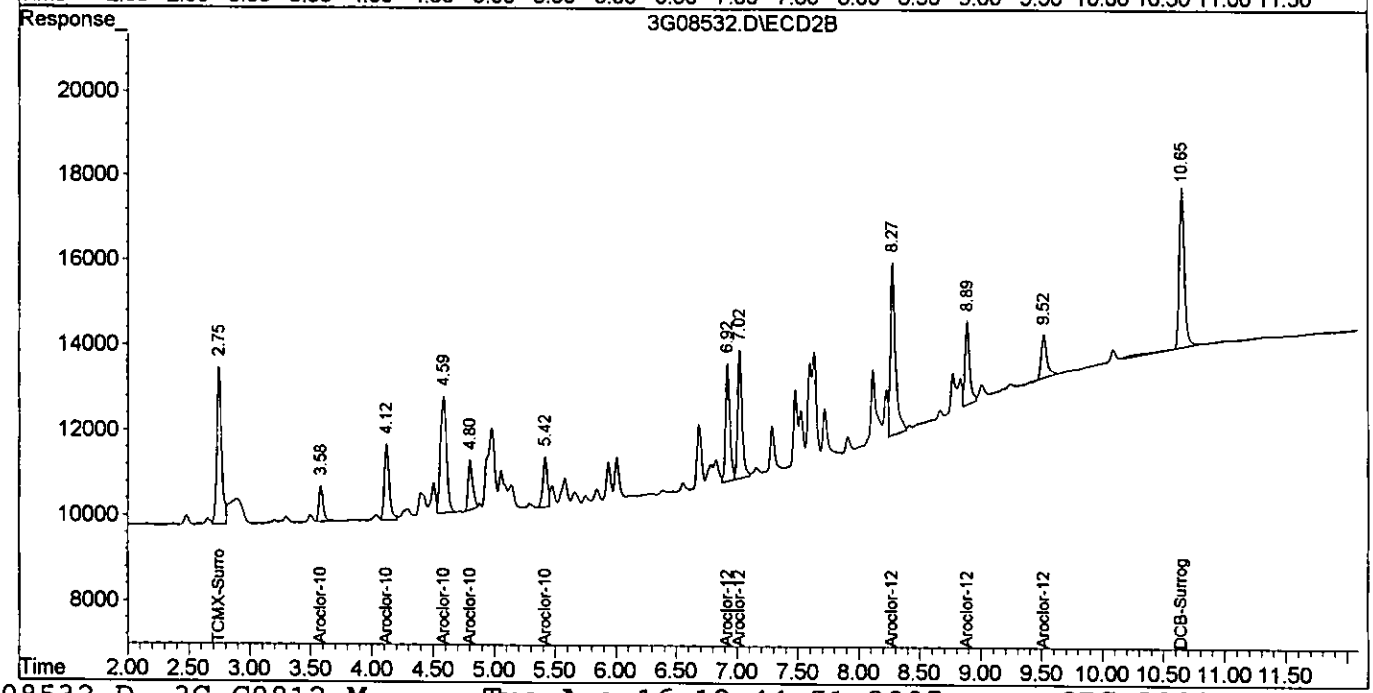
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08532.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08532.D\ECD2B.CH
Acq On : 12 Aug 2005 7:14 Operator: JK
Sample : CAL 1660@50PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:41 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:37:33 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08533.D\ECD1A.CH Vial: 24
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08533.D\ECD2B.CH
Acq On : 12 Aug 2005 7:30 Operator: JK
Sample : CAL 1660@200PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:42 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:37:33 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/0

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.75	131927	353623	20.190	22.996
2)	Aroclor-1016 {1}	3.43	3.58	36194	71196	228.154	217.226
3)	Aroclor-1016 {2}	3.92	4.12	70225	178677	231.132	214.587
4)	Aroclor-1016 {3}	4.50	4.59	142890	341119	232.292	234.710m
5)	Aroclor-1016 {4}	4.67	4.80	54227	126561	195.121m	235.456m
6)	Aroclor-1016 {5}	4.94	5.42	93724	114660	215.314	202.188
7)	Aroclor-1260 {1}	6.71	6.92	89085	247378	177.345	241.190 #
8)	Aroclor-1260 {2}	7.00	7.02	117452	296360	222.132	240.826
9)	Aroclor-1260 {3}	7.89	8.27	69193	507573	208.632	219.384
10)	Aroclor-1260 {4}	8.24	8.89	165128	216034	196.148	208.856
11)	Aroclor-1260 {5}	8.69	9.52	108542	139447	188.713	196.032
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	150044	454994	19.807	21.488

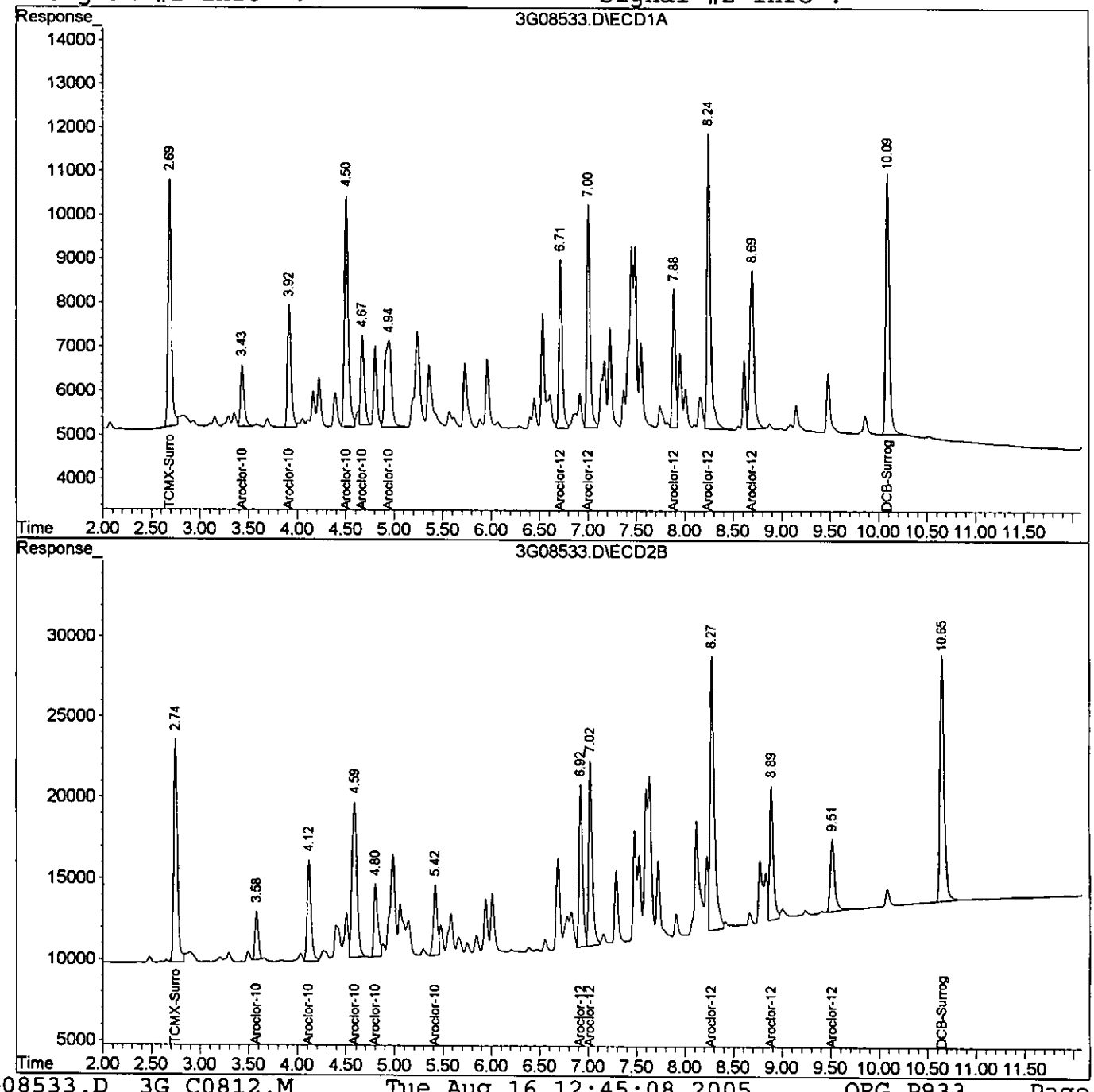
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08533.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08533.D\ECD2B.CH
Acq On : 12 Aug 2005 7:30 Operator: JK
Sample : CAL 1660@200PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:42 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:37:33 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08534.D\ECD1A.CH Vial: 25
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08534.D\ECD2B.CH
Acq On : 12 Aug 2005 7:47 Operator: JK
Sample : CAL 1660@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:55 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.75	340256	841810	52.071	54.742
2)	Aroclor-1016 {1}	3.43	3.58	86309	185983	544.057	567.452
3)	Aroclor-1016 {2}	3.92	4.12	166044	395333	546.505	562.534
4)	Aroclor-1016 {3}	4.50	4.59	337778	826426	549.115	568.629
5)	Aroclor-1016 {4}	4.67	4.80	159856	317198	575.200	590.119
6)	Aroclor-1016 {5}	4.95	5.42	232842	267832	534.913	556.938
7)	Aroclor-1260 {1}	6.71	6.92	213131	570528	502.905	556.259
8)	Aroclor-1260 {2}	7.00	7.02	293749	698217	555.555	567.381
9)	Aroclor-1260 {3}	7.89	8.28	178723	1207236	538.888	521.794
10)	Aroclor-1260 {4}	8.24	8.89	437595	554092	519.799	535.682
11)	Aroclor-1260 {5}	8.69	9.52	290208	359008	504.563	504.686
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	382975	1132215	50.556	53.471

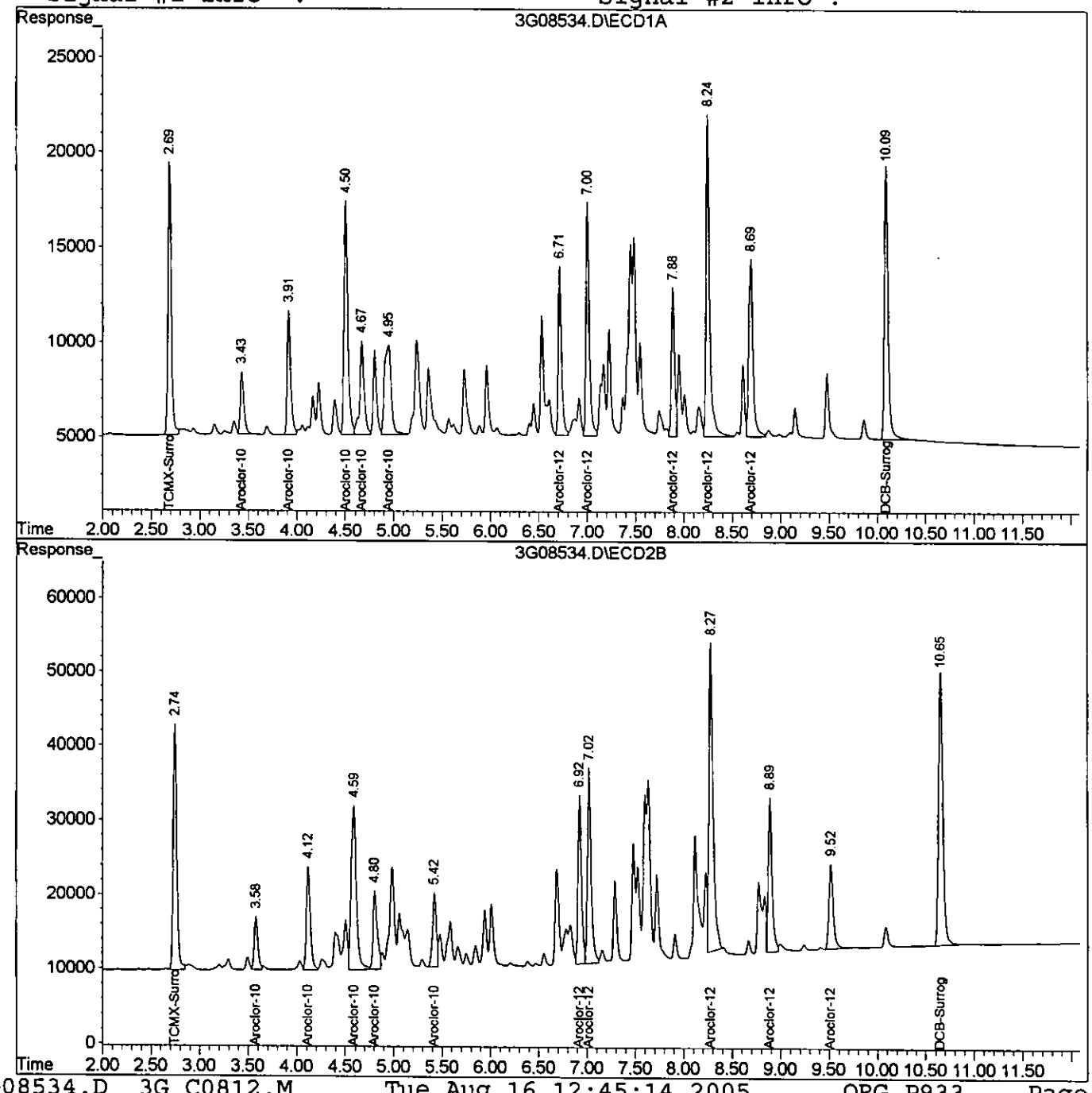
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08534.D\ECD1A.CH Vial: 5
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08534.D\ECD2B.CH
Acq On : 12 Aug 2005 7:47 Operator: JK
Sample : CAL 1660@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 7:55 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08535.D\ECD1A.CH Vial: 6
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08535.D\ECD2B.CH
Acq On : 12 Aug 2005 8:03 Operator: JK
Sample : CAL 1660@1000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:15 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration 08/16/05
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	640936	1603628	98.086	104.282
2)	Aroclor-1016 {1}	3.43	3.58	159569	337040	1005.861	1028.343
3)	Aroclor-1016 {2}	3.91	4.11	305691	703997	1006.129	1087.478
4)	Aroclor-1016 {3}	4.50	4.59	623053	1467376	1012.879	1009.640
5)	Aroclor-1016 {4}	4.67	4.80	271089	561838	975.442	1045.249
6)	Aroclor-1016 {5}	4.95	5.42	432902	484264	994.517	1089.218
7)	Aroclor-1260 {1}	6.71	6.92	396997	1040124	1017.462	1014.109
8)	Aroclor-1260 {2}	7.00	7.02	561196	1301862	1061.369	1057.910
9)	Aroclor-1260 {3}	7.89	8.27	346034	2508079	1043.367	1084.047
10)	Aroclor-1260 {4}	8.24	8.89	880107	1091517	1045.439	1055.251
11)	Aroclor-1260 {5}	8.69	9.52	584903	718985	1016.927	1010.733
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	751883	2162428	99.255	102.124

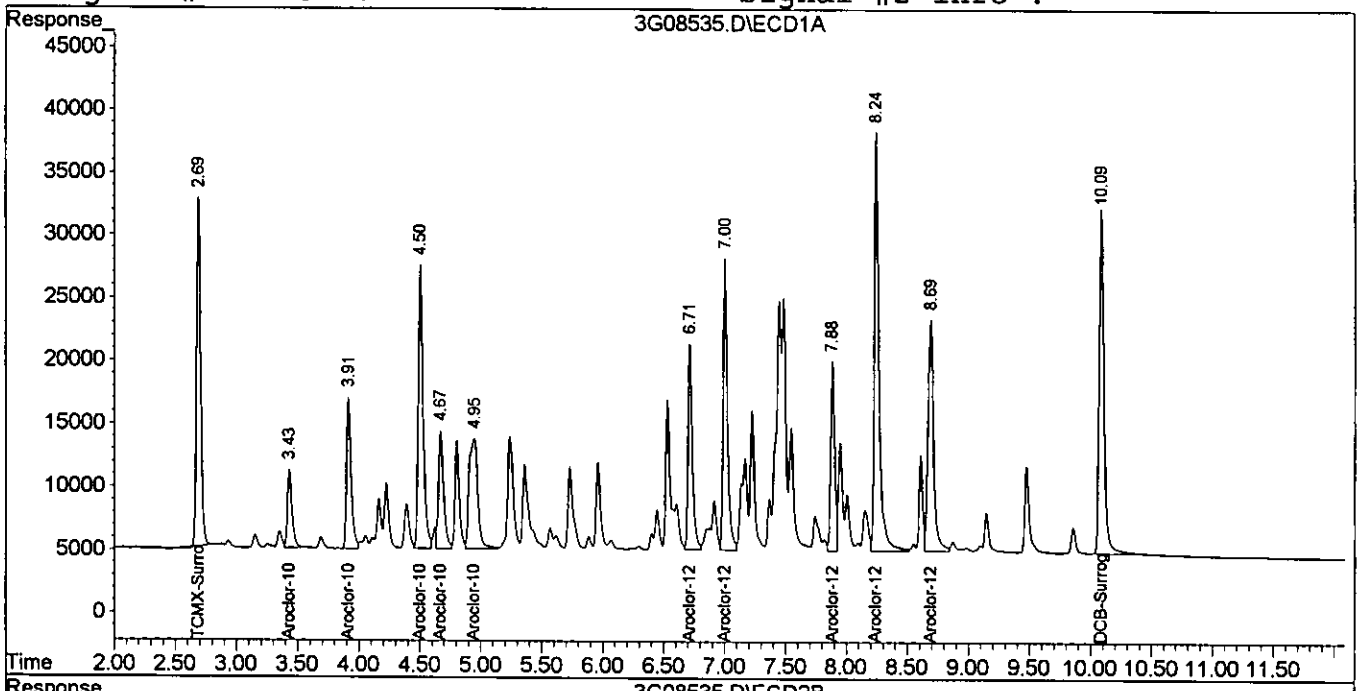
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

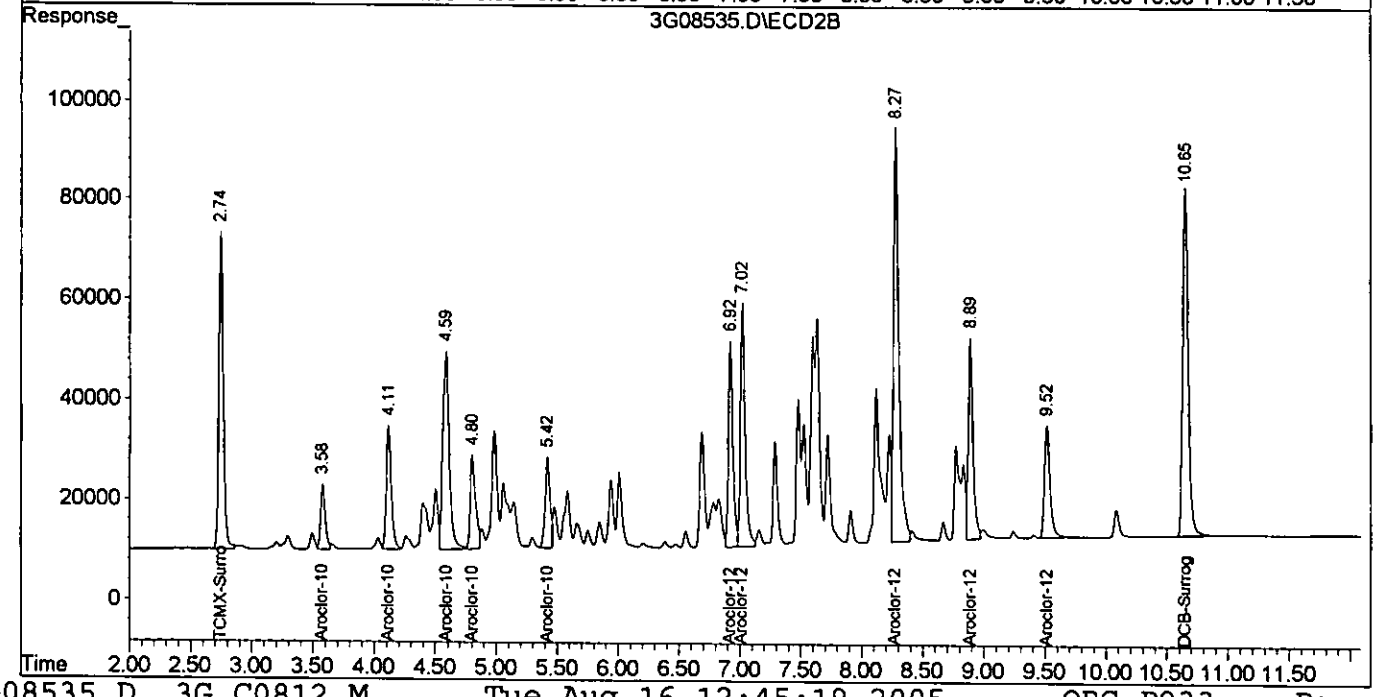
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08535.D\ECD1A.CH Vial: 6
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08535.D\ECD2B.CH
Acq On : 12 Aug 2005 8:03 Operator: JK
Sample : CAL 1660@1000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:15 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08536.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08536.D\ECD2B.CH
Acq On : 12 Aug 2005 8:19 Operator: JK
Sample : CAL 1660@2000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:30 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/0

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	1266274	3019809	193.785	196.374
2)	Aroclor-1016 {1}	3.43	3.58	289231	596808	1823.202	1820.922
3)	Aroclor-1016 {2}	3.91	4.11	546370	1241007	1798.281	2107.187
4)	Aroclor-1016 {3}	4.50	4.59	1119762	2631269	1820.363	1810.466
5)	Aroclor-1016 {4}	4.67	4.80	497852	998642	1791.386	1857.884
6)	Aroclor-1016 {5}	4.95	5.42	791676	863304	1818.735	2136.880
7)	Aroclor-1260 {1}	6.71	6.92	722206	1874043	2054.590	1827.170
8)	Aroclor-1260 {2}	7.00	7.02	1044784	2384881	1975.960	1937.986
9)	Aroclor-1260 {3}	7.88	8.27	655024	4872439	1975.038	2105.976
10)	Aroclor-1260 {4}	8.24	8.89	1725172	2126644	2049.252	2055.987
11)	Aroclor-1260 {5}	8.69	9.52	1157082	1427557	2011.732	2006.828
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	1455817	4100502	192.180	193.653

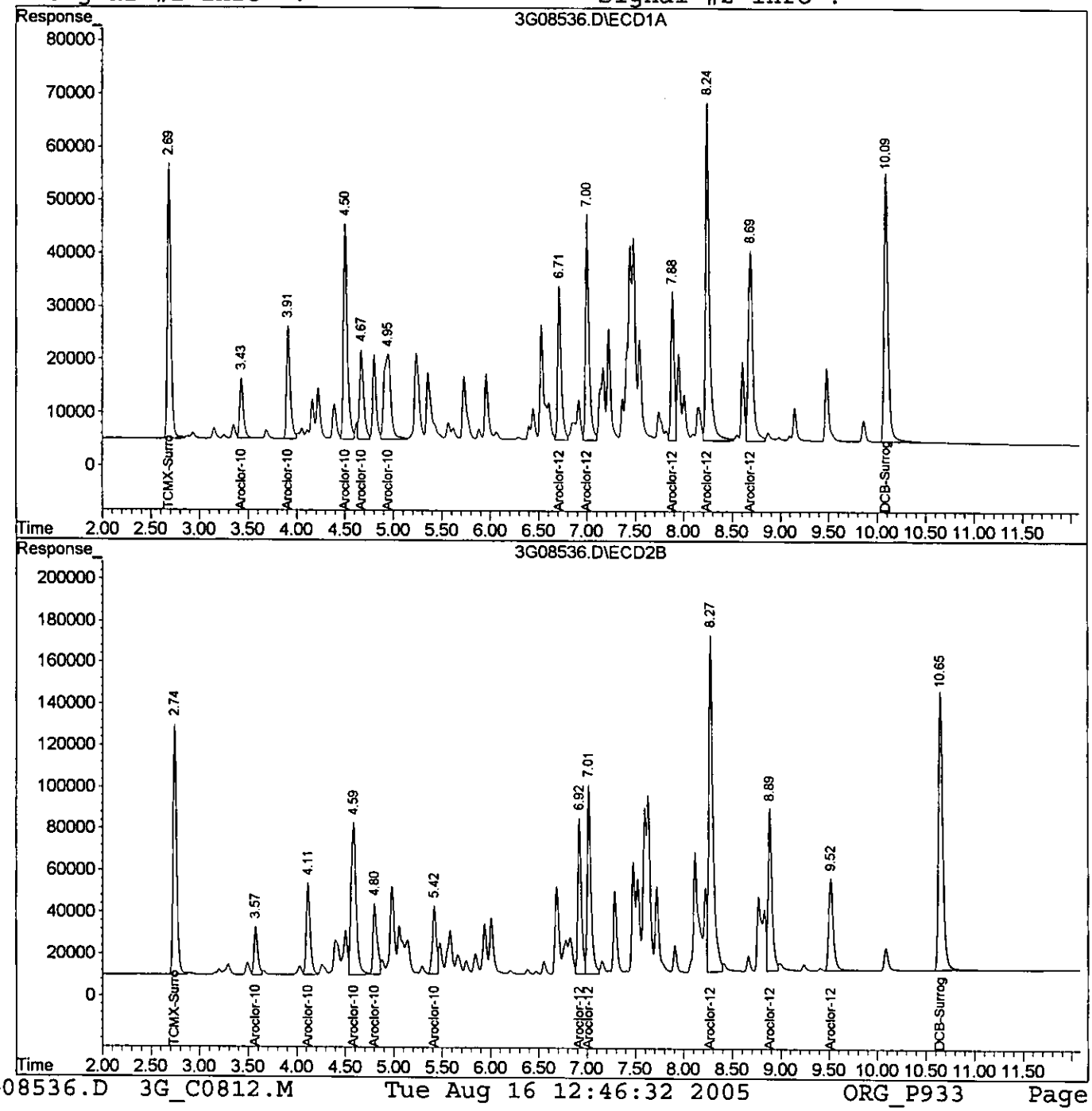
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08536.D\ECD1A.CH Vial: 37
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08536.D\ECD2B.CH
Acq On : 12 Aug 2005 8:19 Operator: JK
Sample : CAL 1660@2000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:30 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08537.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08537.D\ECD2B.CH
Acq On : 12 Aug 2005 8:36 Operator: JK
Sample : CAL 1660@4000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

8/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	2271460	5587107	347.615	363.322
2)	Aroclor-1016 {1}	3.43	3.58	516624	1021862	3256.604	3117.805
3)	Aroclor-1016 {2}	3.91	4.11	936728	2140405	3083.077	4379.157 #
4)	Aroclor-1016 {3}	4.50	4.59	1930757	4643991	3138.775	3195.336
5)	Aroclor-1016 {4}	4.67	4.80	962494	1737399	3463.276	3232.275
6)	Aroclor-1016 {5}	4.94	5.42	1370476	1491523	3148.427	4509.520 #
7)	Aroclor-1260 {1}	6.71	6.92	1256750	3282998	4554.689	3200.886 #
8)	Aroclor-1260 {2}	7.00	7.02	1859515	4246616	3516.829	3450.857
9)	Aroclor-1260 {3}	7.88	8.27	1171004	9089980	3530.830	3928.891
10)	Aroclor-1260 {4}	8.24	8.89	3194290	3945854	3794.351	3814.754
11)	Aroclor-1260 {5}	8.69	9.52	2171567	2652509	3775.542	3728.838
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.64	2704279	7506134	356.987	354.489

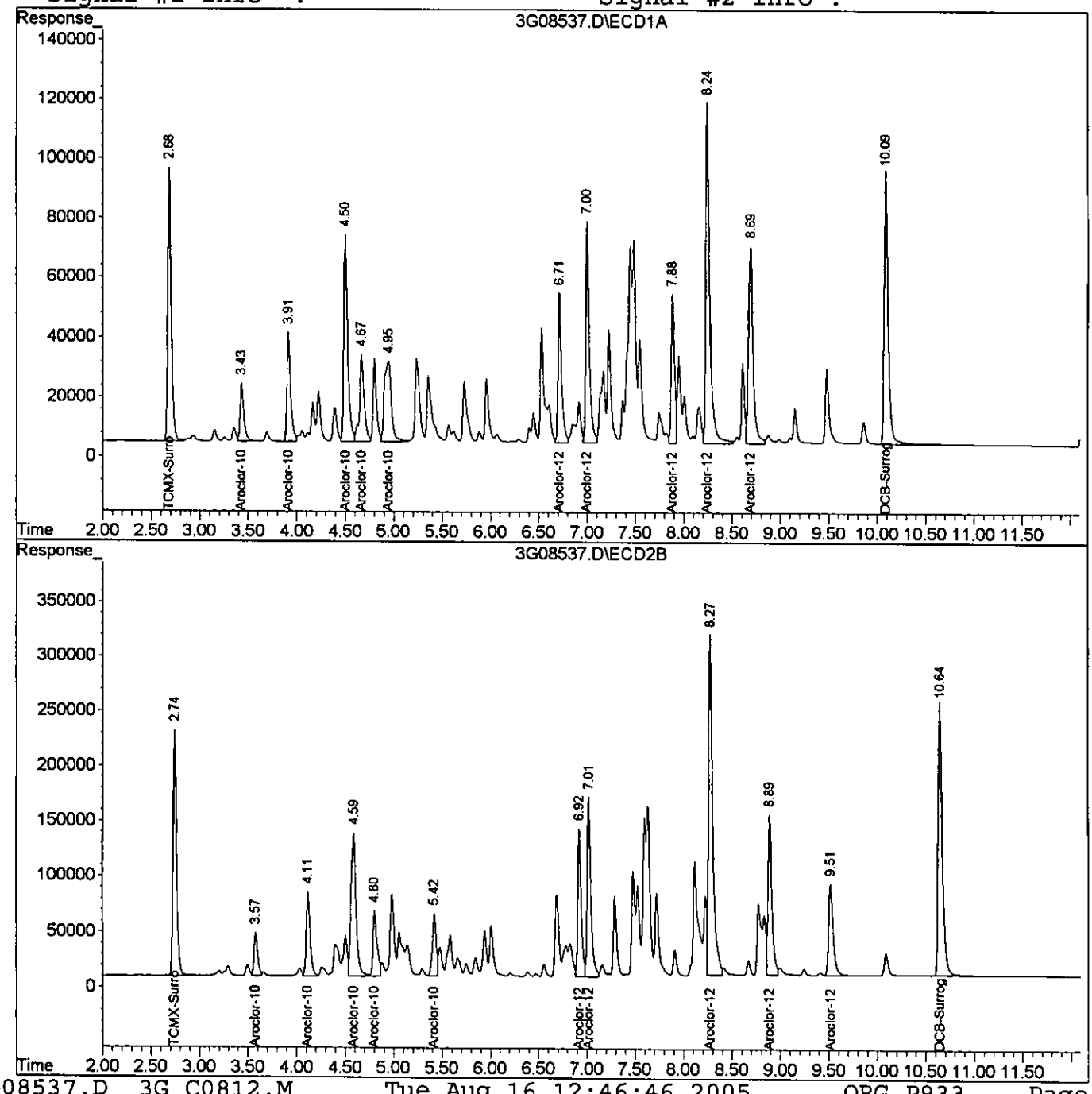
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08537.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08537.D\ECD2B.CH
Acq On : 12 Aug 2005 8:36 Operator: JK
Sample : CAL 1660@4000PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 8:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08541.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08541.D\ECD2B.CH
Acq On : 12 Aug 2005 9:41 Operator: JK
Sample : CAL 1232@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:54 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	347998	847389	53.256	55.105
2)	Aroclor-1016 {1}	0.00	0.00	0	0	N.D. d	N.D. d
3)	Aroclor-1016 {2}	0.00	0.00	0	0	N.D. d	N.D. d
4)	Aroclor-1016 {3}	0.00	0.00	0	0	N.D. d	N.D. d
5)	Aroclor-1016 {4}	0.00	0.00	0	0	N.D. d	N.D. d
6)	Aroclor-1016 {5}	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aroclor-1260 {1}	0.00	0.00	0	0	N.D. d	N.D. d
8)	Aroclor-1260 {2}	0.00	0.00	0	0	N.D. d	N.D. d
9)	Aroclor-1260 {3}	0.00	0.00	0	0	N.D. d	N.D. d
10)	Aroclor-1260 {4}	0.00	0.00	0	0	N.D. d	N.D. d
11)	Aroclor-1260 {5}	0.00	0.00	0	0	N.D. d	N.D. d
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	3.43	3.58	88071	184903	520.848	560.572
16)	Aroclor-1232 {2}	3.91	4.11	77897	205481	512.711	565.028
17)	Aroclor-1232 {3}	4.67	4.59	63276	390605	518.101	564.476
18)	Aroclor-1232 {4}	4.80	4.80	47374	146763	520.794	564.913
19)	Aroclor-1232 {5}	4.94	5.42	106155	154115	524.780	551.012
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	418339	1216799	55.224	57.465

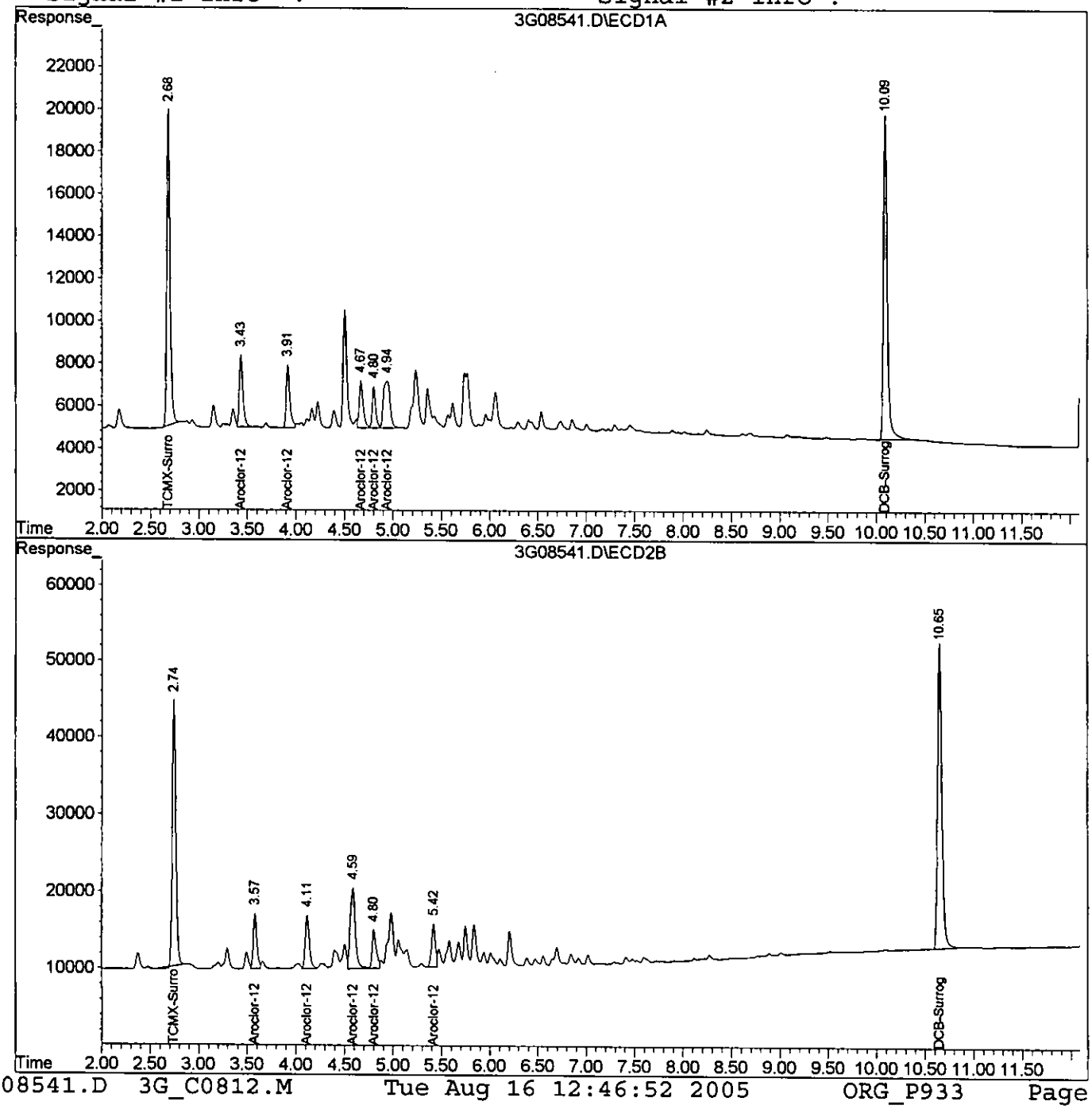
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08541.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08541.D\ECD2B.CH
Acq On : 12 Aug 2005 9:41 Operator: JK
Sample : CAL 1232@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:54 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08540.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08540.D\ECD2B.CH
Acq On : 12 Aug 2005 9:25 Operator: JK
Sample : CAL 1242@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:39 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	352944	884059	54.013	57.489
2)	Aroclor-1016 {1}	0.00	0.00	0	0	N.D. d	N.D. d
3)	Aroclor-1016 {2}	0.00	0.00	0	0	N.D. d	N.D. d
4)	Aroclor-1016 {3}	0.00	0.00	0	0	N.D. d	N.D. d
5)	Aroclor-1016 {4}	0.00	0.00	0	0	N.D. d	N.D. d
6)	Aroclor-1016 {5}	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aroclor-1260 {1}	0.00	0.00	0	0	N.D. d	N.D. d
8)	Aroclor-1260 {2}	0.00	0.00	0	0	N.D. d	N.D. d
9)	Aroclor-1260 {3}	0.00	0.00	0	0	N.D. d	N.D. d
10)	Aroclor-1260 {4}	0.00	0.00	0	0	N.D. d	N.D. d
11)	Aroclor-1260 {5}	0.00	0.00	0	0	N.D. d	N.D. d
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	3.43	3.58	75667	166509	533.181	536.358
21)	Aroclor-1242 {2}	3.91	4.11	136595	331745	536.007	577.058
22)	Aroclor-1242 {3}	4.50	4.59	277698	691550	550.337	587.482
23)	Aroclor-1242 {4}	4.80	4.80	88961	268884	533.109	591.256
24)	Aroclor-1242 {5}	4.94	4.98	185049	382987	537.908	619.146
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	409355	1199033	54.038	56.626

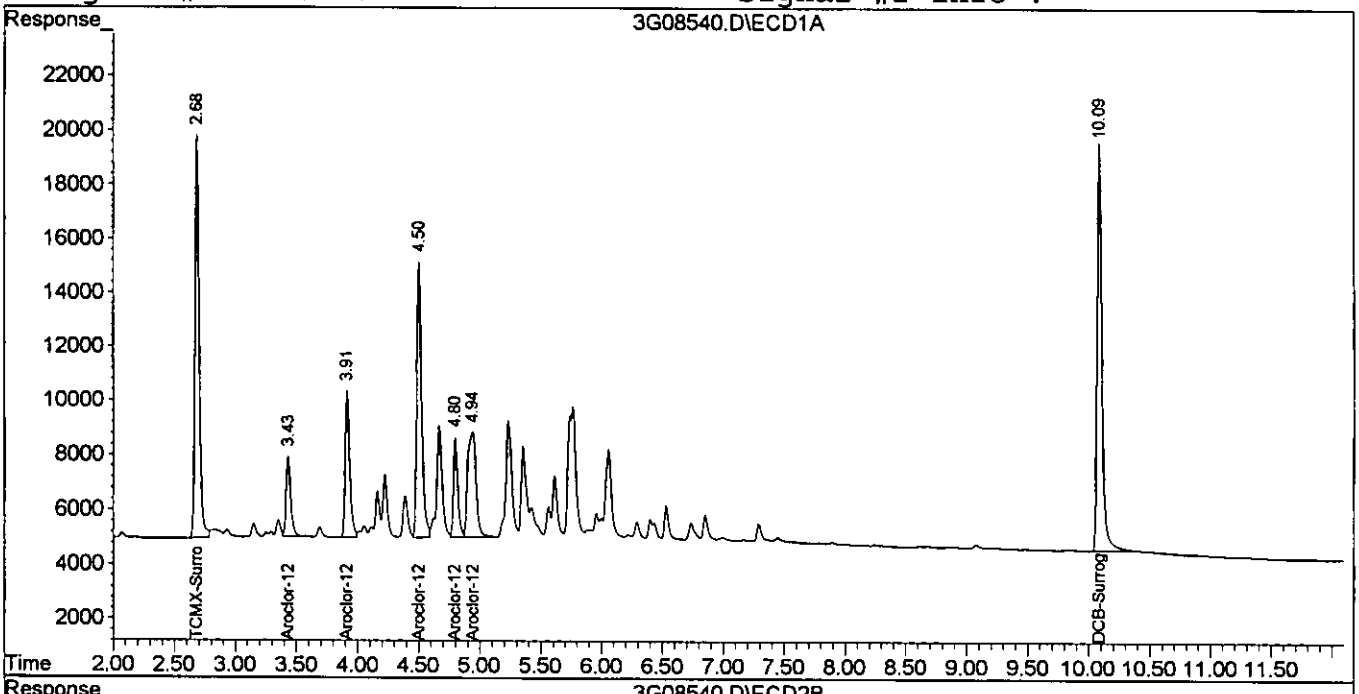
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

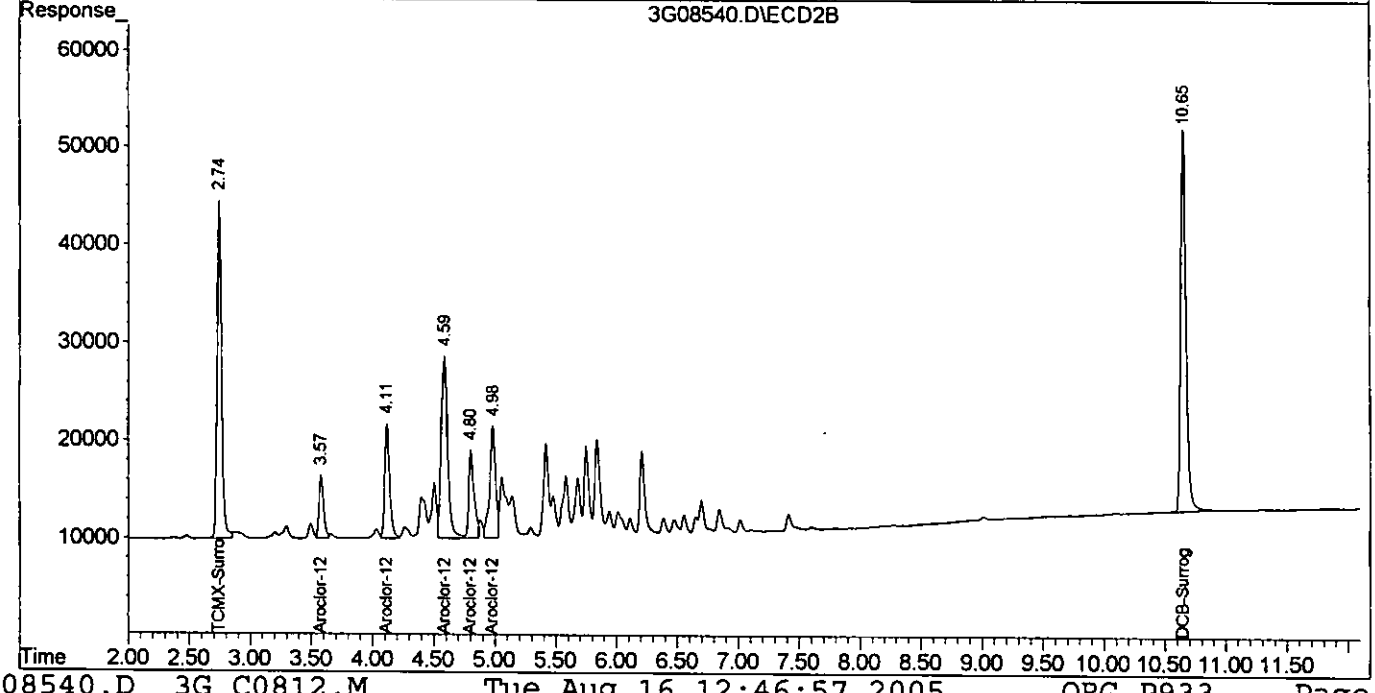
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08540.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08540.D\ECD2B.CH
Acq On : 12 Aug 2005 9:25 Operator: JK
Sample : CAL 1242@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:39 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08539.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08539.D\ECD2B.CH
Acq On : 12 Aug 2005 9:08 Operator: JK
Sample : CAL 1248@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:21 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	319337	752162	48.870	48.912
2)	Aroclor-1016 {1}	0.00	0.00	0	0	N.D. d	N.D. d
3)	Aroclor-1016 {2}	0.00	0.00	0	0	N.D. d	N.D. d
4)	Aroclor-1016 {3}	0.00	0.00	0	0	N.D. d	N.D. d
5)	Aroclor-1016 {4}	0.00	0.00	0	0	N.D. d	N.D. d
6)	Aroclor-1016 {5}	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aroclor-1260 {1}	0.00	0.00	0	0	N.D. d	N.D. d
8)	Aroclor-1260 {2}	0.00	0.00	0	0	N.D. d	N.D. d
9)	Aroclor-1260 {3}	0.00	0.00	0	0	N.D. d	N.D. d
10)	Aroclor-1260 {4}	0.00	0.00	0	0	N.D. d	N.D. d
11)	Aroclor-1260 {5}	0.00	0.00	0	0	N.D. d	N.D. d
12)	Aroclor-1221 {1}	0.00	0.00	0	0	N.D. d	N.D. d
13)	Aroclor-1221 {2}	0.00	0.00	0	0	N.D. d	N.D. d
14)	Aroclor-1221 {3}	0.00	0.00	0	0	N.D. d	N.D. d
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	3.91	4.11	65961	162588	494.204	547.374
26)	Aroclor-1248 {2}	4.50	4.59	215109	545686	507.804	550.788
27)	Aroclor-1248 {3}	4.80	4.80	61319	133640	487.038	550.301
28)	Aroclor-1248 {4}	4.94	5.42	271382	308419	497.315	538.419
29)	Aroclor-1248 {5}	5.74	5.75	328352	390997	498.491	538.967
30)	Aroclor-1254 {1}	0.00	0.00	0	0	N.D. d	N.D. d
31)	Aroclor-1254 {2}	0.00	0.00	0	0	N.D. d	N.D. d
32)	Aroclor-1254 {3}	0.00	0.00	0	0	N.D. d	N.D. d
33)	Aroclor-1254 {4}	0.00	0.00	0	0	N.D. d	N.D. d
34)	Aroclor-1254 {5}	0.00	0.00	0	0	N.D. d	N.D. d
35)	DCB-Surrogate	10.09	10.65	366224	1080653	48.345	51.036

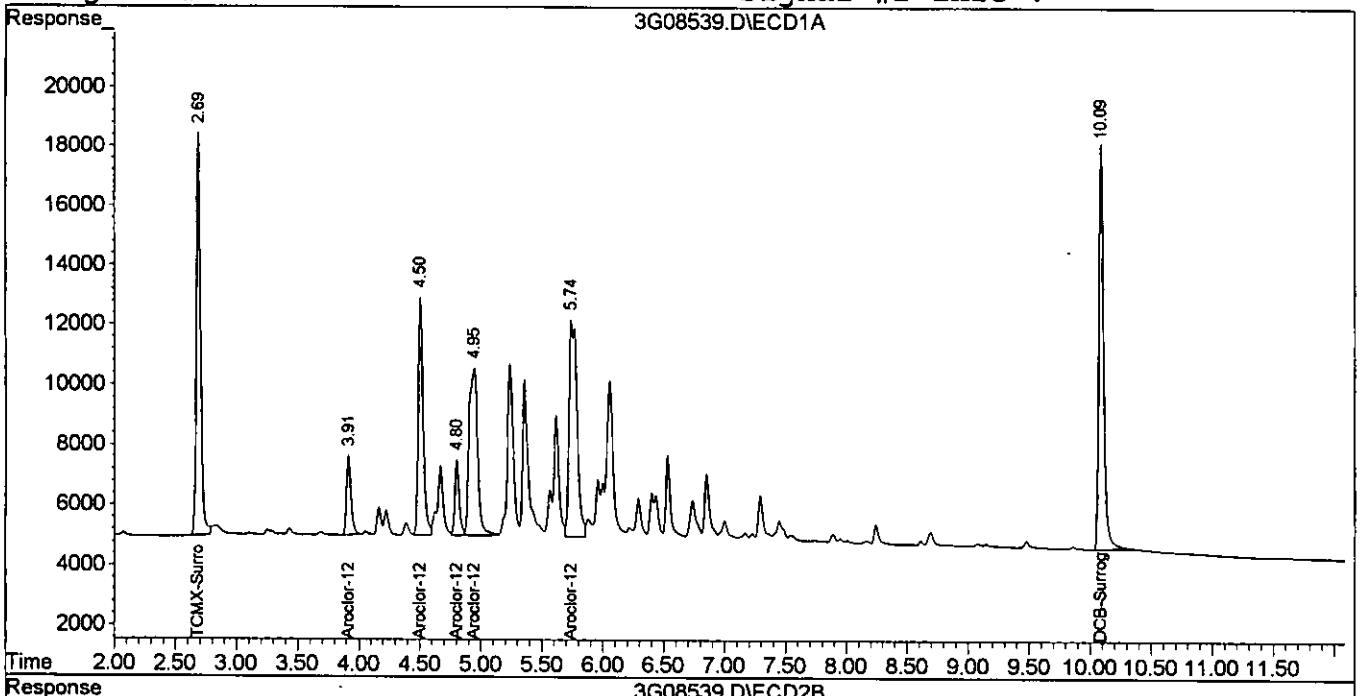
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

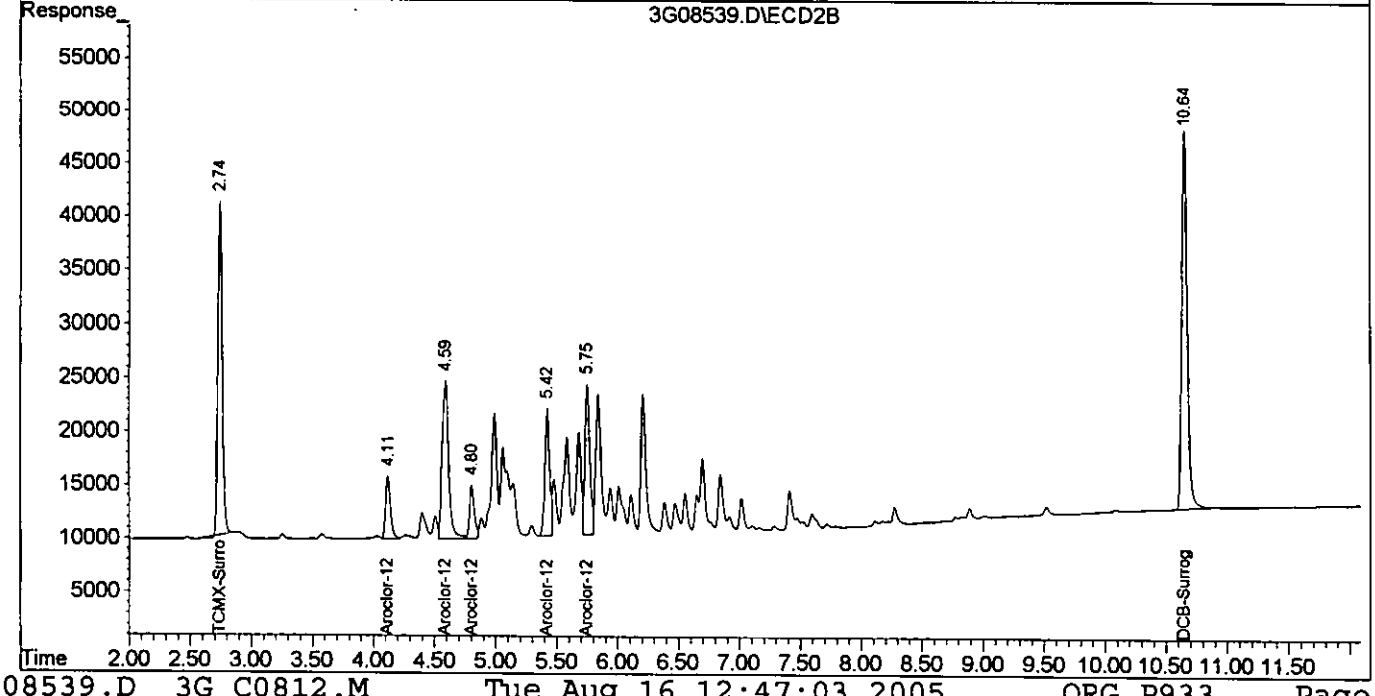
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08539.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08539.D\ECD2B.CH
Acq On : 12 Aug 2005 9:08 Operator: JK
Sample : CAL 1248@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:21 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08538.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08538.D\ECD2B.CH
Acq On : 12 Aug 2005 8:52 Operator: JK
Sample : CAL 2154@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:18 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

08/16/05

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.69	2.74	322386	792604	49.337	51.542
2)	Aroclor-1016 {1}	0.00	0.00	0	0	N.D. d	N.D. d
3)	Aroclor-1016 {2}	0.00	0.00	0	0	N.D. d	N.D. d
4)	Aroclor-1016 {3}	0.00	0.00	0	0	N.D. d	N.D. d
5)	Aroclor-1016 {4}	0.00	0.00	0	0	N.D. d	N.D. d
6)	Aroclor-1016 {5}	0.00	0.00	0	0	N.D. d	N.D. d
7)	Aroclor-1260 {1}	0.00	0.00	0	0	N.D. d	N.D. d
8)	Aroclor-1260 {2}	0.00	0.00	0	0	N.D. d	N.D. d
9)	Aroclor-1260 {3}	0.00	0.00	0	0	N.D. d	N.D. d
10)	Aroclor-1260 {4}	0.00	0.00	0	0	N.D. d	N.D. d
11)	Aroclor-1260 {5}	0.00	0.00	0	0	N.D. d	N.D. d
12)	Aroclor-1221 {1}	3.15	3.29	46835	103704	497.006	535.641
13)	Aroclor-1221 {2}	3.35	3.49	33088	81164	513.116	532.650
14)	Aroclor-1221 {3}	3.43	3.58	123411	244652	505.464	535.915
15)	Aroclor-1232 {1}	0.00	0.00	0	0	N.D. d	N.D. d
16)	Aroclor-1232 {2}	0.00	0.00	0	0	N.D. d	N.D. d
17)	Aroclor-1232 {3}	0.00	0.00	0	0	N.D. d	N.D. d
18)	Aroclor-1232 {4}	0.00	0.00	0	0	N.D. d	N.D. d
19)	Aroclor-1232 {5}	0.00	0.00	0	0	N.D. d	N.D. d
20)	Aroclor-1242 {1}	0.00	0.00	0	0	N.D. d	N.D. d
21)	Aroclor-1242 {2}	0.00	0.00	0	0	N.D. d	N.D. d
22)	Aroclor-1242 {3}	0.00	0.00	0	0	N.D. d	N.D. d
23)	Aroclor-1242 {4}	0.00	0.00	0	0	N.D. d	N.D. d
24)	Aroclor-1242 {5}	0.00	0.00	0	0	N.D. d	N.D. d
25)	Aroclor-1248 {1}	0.00	0.00	0	0	N.D. d	N.D. d
26)	Aroclor-1248 {2}	0.00	0.00	0	0	N.D. d	N.D. d
27)	Aroclor-1248 {3}	0.00	0.00	0	0	N.D. d	N.D. d
28)	Aroclor-1248 {4}	0.00	0.00	0	0	N.D. d	N.D. d
29)	Aroclor-1248 {5}	0.00	0.00	0	0	N.D. d	N.D. d
30)	Aroclor-1254 {1}	5.73	6.01	246034	503514	494.894	524.204
31)	Aroclor-1254 {2}	5.96	6.55	260721	298651	496.626	519.158
32)	Aroclor-1254 {3}	6.53	6.69	261558	716599	536.689	562.936
33)	Aroclor-1254 {4}	6.85	6.92	200942	366228	549.313	530.604
34)	Aroclor-1254 {5}	7.45	7.60	284912	577464	476.332	508.417
35)	DCB-Surrogate	10.09	10.65	372843	1093575	49.218	51.646

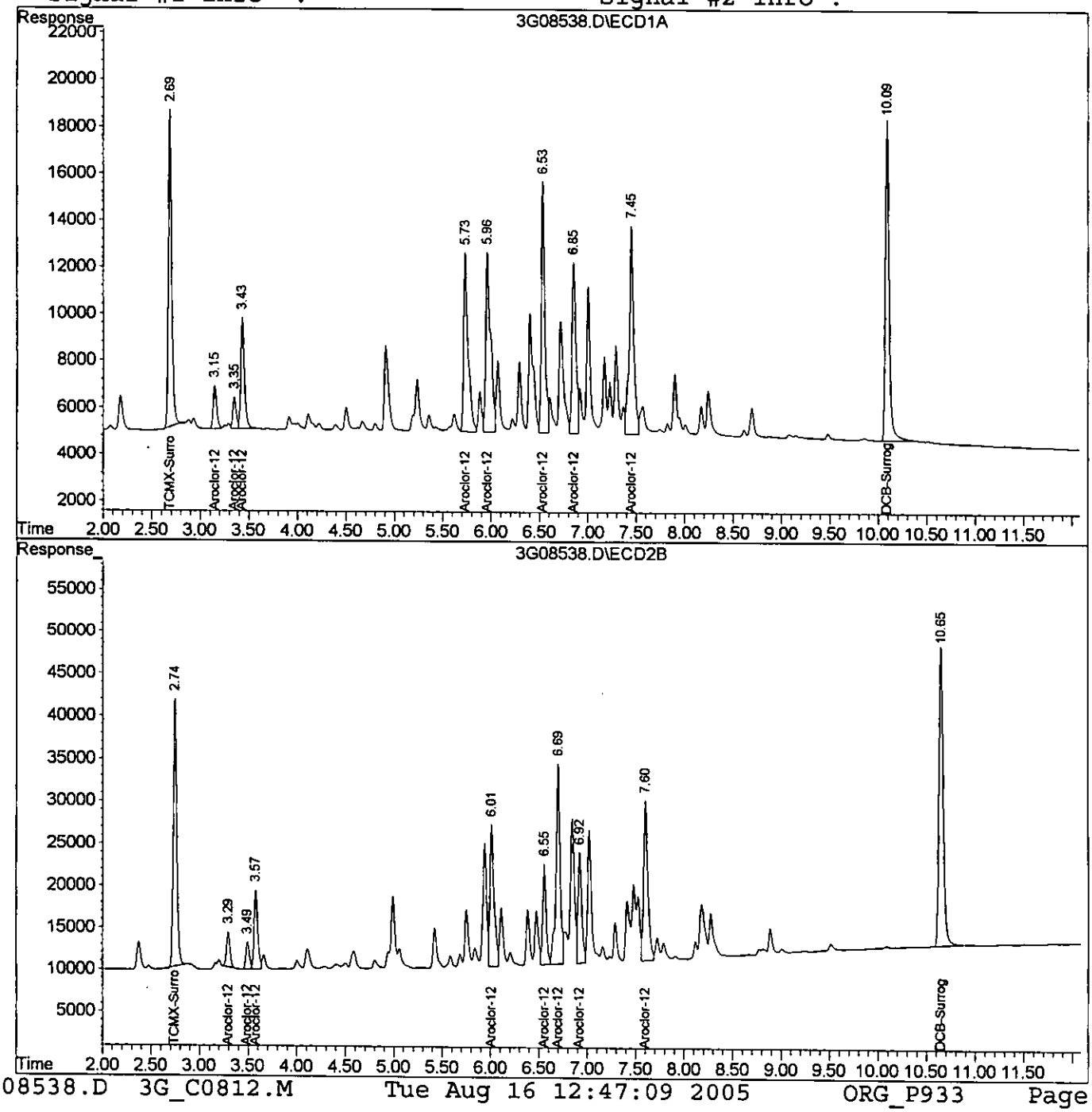
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08538.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08538.D\ECD2B.CH
Acq On : 12 Aug 2005 8:52 Operator: JK
Sample : CAL 2154@500PPB Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 9:18 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 07:42:30 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Form7
Continuing Calibration

Data File:				3G08562.D												
Method:				8082												
Calibration Name:				CAL 1660@1000PP												
Calibration Date/Time				08/12/05 15:25												
				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	107.0	100	7.0												
Aroclor-1016	15	1	1	1069	1000	6.9												
Aroclor-1016	15	1	2	1039	1000	3.9												
Aroclor-1016	15	1	3	1040	1000	4.0												
Aroclor-1016	15	1	4	966.9	1000	3.3												
Aroclor-1016	15	1	5	1098	1000	9.8												
Aroclor-1260	15	1	1	1087	1000	8.7												
Aroclor-1260	15	1	2	1129	1000	12.9												
Aroclor-1260	15	1	3	1142	1000	14.2												
Aroclor-1260	15	1	4	1126	1000	12.6												
Aroclor-1260	15	1	5	1117	1000	11.7												
DCB-Surrogate	15	1	0	107.0	100	7.0												
Average Difference	15	1	0			8.5												
TCMX-Surrogate	15	2	0	108.3	100	8.3												
Aroclor-1016	15	2	1	1080	1000	8.0												
Aroclor-1016	15	2	2	1127	1000	12.7												
Aroclor-1016	15	2	3	1050	1000	5.0												
Aroclor-1016	15	2	4	1110	1000	11.0												
Aroclor-1016	15	2	5	1044	1000	4.4												
Aroclor-1260	15	2	1	1026	1000	2.6												
Aroclor-1260	15	2	2	1068	1000	6.8												
Aroclor-1260	15	2	3	1118	1000	11.8												
Aroclor-1260	15	2	4	1116	1000	11.6												
Aroclor-1260	15	2	5	1153	1000	15.3												
DCB-Surrogate	15	2	0	102.7	100	2.7												
Average Difference	15	2	0			8.3												

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\08-12-05\3G08562.D\ECD1A.CH Vial: 33
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08562.D\ECD2B.CH
Acq On : 12 Aug 2005 15:25 Operator: JK
Sample : CAL 1660@1000PPB Inst : GC_3
Misc : S,PCB:0.5 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 15:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	691677	1791623	107.044	108.281
2)	Aroclor-1016 {1}	3.43	3.57	171290	367655	1069.229	1079.888
3)	Aroclor-1016 {2}	3.91	4.11	320443	767829	1038.812	1126.562
4)	Aroclor-1016 {3}	4.50	4.59	661234	1604774	1040.134	1049.702
5)	Aroclor-1016 {4}	4.67	4.80	261723	622938	966.911m	1110.389
6)	Aroclor-1016 {5}	4.94	5.42	470932	523699	1097.777	1044.187
7)	Aroclor-1260 {1}	6.71	6.92	428018	1117126	1086.590	1025.626
8)	Aroclor-1260 {2}	7.00	7.02	617168	1415856	1129.192	1068.229
9)	Aroclor-1260 {3}	7.89	8.28	372043	2701711	1142.485	1117.923m
10)	Aroclor-1260 {4}	8.24	8.89	936304	1180710	1125.763m	1115.883m
11)	Aroclor-1260 {5}	8.69	9.52	619343	793101	1117.313m	1153.120m
35)	DCB-Surrogate	10.09	10.65	783044	2217783	107.012	102.726

08/16/05

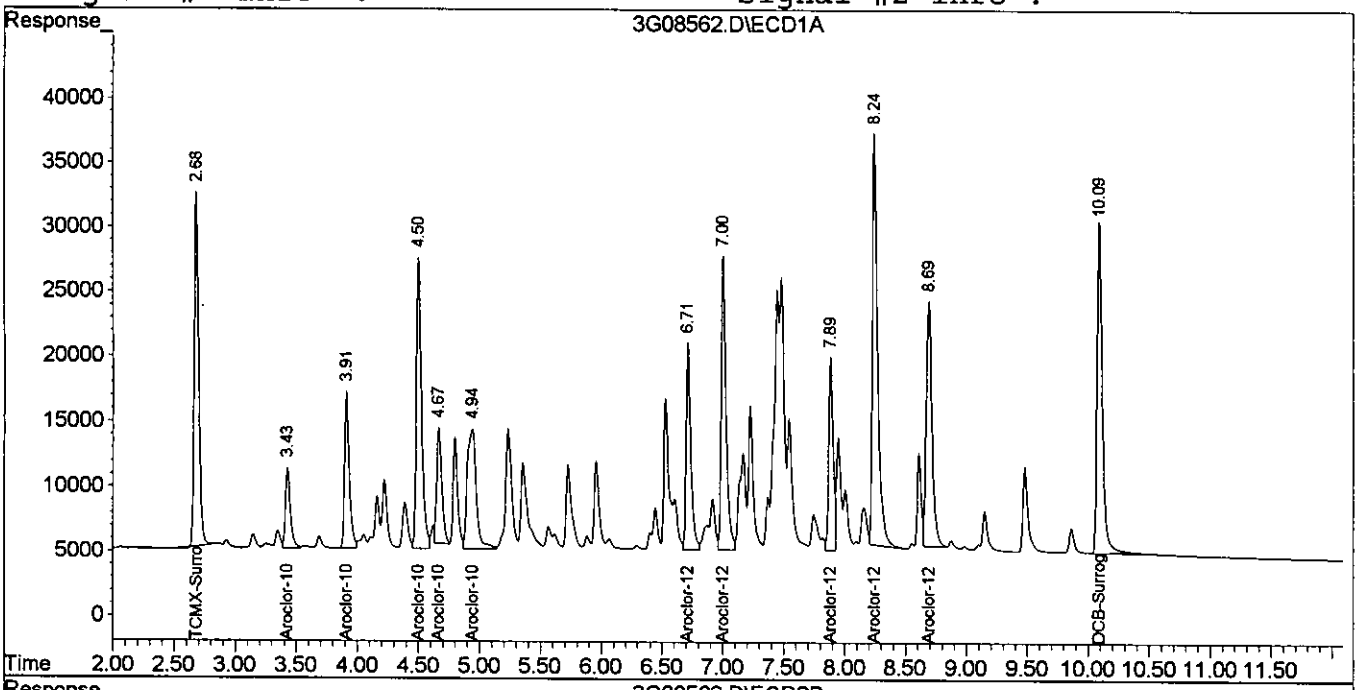
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

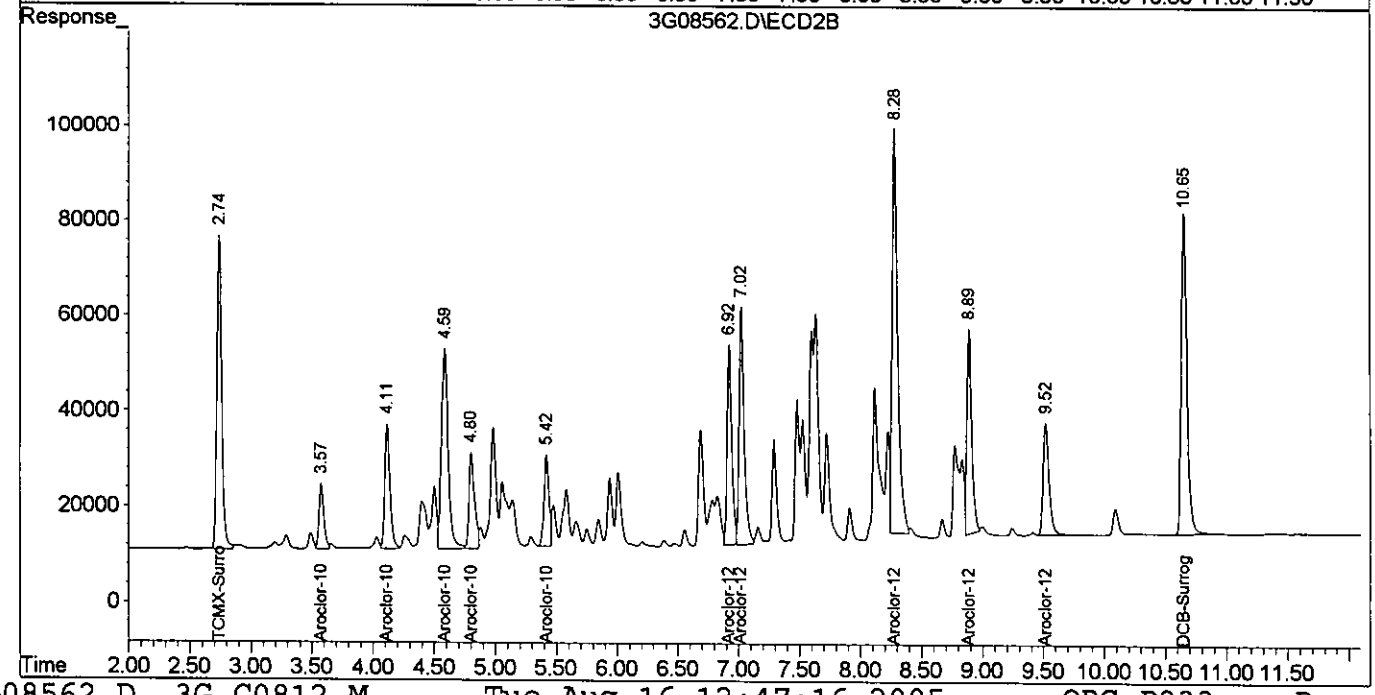
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08562.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08562.D\ECD2B.CH
Acq On : 12 Aug 2005 15:25 Operator: JK
Sample : CAL 1660@1000PPB Inst : GC_3
Misc : S,PCB:0.5 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 15:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: SMB734B
Client Id:
Data File: 3G08542.D
Analysis Date: 08/12/05 09:57
Date Rec/Extracted: NA-08/11/05

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

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.025	U	12672-29-6	Aroclor-1248	0.025	U
11104-28-2	Aroclor-1221	0.025	U	11097-69-1	Aroclor-1254	0.025	U
11141-16-5	Aroclor-1232	0.025	U	11096-82-5	Aroclor-1260	0.025	U
53469-21-9	Aroclor-1242	0.025	U				

Worksheet #: 18329

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08542.D\ECD1A.CH Vial: 43
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08542.D\ECD2B.CH
Acq On : 12 Aug 2005 9:57 Operator: JK
Sample : SMB734B Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 10:11 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	701331	1610588	108.538	97.339
35)	DCB-Surrogate	10.09	10.64	768190	2177371	104.983	100.855

08/15/05

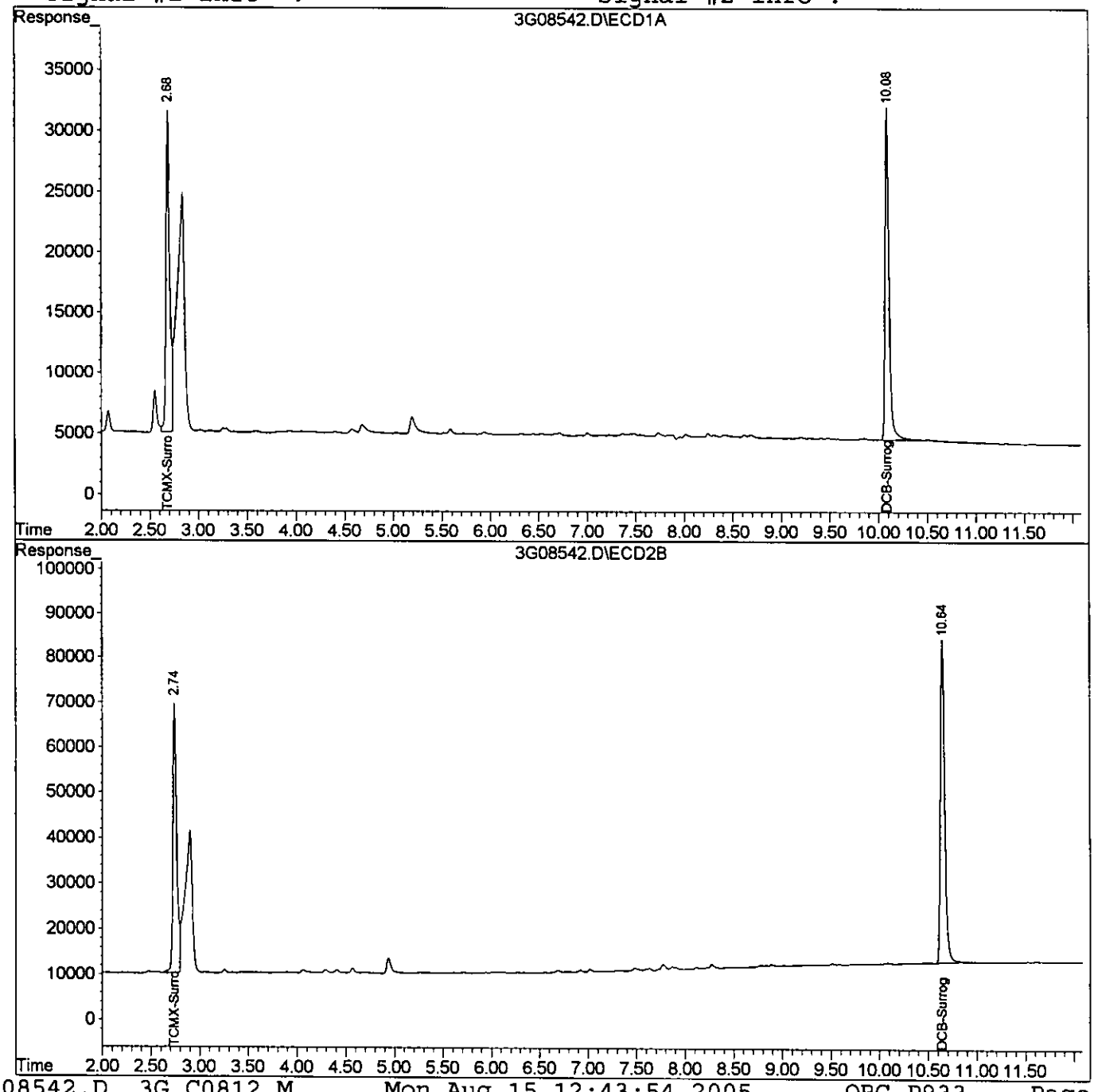
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08542.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08542.D\ECD2B.CH
Acq On : 12 Aug 2005 9:57 Operator: JK
Sample : SMB734B Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 10:11 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



FORM 3

Spike Recovery

Batch Number: SMB734B
Mbs Name: SMB734B(MS)
Ns Name: AC18847-002
Ms Name: AC18847-002(MS)
Msd Name: AC18847-002(MSD

Mbs File: 3G08543.D
Non Spk'd File: 3G08547.D
Spike File: 3G08548.D
Spike Dup File: 3G08549.D
Matrix: Soil
Method: 8082

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
Aroclor-1016	1	0	1000	29	131	40	858.15	0.00	1047.09	1037.93	86	105	104	0.88
Aroclor-1260	1	0	1000	29	131	40	934.27	225.44	1110.23	1120.03	93	88	89	0.88

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\08-12-05\3G08543.D\ECD1A.CH Vial: 54
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08543.D\ECD2B.CH
Acq On : 12 Aug 2005 10:14 Operator: JK
Sample : SMB734B(MS) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 10:32 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	548178	1327900	84.836	80.255
2)	Aroclor-1016 {1}	3.43	3.57	131886	275974	823.261	810.600
3)	Aroclor-1016 {2}	3.91	4.11	259118	595600	840.010	845.009
4)	Aroclor-1016 {3}	4.50	4.58	531375	1240988	835.864	811.745
5)	Aroclor-1016 {4}	4.67	4.80	247165	473883	913.130	844.697
6)	Aroclor-1016 {5}	4.94	5.42	376854	421367	878.474	840.150
7)	Aroclor-1260 {1}	6.71	6.92	353497	917374	897.406	842.235
8)	Aroclor-1260 {2}	7.00	7.02	498676	1146531	912.395	865.030
9)	Aroclor-1260 {3}	7.88	8.27	304973	2242796	936.524	928.032
10)	Aroclor-1260 {4}	8.24	8.89	802834	992873	965.285	938.359
11)	Aroclor-1260 {5}	8.69	9.52	531986	658222	959.719	957.014
35)	DCB-Surrogate	10.09	10.65	693846	1984958	94.822	91.942

08/16/0

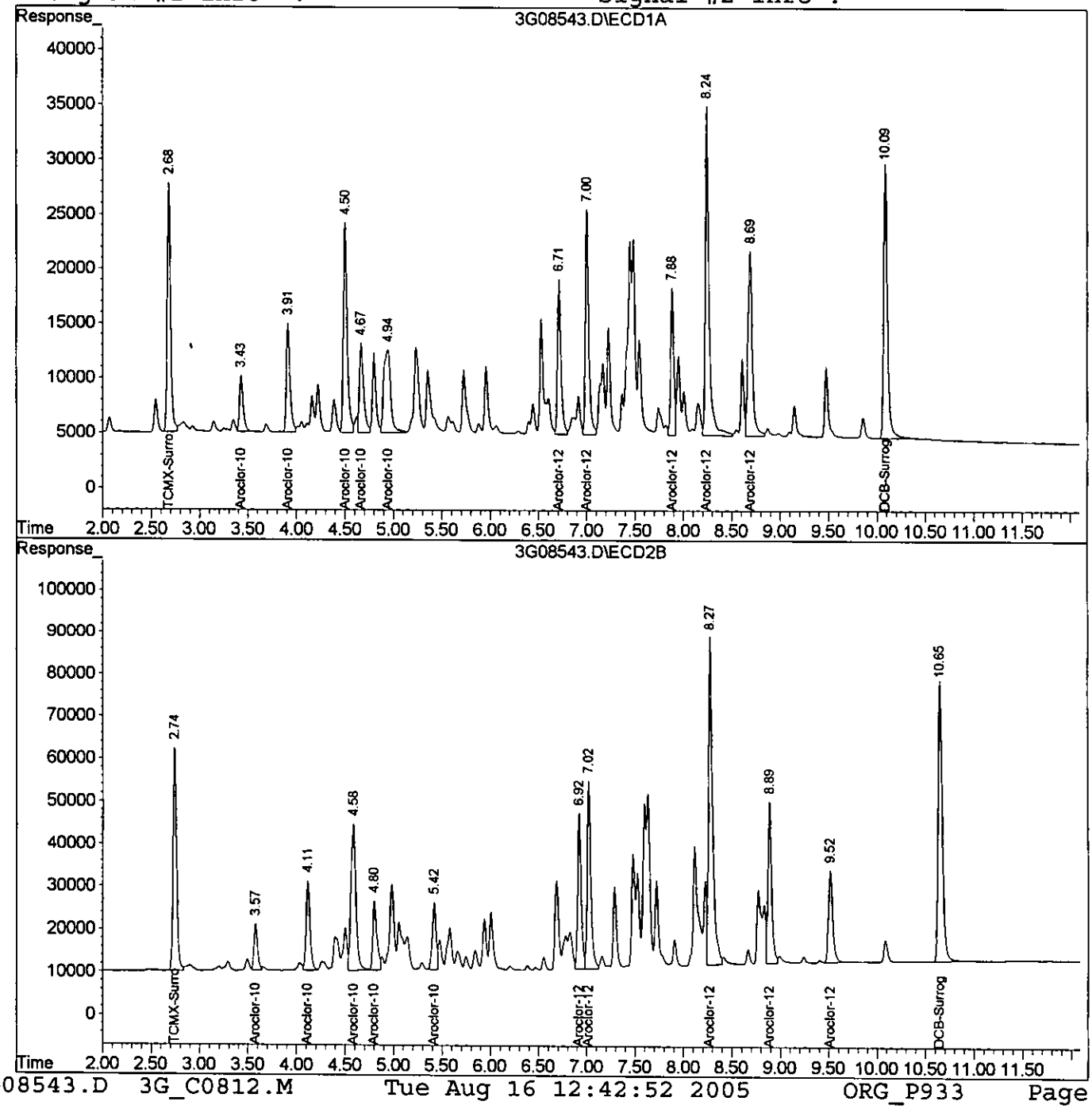
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08543.D\ECD1A.CH Vial: 4
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08543.D\ECD2B.CH
Acq On : 12 Aug 2005 10:14 Operator: JK
Sample : SMB734B(MS) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 10:32 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08548.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08548.D\ECD2B.CH
Acq On : 12 Aug 2005 11:36 Operator: JK
Sample : AC18847-002(MS) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 11:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	602087	1461037	93.179	88.301
2)	Aroclor-1016 {1}	3.44	3.57	242560	286453	1514.117	841.379 #
3)	Aroclor-1016 {2}	3.91	4.11	283869	597229	920.248	847.621
4)	Aroclor-1016 {3}	4.50	4.58	576585	1296304	906.980	847.928
5)	Aroclor-1016 {4}	4.67	4.80	268894	489804	993.406	873.077
6)	Aroclor-1016 {5}	4.94	5.42	386393	474048	900.709	945.190
7)	Aroclor-1260 {1}	6.71	6.92	419535	1030305	1065.054	945.917
8)	Aroclor-1260 {2}	7.00	7.01	628279	1304060	1149.522	983.881
9)	Aroclor-1260 {3}	7.88	8.27	352896	2788692	1083.687m	1153.914
10)	Aroclor-1260 {4}	8.24	8.89	938307	1246904	1128.170m	1178.443
11)	Aroclor-1260 {5}	8.69	9.51	623440	822316	1124.704m	1195.597
35)	DCB-Surrogate	10.09	10.64	723459	2447808	98.869	113.381m

8/16/05

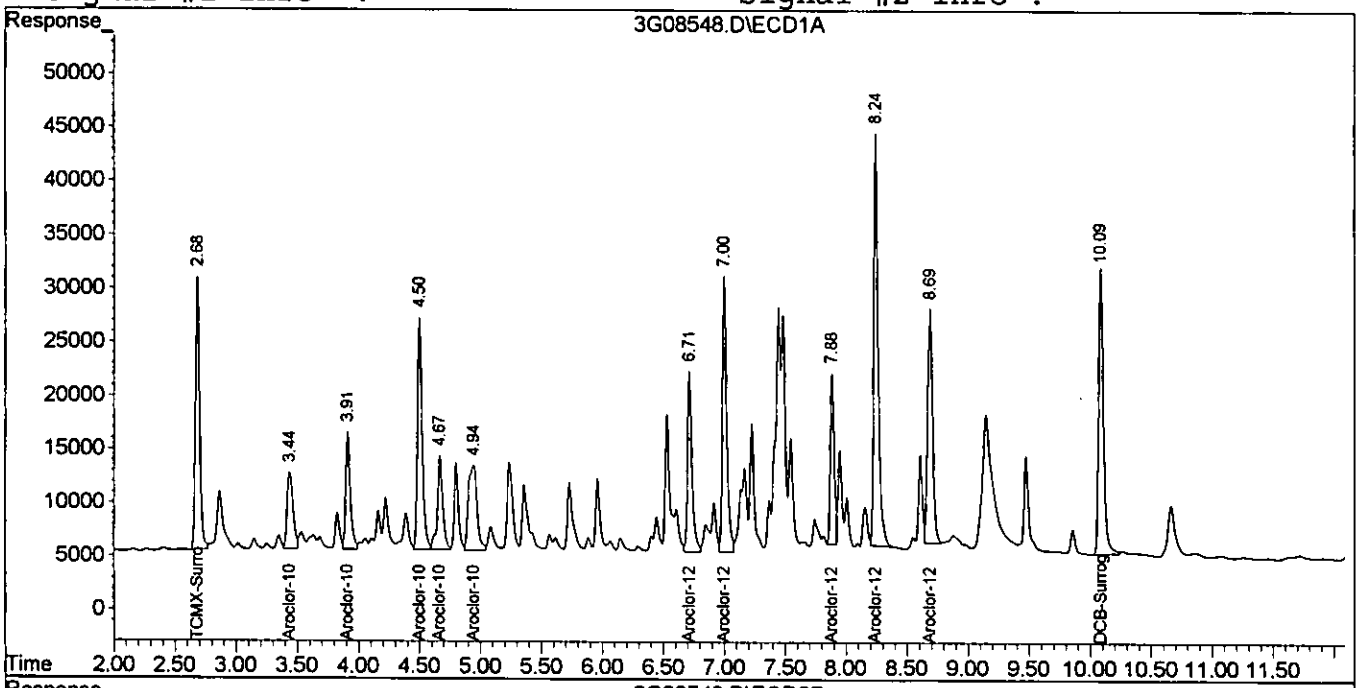
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

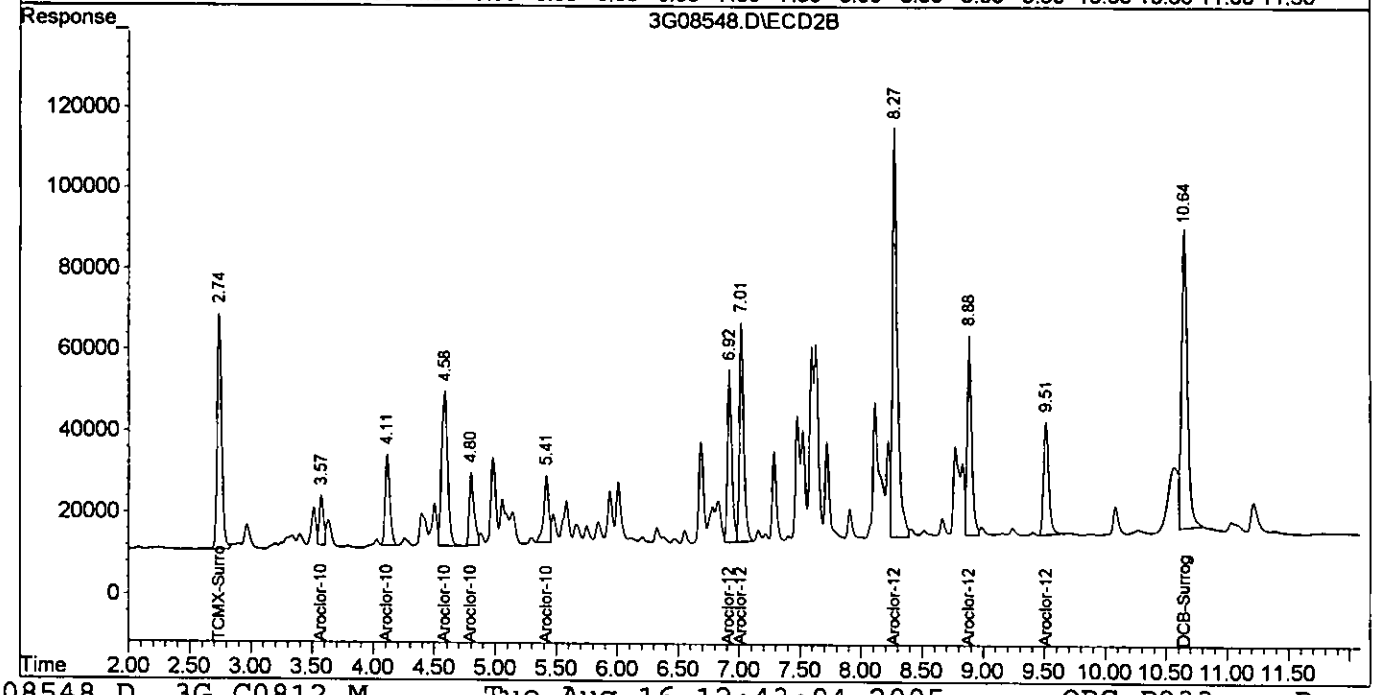
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08548.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08548.D\ECD2B.CH
Acq On : 12 Aug 2005 11:36 Operator: JK
Sample : AC18847-002(MS) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 11:45 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08549.D\ECD1A.CH Vial: 20
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08549.D\ECD2B.CH
Acq On : 12 Aug 2005 11:52 Operator: JK
Sample : AC18847-002(MSD) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 12:03 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Initial Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.68	2.74	617699	1501255	95.595	90.732	
2)	Aroclor-1016 {1}	3.44	3.57	229749	299896	1434.148m	880.862	#
3)	Aroclor-1016 {2}	3.91	4.11	287949	610611	933.473	869.113	
4)	Aroclor-1016 {3}	4.50	4.59	584626	1319718	919.629	863.243	
5)	Aroclor-1016 {4}	4.67	4.80	269856	499702	996.960	890.719	
6)	Aroclor-1016 {5}	4.94	5.42	388426	500593	905.449	998.115	
7)	Aroclor-1260 {1}	6.71	6.92	417640	1047021	1060.243	961.263	
8)	Aroclor-1260 {2}	7.00	7.02	637349	1343337	1166.117	1013.514	
9)	Aroclor-1260 {3}	7.88	8.27	353686	2804867	1086.114m	1160.607	
10)	Aroclor-1260 {4}	8.24	8.89	964782	1250115	1160.003m	1181.478	
11)	Aroclor-1260 {5}	8.69	9.52	625084	841374	1127.670m	1223.305	
35)	DCB-Surrogate	10.09	10.65	748209	1557980	102.252	72.165	#

08/16/01

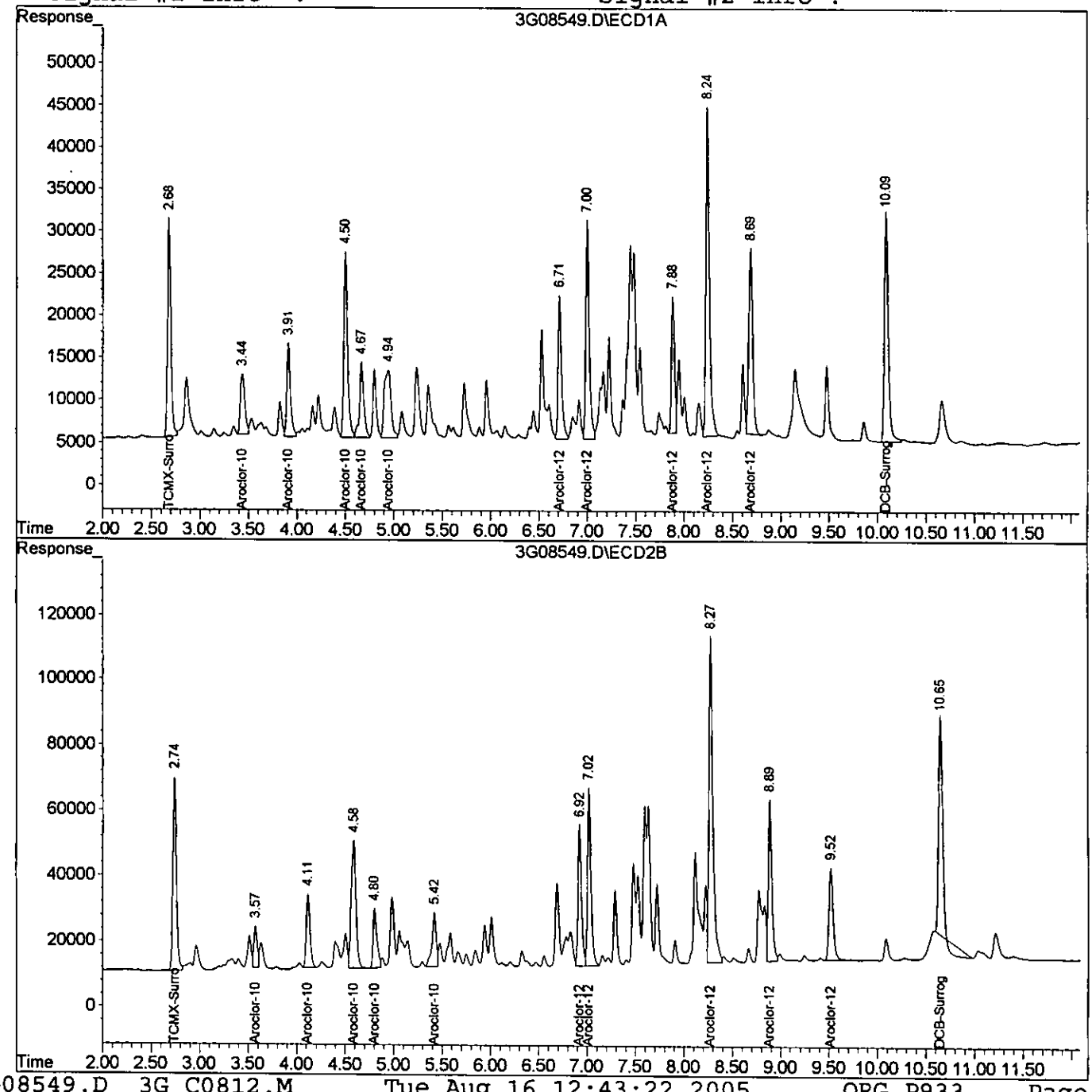
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08549.D\ECD1A.CH Vial: 20
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-12-05\3G08549.D\ECD2B.CH
Acq On : 12 Aug 2005 11:52 Operator: JK
Sample : AC18847-002(MSD) Inst : GC_3
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Aug 12 12:03 2005 Quant Results File: 3G_C0812.RES

Quant Method : G:\GCDATA\2005\GC_3\METHODS\3G_C0812.M (Chemstation Integr
Title : @GC_3,ug,608,8082
Last Update : Fri Aug 12 10:10:36 2005
Response via : Multiple Level Calibration
DataAcq Meth : 3G_808R.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



GC PCB Data
Extraction/Logbook Data

Method Blank No. SMB- 734B
Blank Spike (SMBS): 733B, 734B PEST
Blank Spike (SMBS): 733B, 734B PCB

Date: 8/11/05
Matrix Spike: 18916-009, 18916-010, 18893-001
Matrix Spike: 18916-009, 18916-010, 18847-002

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 734B	X	X			20g	10.0ml	GN / 1 / RACK # 27A
MBS 734B	X	X					/ 2,3 /
18888-006	15	18					/ 10 /
18888-007	16	19					/ 11 /
18888-008	17	20					/ 12 /
18847-002MS		X					/ 7 /
18847-002 MSD		X					/ 8 /
18847-002		1					/ 9 /
18847-007		2					/ 13 /
18888-009	18	3					/ 14 /
19001-004		4					/ 15 /
18872-005		5					/ 16 /
18893-003	19	6					/ 17 /
18893-006	20	7					/ 18 /
18893-001 MS	X						/ 4 /
18893-001 MSD	X						/ 5 /
18893-001	1	8					/ 6 /
18922-006		9					/ 19 /
19023-002	2	10					/ 20 /
19023-004	3	11					/ 21 /
19023-006	4	12					/ 22 /
19026-002	5	13					/ 23 /
19027-001		14					PM / 1 / PM RACK 15
19027-002		15					/ 2 /
							/ /
							/ /
							/ /
							/ /
							/ /
							/ /
							/
							/

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

Spike Standard

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

Surrogate Standard

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

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

Relinquished By: GKN / PM
Received By: Kesici

Date: 8/11/05
Date: 8/12/05

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	8000 End Cal	BlkFile
08530.	CAL EVAL				Soil	1	1	8081	08/12 06:41	3G08334				
08531.	CALPEST@100PPB	C16C26DNC			Soil	0.5	1	608 8081	08/12 06:58	3G08334				
3G08532.	CAL 1660@50PPB	I16I26			Soil	1	1	608 8082	08/12 07:14	3G08532				
3G08533.	CAL 1660@200PPB	I16I26			Soil	1	1	608 8082	08/12 07:30	3G08532				
3G08534.	CAL 1660@500PPB	I16I26			Soil	1	1	608 8082	08/12 07:47	3G08532				
3G08535.	CAL 1660@1000PPB	I16I26			Soil	1	1	608 8082	08/12 08:03	3G08532				
3G08536.	CAL 1660@2000PPB	I16I26			Soil	1	1	608 8082	08/12 08:19	3G08532				
3G08537.	CAL 1660@4000PPB	I16I26			Soil	1	1	608 8082	08/12 08:36	3G08532				
3G08538.	CAL 2154@500PPB	I16I26			Soil	1	1	608 8082	08/12 08:52	3G08532				
3G08539.	CAL 1248@500PPB	I16I26			Soil	1	1	608 8082	08/12 09:08	3G08532				
3G08540.	CAL 1242@500PPB	I16I26			Soil	1	1	608 8082	08/12 09:25	3G08532				
3G08541.	CAL 1232@500PPB	I16I26			Soil	1	1	608 8082	08/12 09:41	3G08532				
3G08542.	SMB734B				Soil	1	1	8082	08/12 09:57	3G08532		3G08532	3G08562	
3G08543.	SMB734B(MS)		SMB734B		Soil	1	1	8082	08/12 10:14	3G08532		3G08532	3G08562	
3G08544.	AC19027-001			PCB-8082	Soil	1	1	8082	08/12 10:30	3G08532		3G08532	3G08562	
3G08545.	AC19027-002			PCB-8082	Soil	1	1	8082	08/12 10:47	3G08532		3G08532	3G08562	
3G08546.	AC19001-004			PCB-8082	Soil	1	1	8082	08/12 11:03	3G08532		3G08532	3G08562	
3G08547.	AC18847-002		SMB734B	PCB-8082	Soil	1	1	8082	08/12 11:19	3G08532		3G08532	3G08562	
3G08548.	AC18847-002(MS)		SMB734B	PCB-8082	Soil	1	1	8082	08/12 11:36	3G08532		3G08532	3G08562	
3G08549.	AC18847-002(MSD)		SMB734B	PCB-8082	Soil	1	1	8082	08/12 11:52	3G08532		3G08532	3G08562	
3G08550.	AC19001-004			PCB-8082	Soil	1	1	8082	08/12 12:08	3G08532		3G08532	3G08562	
3G08551.	AC18888-007			PCB-8082	Soil	1	1	8082	08/12 12:25	3G08532		3G08532	3G08562	
3G08552.	AC18888-008			PCB-8082	Soil	1	1	8082	08/12 12:41	3G08532		3G08532	3G08562	
3G08553.	AC18888-009			PCB-8082	Soil	1	1	8082	08/12 12:57	3G08532		3G08532	3G08562	
3G08554.	AC18847-007			PCB-8082	Soil	1	1	8082	08/12 13:14	3G08532		3G08532	3G08562	
3G08555.	AC18872-005			PCB-8082	Soil	1	1	8082	08/12 13:30	3G08532		3G08532	3G08562	
3G08556.	AC18893-003			PCB-8082	Soil	1	1	8082	08/12 13:47	3G08532		3G08532	3G08562	
3G08557.	AC18893-006			PCB-8082	Soil	1	1	8082	08/12 14:03	3G08532		3G08532	3G08562	
3G08558.	AC18893-001			PCB-8082	Soil	1	1	8082	08/12 14:19	3G08532		3G08532	3G08562	
3G08559.	AC18922-006			PCB-8082	Soil	1	1	8082	08/12 14:36	3G08532		3G08532	3G08562	
3G08560.	AC19023-002			PCB-8082	Soil	1	1	8082	08/12 14:52	3G08532		3G08532	3G08562	
3G08561.	AC19023-004			PCB-8082	Soil	1	1	8082	08/12 15:09	3G08532		3G08532	3G08562	
3G08562.	CAL 1660@1000PPB	I16I26			Soil	0.5	1	608 8082	08/12 15:25	3G08532				
3G08563.	SMB735B				Soil	1	1	8082	08/12 15:45	3G08532		3G08562	3G08572	
3G08564.	SMB735B(MS)		SMB735B		Soil	1	1	8082	08/12 16:01	3G08532		3G08562	3G08572	
3G08565.	AC18922-009			PCB-8082	Soil	1	1	8082	08/12 16:17	3G08532		3G08562	3G08572	
3G08566.	AC18922-011			PCB-8082	Soil	1	1	8082	08/12 16:34	3G08532		3G08562	3G08572	
3G08567.	AC19029-001			PCB-8082	Soil	1	1	8082	08/12 16:50	3G08532		3G08562	3G08572	
3G08568.	AC19029-002			PCB-8082	Soil	1	1	8082	08/12 17:07	3G08532		3G08562	3G08572	
3G08569.	AC18888-006			PCB-8082	Soil	1	1	8082	08/12 17:23	3G08532		3G08562	3G08572	
3G08570.	AC19023-006			PCB-8082	Soil	1	1	8082	08/12 17:40	3G08532		3G08562	3G08572	
3G08571.	AC19026-002			PCB-8082	Soil	1	1	8082	08/12 17:56	3G08532		3G08562	3G08572	
3G08572.	CAL 1660@1000PPB	I16I26			Soil	0.5	1	608 8082	08/12 18:13	3G08532				
3G08573.		IsCnSnc	Not Quant'd											
3G08574.		IsCnSnc	Not Quant'd											

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
Cnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C1	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C1	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C2	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)
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	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 Calbration
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 modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in TxtLoc field

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/04
Expiration Date: 9/30/05
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-2874

Prepared By: Korytova, Jaroslava
Description: 1232 INTERM
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber: B-331
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
813	Aroclor 1232	100 ul	1000 ppm	100 ppm
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm
478	HEXANE	850 ul	NEAT	

Veritech Lot Number: V-2875

Prepared By: Korytova, Jaroslava
Description: 1242 inter
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
814	Aroclor 1242	100 ul	1000 ppm	100 ppm
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm
478	HEXANE	850 ul	NEAT	

Veritech Lot Number: V-2876

Prepared By: Korytova, Jaroslava
Description: 1248 inter
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
815	Aroclor 1248	100 ul	1000 ppm	100 ppm
478	HEXANE	850 ul	NEAT	
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-2877

Prepared By: Korytova, Jaroslava
Description: 2154 inter
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
816	Aroclor 1254	100 ul	1000 ppm	100 ppm
833	Aroclor 1221	100 ul	1000 ppm	100 ppm
478	HEXANE	750 ul	NEAT	
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-2878

Prepared By: Korytova, Jaroslava
Description: 1232 ws
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
478	HEXANE	9900 ul	NEAT	
V-2874	1232 INTERM	100 ul	100 ppm	500 ppb

Veritech Lot Number: V-2879

Prepared By: Korytova, Jaroslava
Description: 1242 ws
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
478	HEXANE	9900 ul	NEAT	
V-2875	1242 inter	100 ul	100 ppm	500 ppb

Veritech Lot Number: V-2880

Prepared By: Korytova, Jaroslava
Description: 1248 ws
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
478	HEXANE	9950 ul	NEAT	
V-2876	1248 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-2882

Prepared By: Korytova, Jaroslava
Description: 2154 ws
Prep Date: 5/3/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
478	HEXANE	9950 ul	NEAT	
V-2877	2154 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-3166

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

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

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4707

Prepared By: Quimby, Richard
Description: PCB Spike
Prep Date: 7/8/05
Expiration Date: 1/7/06
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
950	Acetone	8 ml	Neat	
1074	AROCLOR 1016	1 ml	1000 ppm	100 ppm
1075	AROCLOR 1260	1 ml	1000 ppm	100 ppm

Veritech Lot Number: V-4986

Prepared By: Desai, Kinjal
Description: 1660-INTERMEDIATE
Prep Date: 7/20/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber: B-527
Concentration: 100PPM
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
817	Aroclor 1260	100 ul	1000 ppm	100 ppm
V-210	PEST/PCB SURR	50 ul	200PPM	100 ppm
802	n-Hexane	750 ul		neat
855	Aroclor 1016	100 ul	1000 ppm	100 ppm

Veritech Lot Number: V-4987

Prepared By: Desai, Kinjal
Description: CAL 1660@4000PPB
Prep Date: 7/20/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber: B-527
Concentration: 4000 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	400 ul	100PPM	4000 ppb
802	n-Hexane	9600 ul		neat

Veritech Lot Number: V-4988

Prepared By: Desai, Kinjal
Description: CAL 1660@2000PPB
Prep Date: 7/20/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber: B-527
Concentration: 2000 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	200 ul	100PPM	2000 ppb
802	n-Hexane	9800 ul		neat

Veritech Lot Number: V-4989

Prepared By: Desai, Kinjal
Description: CAL 1660@1000PPB
Prep Date: 7/20/05
Expiration Date: 9/30/05
Department: Organics
BatchNumber: B-527
Concentration: 1000 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	100 ul	100PPM	1000 ppb
802	n-Hexane	9900 ul		neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4990

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	CAL 1660@500PPB	BatchNumber:	B-527
Prep Date:	7/20/05	Concentration:	500 ppb
Expiration Date:	9/30/05	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	50 ul	100PPM	500 ppb
802	n-Hexane	9950 ul		neat

Veritech Lot Number: V-4991

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	CAL 1660@200PPB	BatchNumber:	B-527
Prep Date:	7/20/05	Concentration:	200 ppb
Expiration Date:	9/30/05	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	20 ul	100PPM	200 ppb
802	n-Hexane	9980 ul		neat

Veritech Lot Number: V-4992

Prepared By:	Desai, Kinjal	Department:	Organics
Description:	CAL 1660@50PPB	BatchNumber:	B-527
Prep Date:	7/20/05	Concentration:	50 ppb
Expiration Date:	9/30/05	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4986	1660-INTERMEDIATE	5 ul	100PPM	50 ppb
802	n-Hexane	9995 ul		neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 478

Description
HEXANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	H300-4	023660	07/14/03	01/04/07	Yarka	1	4L	NEAT	

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: 813

Description
Aroclor 1232

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-4805	lb21183	10/15/04	03/31/07	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 814

Description
Aroclor 1242

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-4806	lb18566	10/15/04	03/31/07	jean	1	1ml	1000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 815

Description
Aroclor 1248

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-4807	lb14850	10/15/04	09/30/06	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 816

Description
Aroclor 1254

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-4808	lb19887	10/15/04	04/30/07	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 817

Description
Aroclor 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-4809	lb20748	10/15/04	06/30/07	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 833

Description
Aroclor 1221

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-8098	lb19357	10/20/04	03/31/07	jean	1	1ml	1000	ppm

Veritech Control/Receipt Number: 855

Description
Aroclor 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
supelco	4-8097	lb20874	11/11/04	06/30/07	jean	1	1ml	1000	ppm

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: 1074

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B3100245	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1075

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B3060001	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

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-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-5452

Prepared By:	Quimby, Richard	Department:	Organics
Description:	PCB SPK	BatchNumber:	
Prep Date:	8/1/05	Concentration:	100 ppm
Expiration Date:	1/31/06	Final Volume:	10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1074	AROCLOR 1016	1 ml	1000 ppm	100 ppm
1075	AROCLOR 1260	1 ml	1000 ppm	100 ppm
950	Acetone	8 ml	Neat	

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: 1074

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B3100245	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

Veritech Control/Receipt Number: 1075

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B3060001	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

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

Veritech Lot Number: V-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-5452

Prepared By: Quimby, Richard
Description: PCB SPK
Prep Date: 8/1/2005
Expiration Date: 1/31/2006
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1074	AROCLOR 1016	1 ml	1000 ppm	100 ppm
1075	AROCLOR 1260	1 ml	1000 ppm	100 ppm
950	Acetone	8 ml	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: 1074

Description
AROCLOR 1016

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B3100245	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

Veritech Control/Receipt Number: 1075

Description
AROCLOR 1260

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B3060001	03/29/05	03/28/08	Revolus, Jean	5	1ml	1000	PPM

GC Pesticide Data

GC Pesticide Data
QC Summary

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3G08511.	SMB733B	Soil	1		81	78	76	74		
5G03522.	SMB734B	Soil	1		89	88	116	107		
5G03524.	AC18893-001	Soil	1		92	91	130	129		
5G03527.	AC18893-003	Soil	1		99	99	77	145		
5G03528.	AC18893-006	Soil	1		89	88	101	107		
3G08512.	SMB733B(MS)	Soil	1		79	77	82	78		
3G08514.	AC18916-009(MS:AC	Soil	1		80	77	81	96		
3G08515.	AC18916-010(MSD:A	Soil	1		72	66	69	71		
5G03523.	SMB734B(MS)	Soil	1		82	81	110	101		
5G03525.	AC18893-001(MS)	Soil	1		91	89	92	98		
5G03526.	AC18893-001(MSD)	Soil	1		94	87	77	84		

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

FORM 3
Spike Recovery

Batch Number: SMB733B
Mbs Name: SMB733B(MS)
Ns Name: AC18916-008
Ms Name: AC18916-009(MS:
Msd Name: AC18916-010(MSD

Mbs File: 3G08512.D
Non Spk'd File: 3G08513.D
Spike File: 3G08514.D
Spike Dup File: 3G08515.D
Matrix: Soil
Method: 8081

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

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3
Spike Recovery

Batch Number: SMB734B
Mbs Name: SMB734B(MS)
Ns Name: AC18893-001
Ms Name: AC18893-001(MS)
Msd Name: AC18893-001(MSD

Mbs File: 5G03523.D
Non Spk'd File: 5G03524.D
Spike File: 5G03525.D
Spike Dup File: 5G03526.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	95.98	0.00	103.49	107.44	96	103	107	3.7
Heptachlor	1	0	100	35	130	31	99.57	0.00	106.21	103.79	100	106	104	2.3
Aldrin	1	0	100	34	132	43	100.87	0.00	100.95	106.41	101	101	106	5.3
Dieldrin	1	0	100	31	134	38	115.45	0.00	144.71	159.32	115	145 Mo	159 Mo	9.6
Endrin	1	0	100	42	139	45	117.69	0.00	146.37	160.97	118	146 Mo	161 Mo	9.5
p,p'-DDT	1	0	100	23	134	50	127.66	82.78	183.75	201.20	128	101	118	9.1

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: SMB733B
Blank Data File: 3G08511.D
Matrix: Soil

Blank Analysis Date: 08/10/05 07:19
Blank Extraction Date: 08/09/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18916-010(MSD	3G08515.D	08/10/05 08:25
AC18916-009(MS:	3G08514.D	08/10/05 08:08
SMB733B(MS)	3G08512.D	08/10/05 07:36

FORM 4
Blank Summary

Blank Number: SMB734B
Blank Data File: 5G03522.D
Matrix: Soil

Blank Analysis Date: 08/12/05 08:17
Blank Extraction Date: 08/11/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-001	5G03524.D	08/12/05 08:55
AC18893-003	5G03527.D	08/12/05 09:51
AC18893-006	5G03528.D	08/12/05 10:10
AC18893-001(MSD	5G03526.D	08/12/05 09:32
AC18893-001(MS)	5G03525.D	08/12/05 09:14
SMB734B(MS)	5G03523.D	08/12/05 08:36

Form 5

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

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

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

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G08504.	CAL EVAL	08/10/05 05:14	Soil					
3G08505.	CALPEST@100PPB	08/10/05 05:31	Soil	3G08505.	10.0886	0	10.6462	0
3G08506.	SMB732B	08/10/05 05:58	Soil	3G08505.	10.0927	0.0406	10.6462	0
3G08507.	SMB732B(MS)	08/10/05 06:14	Soil	3G08505.	10.0879	0.0069	10.6468	0.0056
3G08508.	AC18825-004	08/10/05 06:30	Soil	3G08505.	10.0854	0.0317	10.6476	0.0131
3G08509.	AC18830-018	08/10/05 06:46	Soil	3G08505.	10.0868	0.0178	10.6467	0.0047
3G08510.	AC18830-021	08/10/05 07:03	Soil	3G08505.	10.0868	0.0178	10.6467	0.0047
3G08511	SMB733B	08/10/05 07:19	Soil	3G08505	10.0878	0.0079	10.6469	0.0066
3G08512	SMB733B(MS)	08/10/05 07:36	Soil	3G08505	10.0871	0.0149	10.6459	0.0028
3G08513	AC18916-008	08/10/05 07:52	Soil	3G08505	10.0861	0.0248	10.6460	0.0019
3G08514	AC18916-009(MS:AC189	08/10/05 08:08	Soil	3G08505	10.0882	0.004	10.6452	0.0094
3G08515.	AC18916-010(MSD:AC1	08/10/05 08:25	Soil	3G08505.	10.0853	0.0327	10.6452	0.0094
3G08516.	AC18916-022	08/10/05 08:41	Soil	3G08505.	10.0864	0.0218	10.6456	0.0056
3G08517.	AC18873-005	08/10/05 08:57	Soil	3G08505.	10.0909	0.0228	10.6482	0.0188
3G08518.	AC18873-008	08/10/05 09:14	Soil	3G08505.	10.0894	0.0079	10.6480	0.0169
3G08519.	AC18873-009	08/10/05 09:30	Soil	3G08505.	10.0898	0.0119	10.6467	0.0047
3G08520.	AC18873-015	08/10/05 09:47	Soil	3G08505.	10.0942	0.0555	10.6535	0.0685
3G08521.	AC18873-018	08/10/05 10:03	Soil	3G08505.	10.0945	0.0585	10.6537	0.0704
3G08522.	AC18888-002	08/10/05 10:19	Soil	3G08505.	10.0936	0.0495	10.6500	0.0357
3G08523.	AC18888-003	08/10/05 10:36	Soil	3G08505.	10.0930	0.0436	10.6530	0.0638
3G08524.	AC18888-004	08/10/05 10:52	Soil	3G08505.	10.0964	0.0773	10.6558	0.0901
3G08525	AC18888-005	08/10/05 11:09	Soil	3G08505	10.0947	0.0604	10.6545	0.0779
3G08526	50PPB	08/10/05 11:49	Soil	3G08505	10.0899	0.0129	10.6467	0.0047
3G08527	CAL PEST@50PPB	08/10/05 12:05	Soil	3G08505	10.0895	0.0089	10.6466	0.0038

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G03517.	CAL EVAL	08/12/05 06:39	Aqueous					
5G03518.	CAL PEST@10PPB	08/12/05 06:58	Aqueous	5G03518.	13.8975	0	14.3124	0
5G03519.	WMB2315	08/12/05 07:21	Aqueous	5G03518.	13.8975	0	14.3098	0.0182
5G03520.	WMB2315(MS)	08/12/05 07:39	Aqueous	5G03518.	13.8951	0.0173	14.3095	0.0203
5G03521.	AC19001-004(T)	08/12/05 07:58	Aqueous	5G03518.	13.8951	0.0173	14.3105	0.0133
5G03522.	SMB734B	08/12/05 08:17	Soil	5G03518.	13.8949	0.0187	14.3101	0.0161
5G03523.	SMB734B(MS)	08/12/05 08:36	Soil	5G03518.	13.8945	0.0216	14.3101	0.0161
5G03524.	AC18893-001	08/12/05 08:55	Soil	5G03518.	13.8955	0.0144	14.3110	0.0098
5G03525.	AC18893-001(MS)	08/12/05 09:14	Soil	5G03518.	13.8957	0.0129	14.3116	0.0056
5G03526.	AC18893-001(MSD)	08/12/05 09:32	Soil	5G03518.	13.8961	0.0101	14.3115	0.0063
5G03527.	AC18893-003	08/12/05 09:51	Soil	5G03518.	13.8970	0.0036	14.3132	0.0056
5G03528.	AC18893-006	08/12/05 10:10	Soil	5G03518.	13.8965	0.0072	14.3128	0.0028
5G03529.	AC19026-002	08/12/05 10:29	Soil	5G03518.	13.8951	0.0173	14.3109	0.0105
5G03530.	AC19023-006	08/12/05 10:48	Soil	5G03518.	13.8972	0.0022	14.3136	0.0084
5G03531.	AC19023-002	08/12/05 11:07	Soil	5G03518.	13.8957	0.0129	14.3110	0.0098
5G03532.	AC19023-004	08/12/05 11:25	Soil	5G03518.	13.8952	0.0166	14.3116	0.0056
5G03533.	AC18888-009	08/12/05 11:44	Soil	5G03518.	13.8953	0.0158	14.3094	0.021
5G03534.	AC18888-008	08/12/05 12:03	Soil	5G03518.	13.8947	0.0201	14.3108	0.0112
5G03535.	AC18888-006	08/12/05 12:22	Soil	5G03518.	13.8952	0.0166	14.3110	0.0098
5G03536.	AC18888-007	08/12/05 12:41	Soil	5G03518.	13.8957	0.0129	14.3115	0.0063
5G03537.	AC19023-006(10X)	08/12/05 13:00	Soil	5G03518.	13.8939	0.0259	14.3103	0.0147
5G03538.	AC18918-001	08/12/05 13:18	Soil	5G03518.	13.8950	0.018	14.3125	0.0007
5G03539.	CAL PEST@100PPB	08/12/05 14:39	Soil	5G03518.	13.9001	0.0187	14.3128	0.0028

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

GC Pesticide Data
Sample Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 5G03524.D
Analysis Date: 08/12/05 08:55
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	**Chlordane**	**0.011**	**0.047**	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	**72-54-8**	**p,p'-DDD**	**0.0053**	**0.040**
33213-65-9	Endosulfan II	0.0053	U	**72-55-9**	**p,p'-DDE**	**0.0053**	**0.020**
1031-07-8	Endosulfan Sulfate	0.0053	U	**50-29-3**	**p,p'-DDT**	**0.0053**	**0.050**
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 18297

Total Target Concentration 0.157

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\08-12-05\5G03524.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03524.D\ECD2B.CH
Acq On : 8-12-05 8:55:22 Operator: JK
Sample : AC18893-001 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 9:16 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	708.3E6	617.8E6	92.176	90.613
12)	p,p'-DDE	10.50	10.41	266.1E6	236.0E6	37.888	38.581m
15)	p,p'-DDD	11.41	11.07	326.8E6	214.2E6	76.150m	57.446m
17)	p,p'-DDT	11.61	11.44	325.6E6	391.7E6	82.778	95.328m
22)	DCB-Surrogate	13.90	14.31	894.5E6	801.1E6	129.861	129.341m
24)	Chlordane {2}	10.36	9.94	61245619	119.9E6	82.741	89.900
25)	Chlordane {3}	10.42	10.14	93913423	46359626	82.729m	87.879

08/16/01

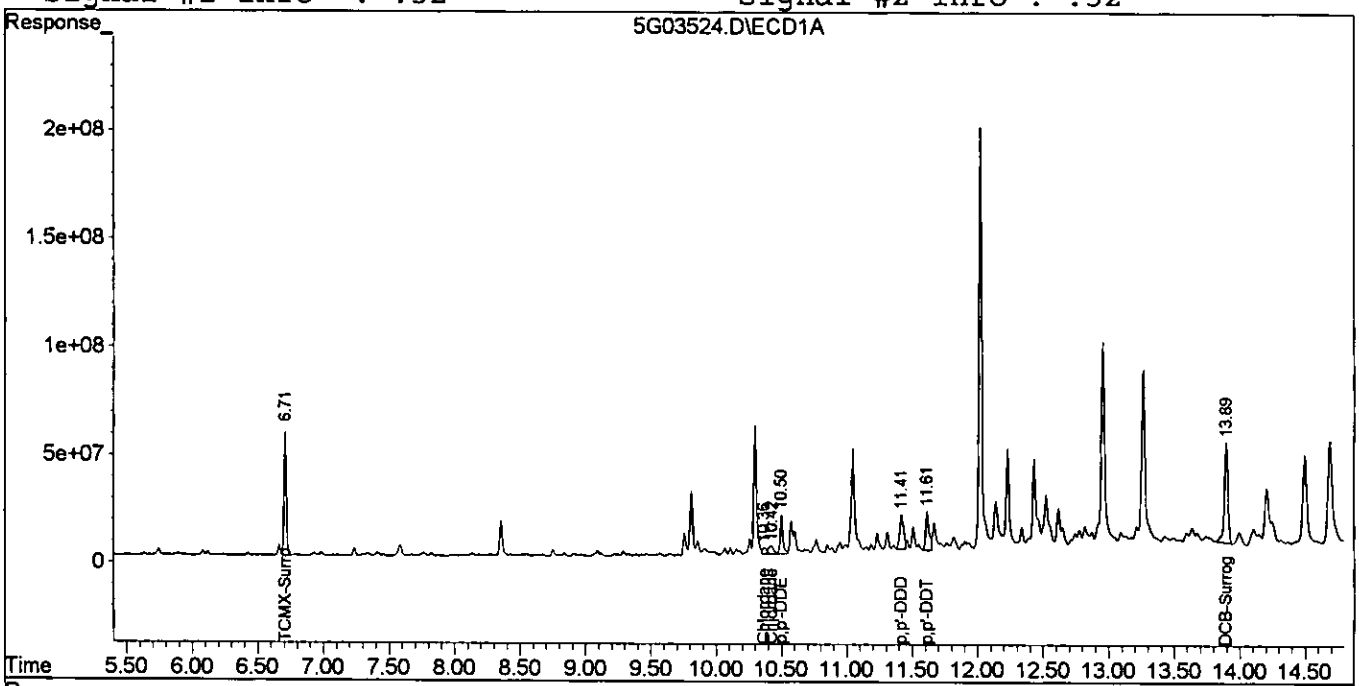
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

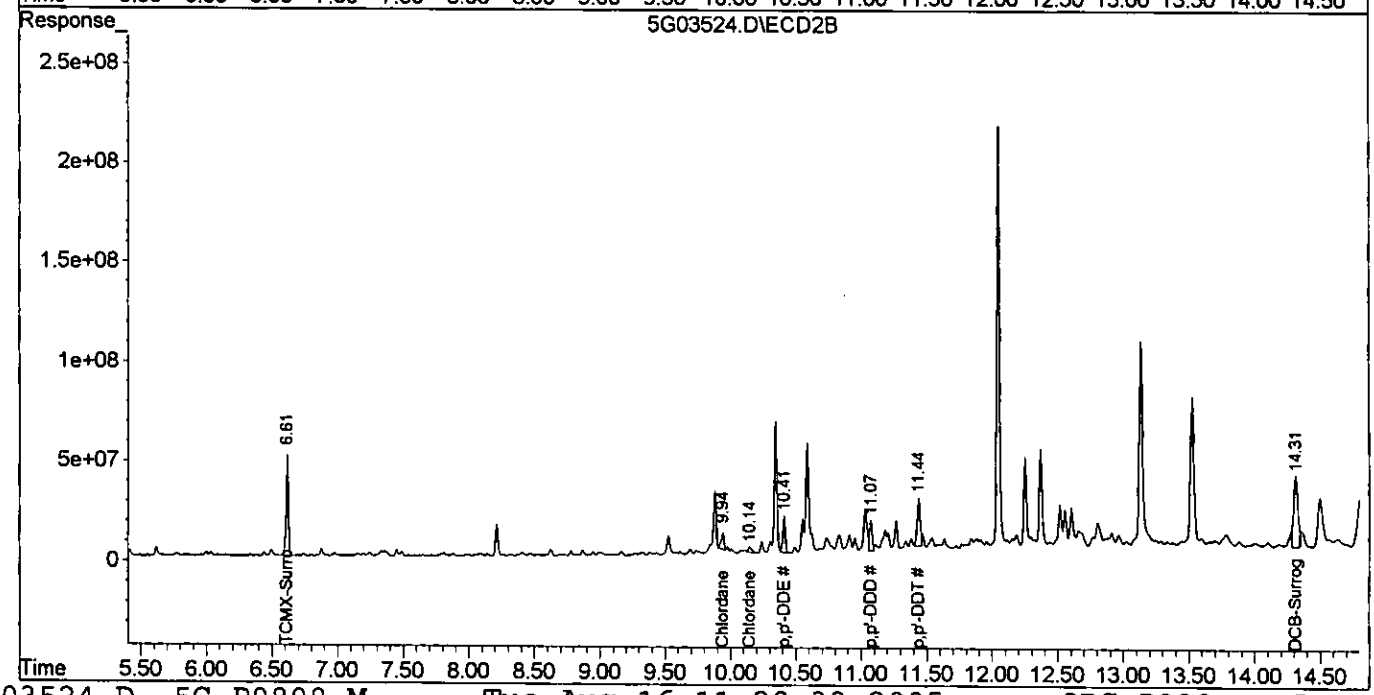
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03524.D\ECD1A.CH Vial: 8
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03524.D\ECD2B.CH
Acq On : 8-12-05 8:55:22 Operator: JK
Sample : AC18893-001 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 9:16 2005 Quant Results File: 5G_P0808.RES

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

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





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 5G03527.D
Analysis Date: 08/12/05 09:51
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 90

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**	**0.095**	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**	**0.016**	**72-55-9**	**p,p'-DDE**	**0.0056**	**0.026**
1031-07-8	Endosulfan Sulfate	0.0056	U	**50-29-3**	**p,p'-DDT**	**0.0056**	**0.17**
72-20-8	Endrin	0.0056	U	8001-35-2	Toxaphene	0.028	U

Worksheet #: 18297

Total Target Concentration 0.307

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\08-12-05\5G03527.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03527.D\ECD2B.CH
Acq On : 8-12-05 9:51:44 Operator: JK
Sample : AC18893-003 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:27 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	763.4E6	676.7E6	99.346	99.252
12)	p,p'-DDE	10.49	10.41	265.1E6	290.3E6	37.751m	47.474m#
13)	Dieldrin	10.77	10.55	853.2E6	859.5E6	171.117m	164.403m
16)	Endosulfan II	11.54	11.21	150.8E6	147.5E6	29.503m	29.299
17)	p,p'-DDT	11.62	11.44	754.6E6	1274.3E6	191.832m	310.094m#
22)	DCB-Surrogate	13.90	14.31	530.3E6	899.8E6	76.986	145.278 #

08/16/05

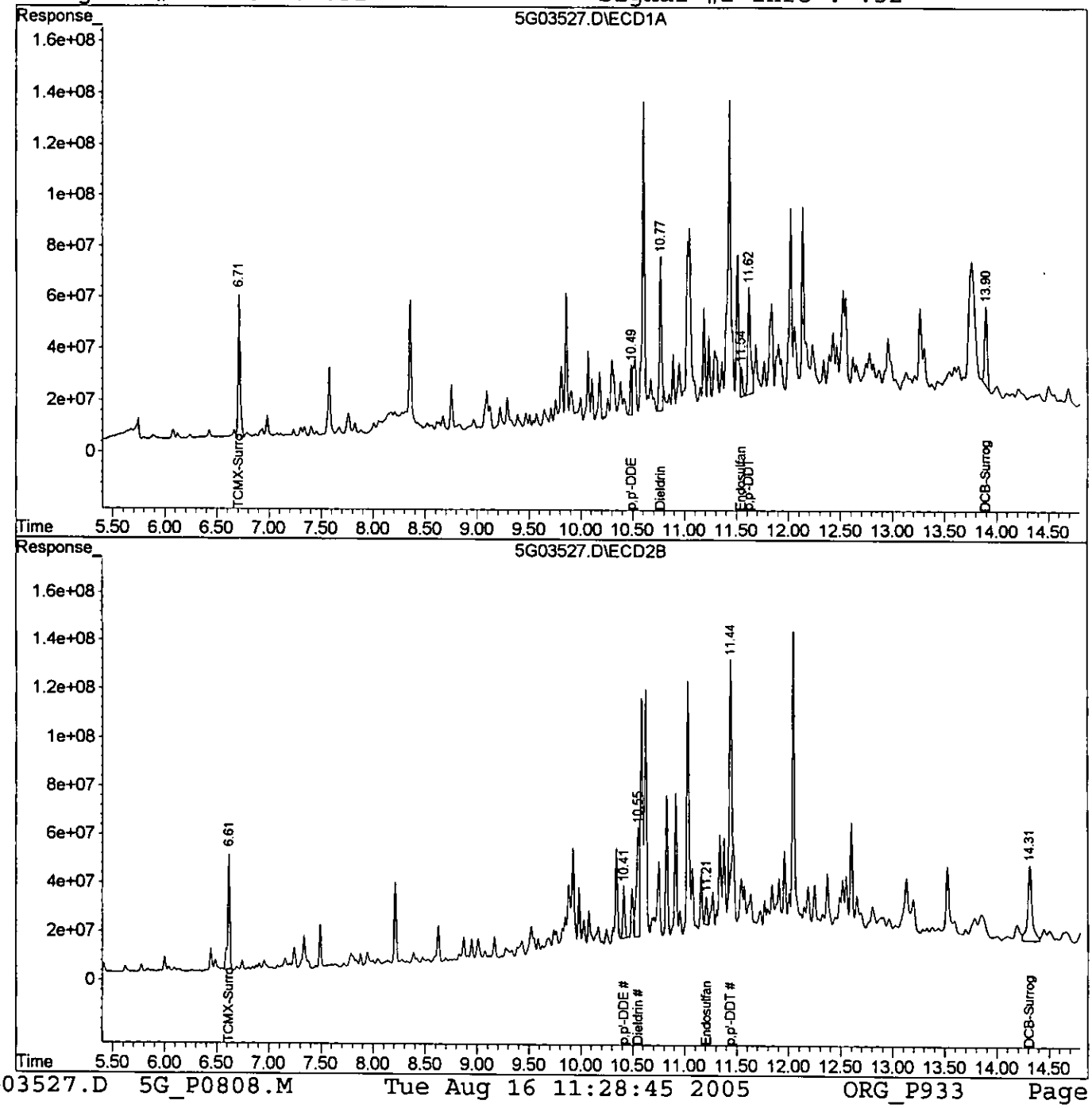
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03527.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03527.D\ECD2B.CH
Acq On : 8-12-05 9:51:44 Operator: JK
Sample : AC18893-003 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:27 2005 Quant Results File: 5G_P0808.RES

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

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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 5G03528.D
Analysis Date: 08/12/05 10:10
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0059	U	7421-93-4	Endrin Aldehyde	0.0059	U
319-84-6	alpha-BHC	0.0059	U	53494-70-5	Endrin Ketone	0.0059	U
319-85-7	beta-BHC	0.0059	U	58-89-9	gamma-BHC	0.0059	U
57-74-9	**Chlordane**	**0.012**	**0.12**	76-44-8	Heptachlor	0.0059	U
319-86-8	delta-BHC	0.0059	U	1024-57-3	Heptachlor Epoxide	0.0059	U
60-57-1	Dieldrin	0.0059	U	72-43-5	Methoxychlor	0.0059	U
959-98-8	Endosulfan I	0.0059	U	72-54-8	p,p'-DDD	0.0059	U
33213-65-9	Endosulfan II	0.0059	U	**72-55-9**	**p,p'-DDE**	**0.0059**	**0.027**
1031-07-8	Endosulfan Sulfate	0.0059	U	**50-29-3**	**p,p'-DDT**	**0.0059**	**0.059**
72-20-8	Endrin	0.0059	U	8001-35-2	Toxaphene	0.029	U

Worksheet #: 18297

Total Target Concentration 0.206

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\08-12-05\5G03528.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03528.D\ECD2B.CH
Acq On : 8-12-05 10:10:37 Operator: JK
Sample : AC18893-006 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:31 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	682.4E6	601.8E6	88.803m	88.271m
12)	p,p'-DDE	10.50	10.41	317.8E6	267.2E6	45.260m	43.696
17)	p,p'-DDT	11.62	11.44	239.7E6	413.7E6	60.931m	100.678m#
22)	DCB-Surrogate	13.90	14.31	694.4E6	664.9E6	100.815	107.355
24)	Chlordane {2}	10.37	9.94	150.0E6	222.1E6	202.626	166.479m
25)	Chlordane {3}	10.43	10.14	244.6E6	102.6E6	215.490m	194.508m

08/16/0

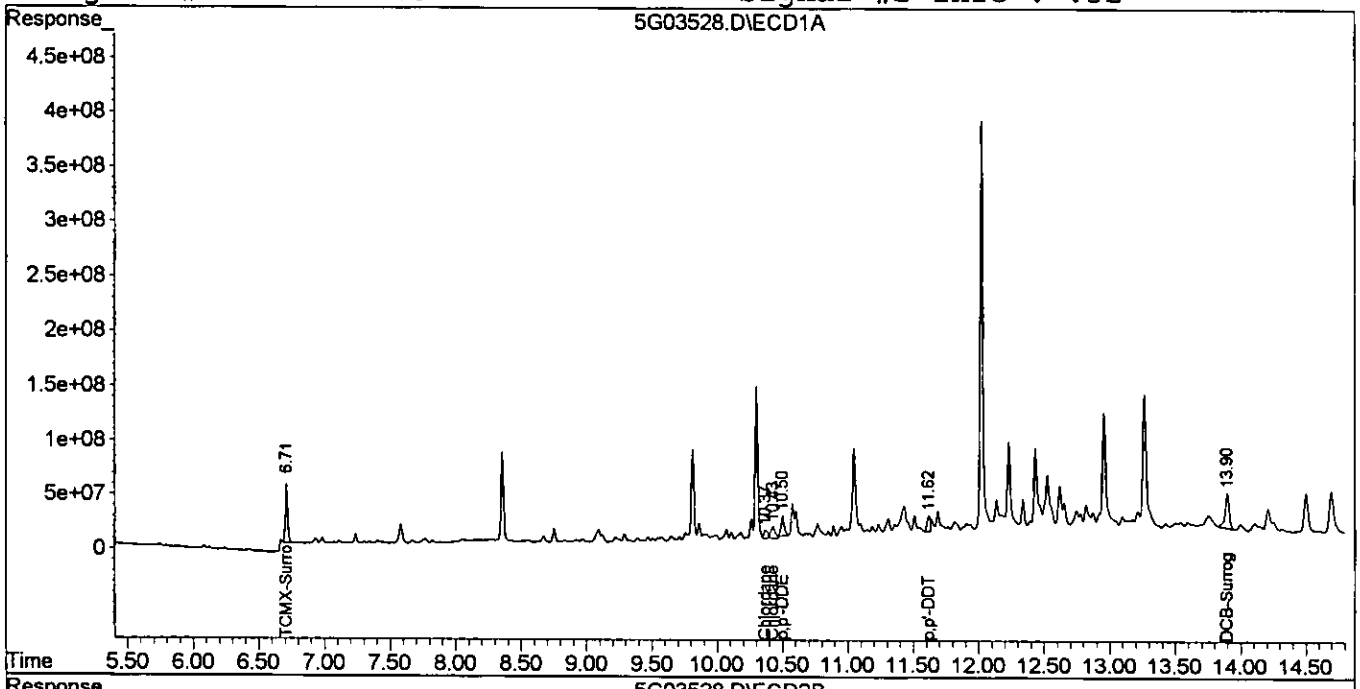
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

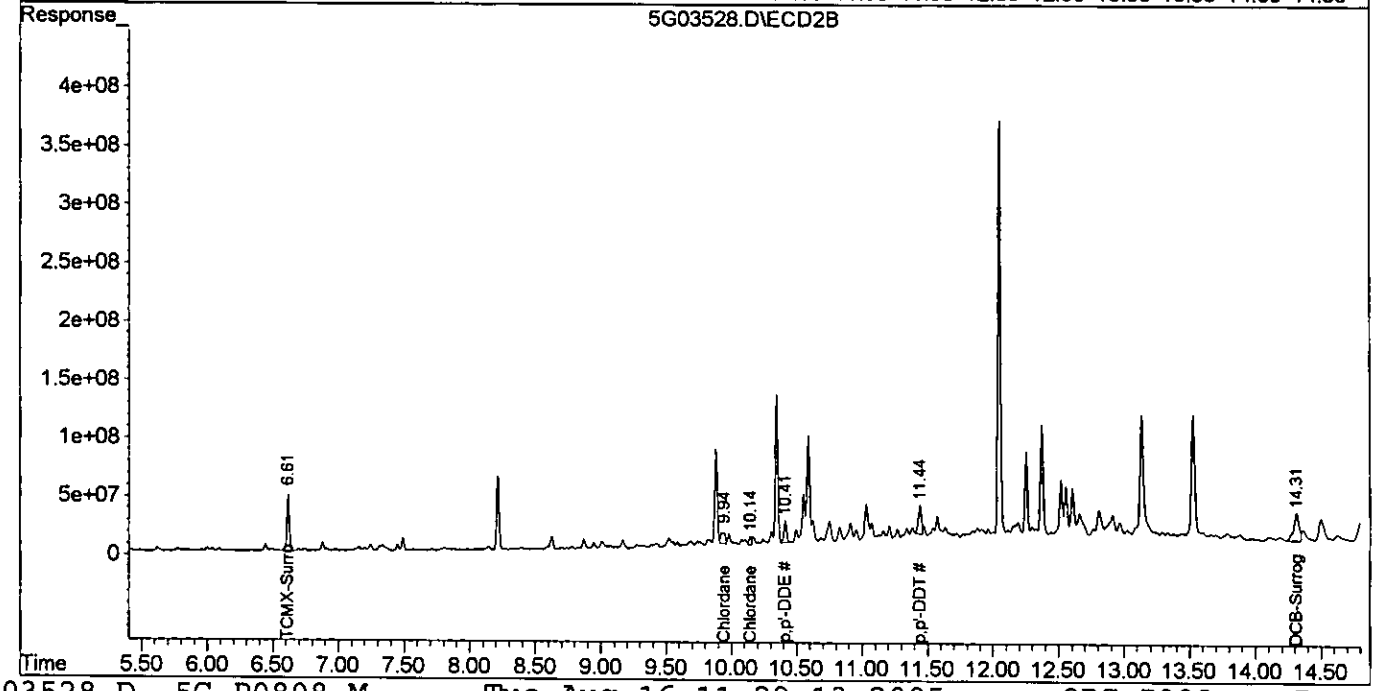
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03528.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03528.D\ECD2B.CH
Acq On : 8-12-05 10:10:37 Operator: JK
Sample : AC18893-006 Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:31 2005 Quant Results File: 5G_P0808.RES

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

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





GC Pesticide Data
Standards Data

Form 6
Initial Calibration

Instrument: GC_3

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

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

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

Flags

c - failed the initial calibration criteria(if applicable)

Note:

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

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

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

Form 6
Initial Calibration

Instrument: GC_3

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

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

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

Flags

c - failed the initial calibration criteria(if applicable)

Note:

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

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

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

Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

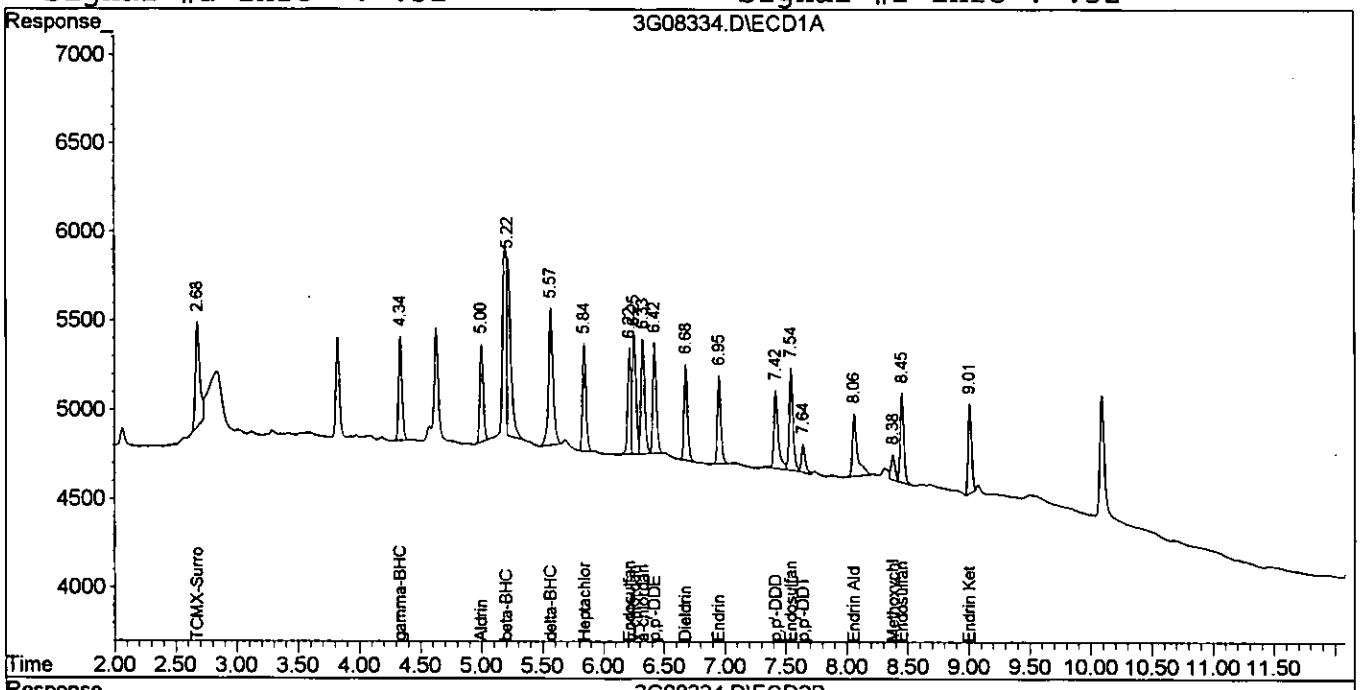
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

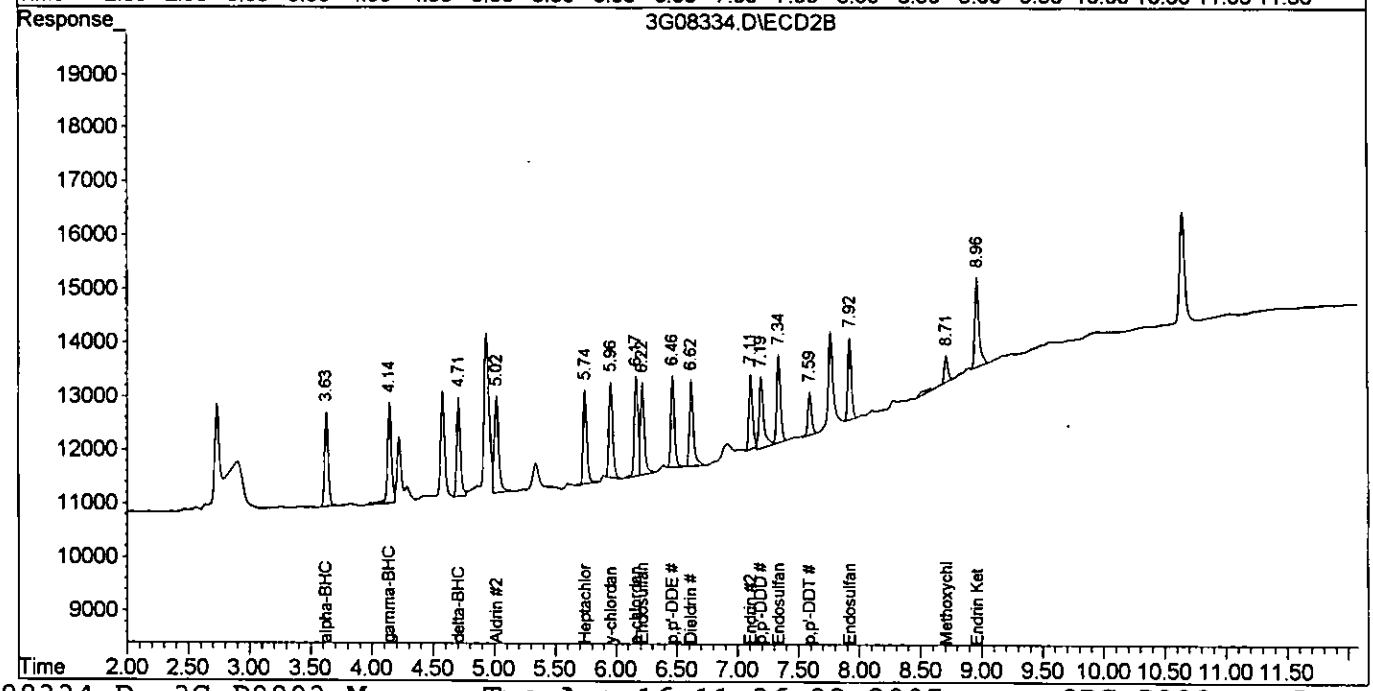
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

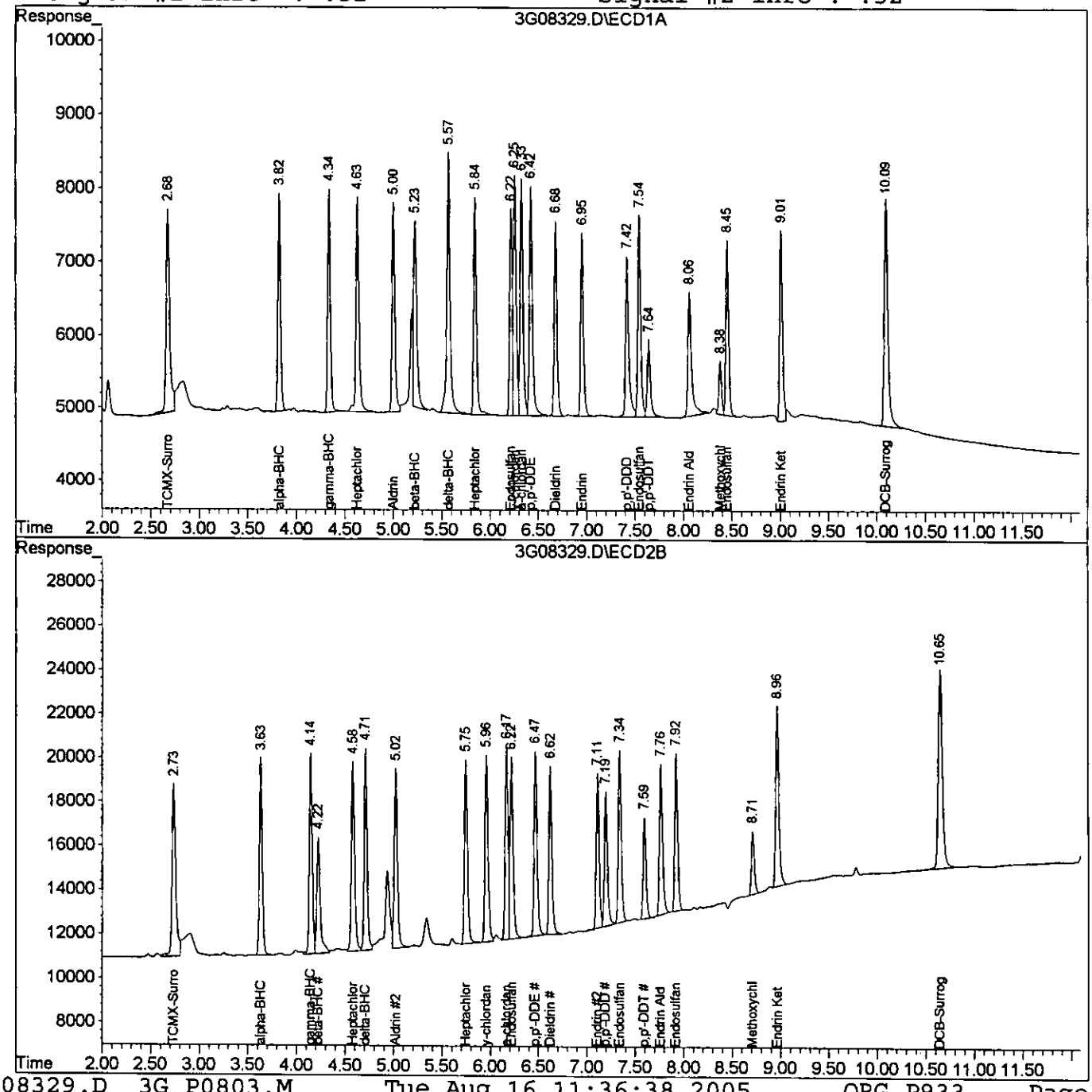
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/01

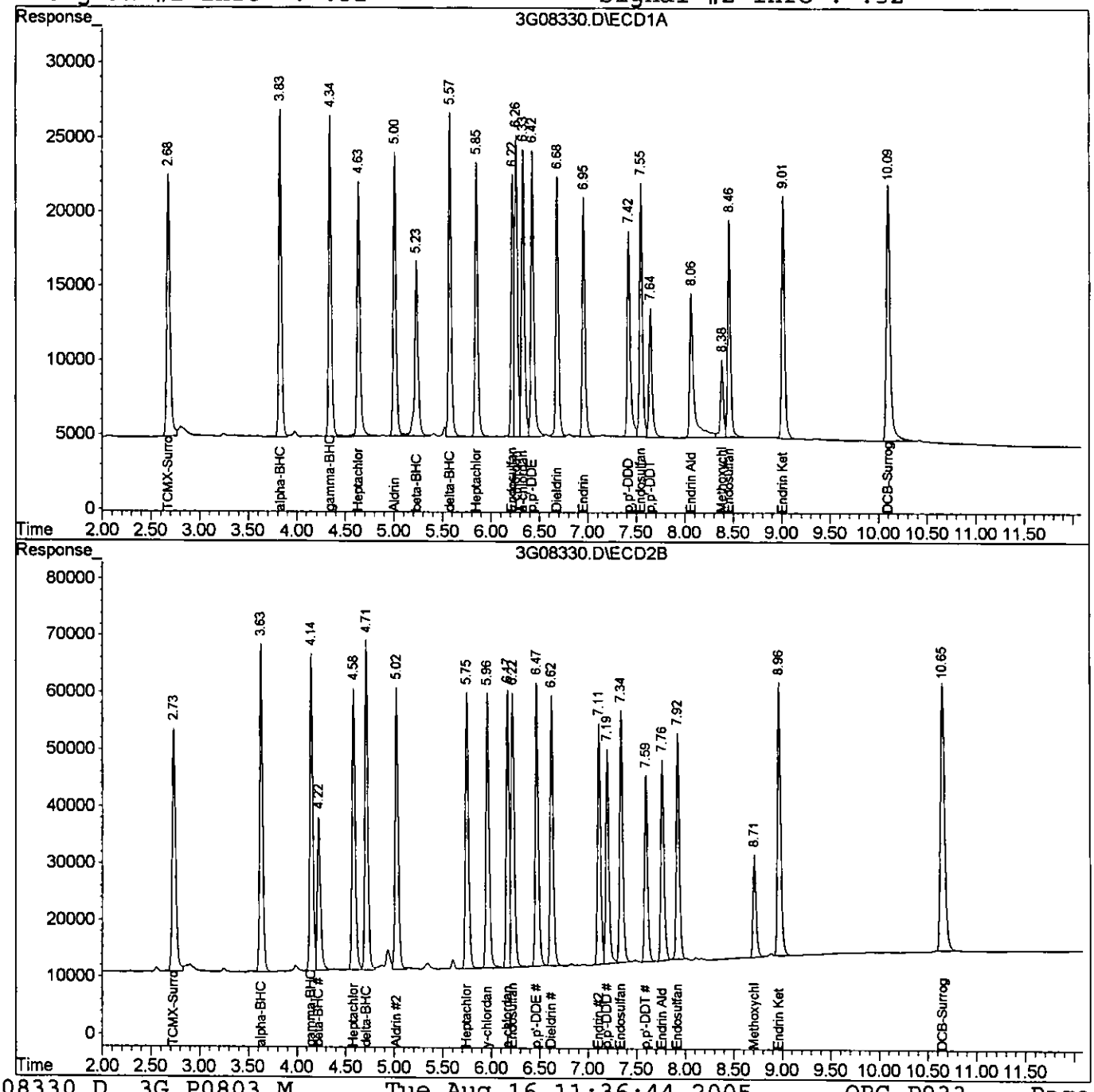
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

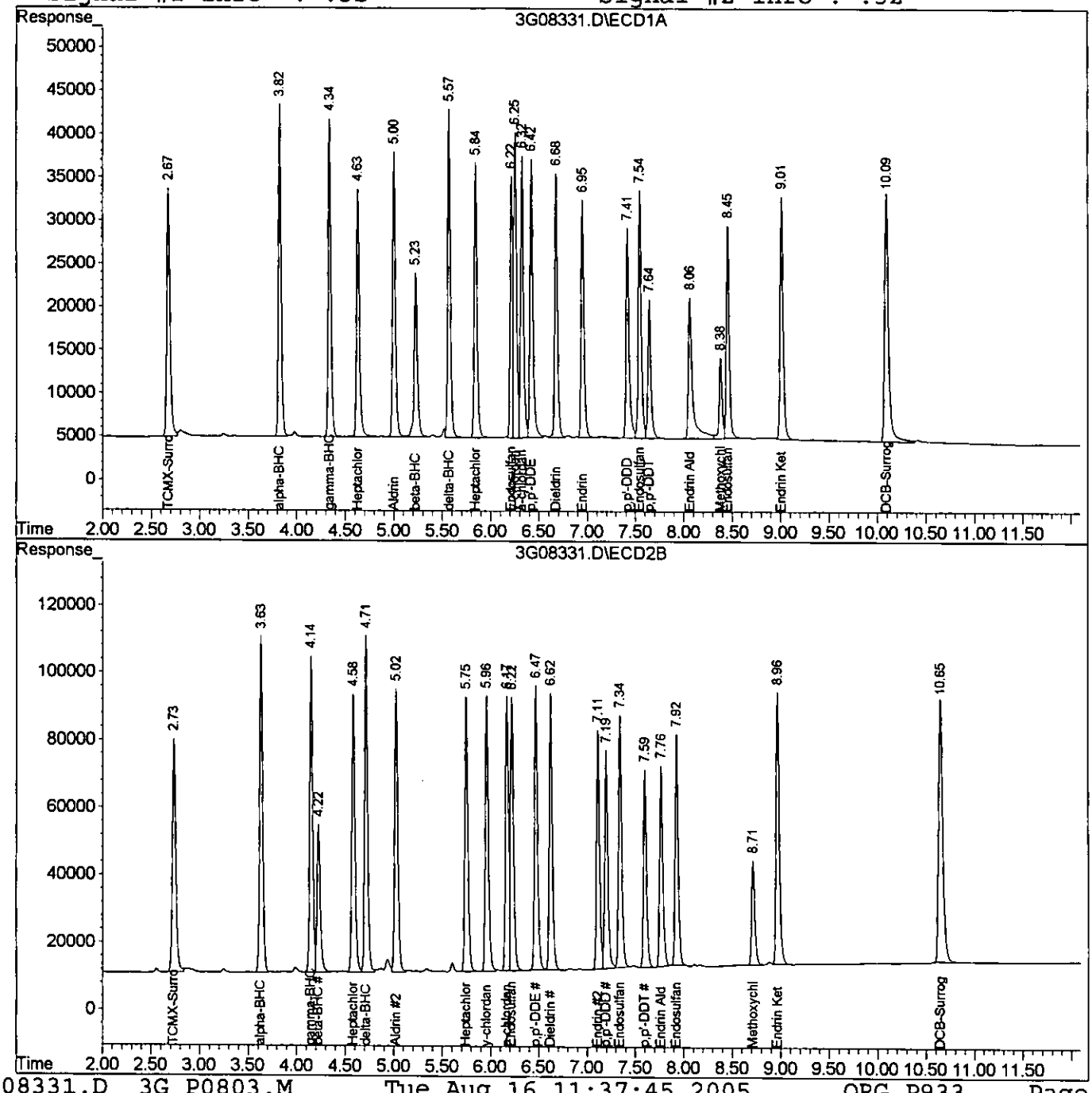
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

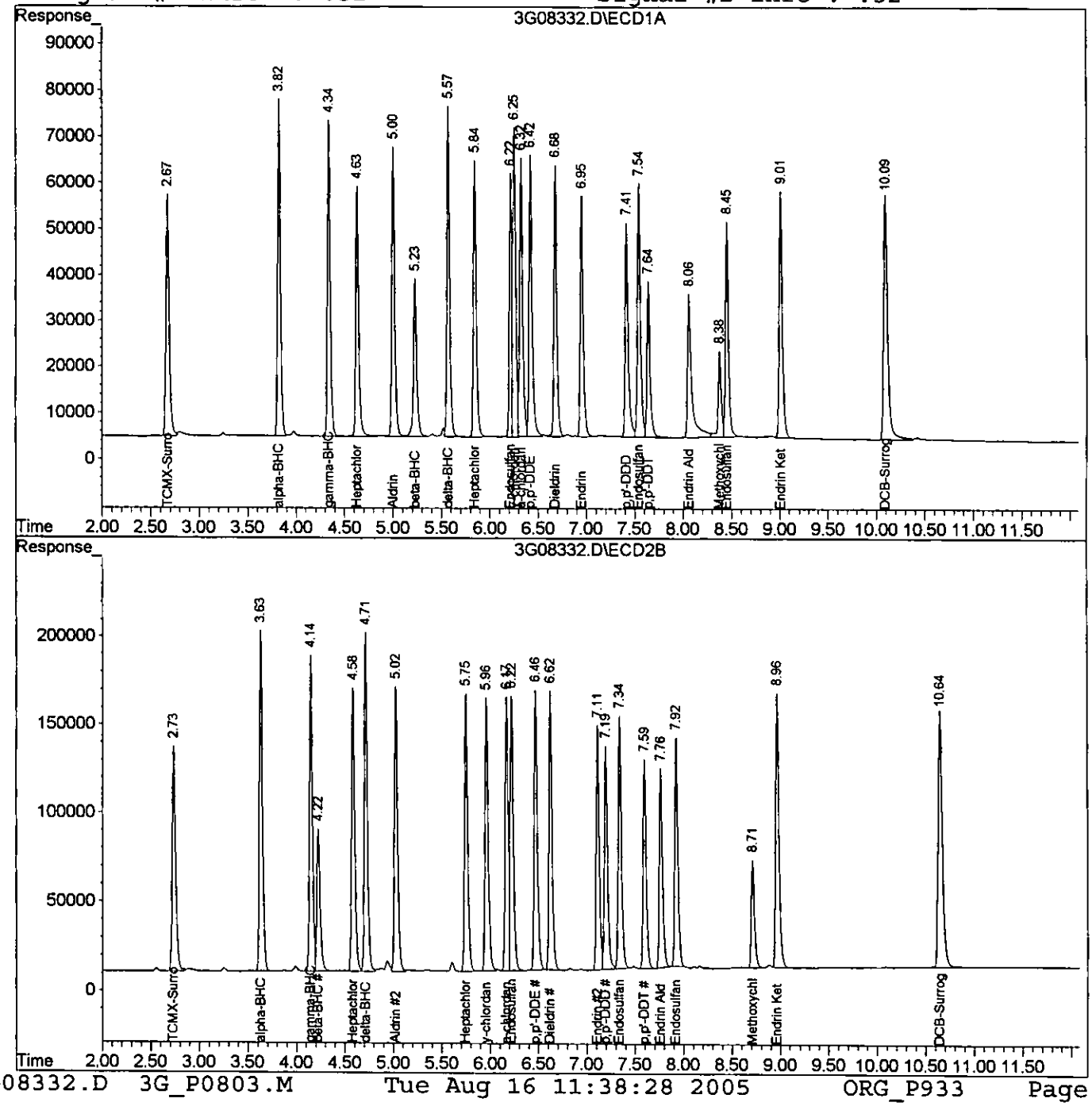
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/07

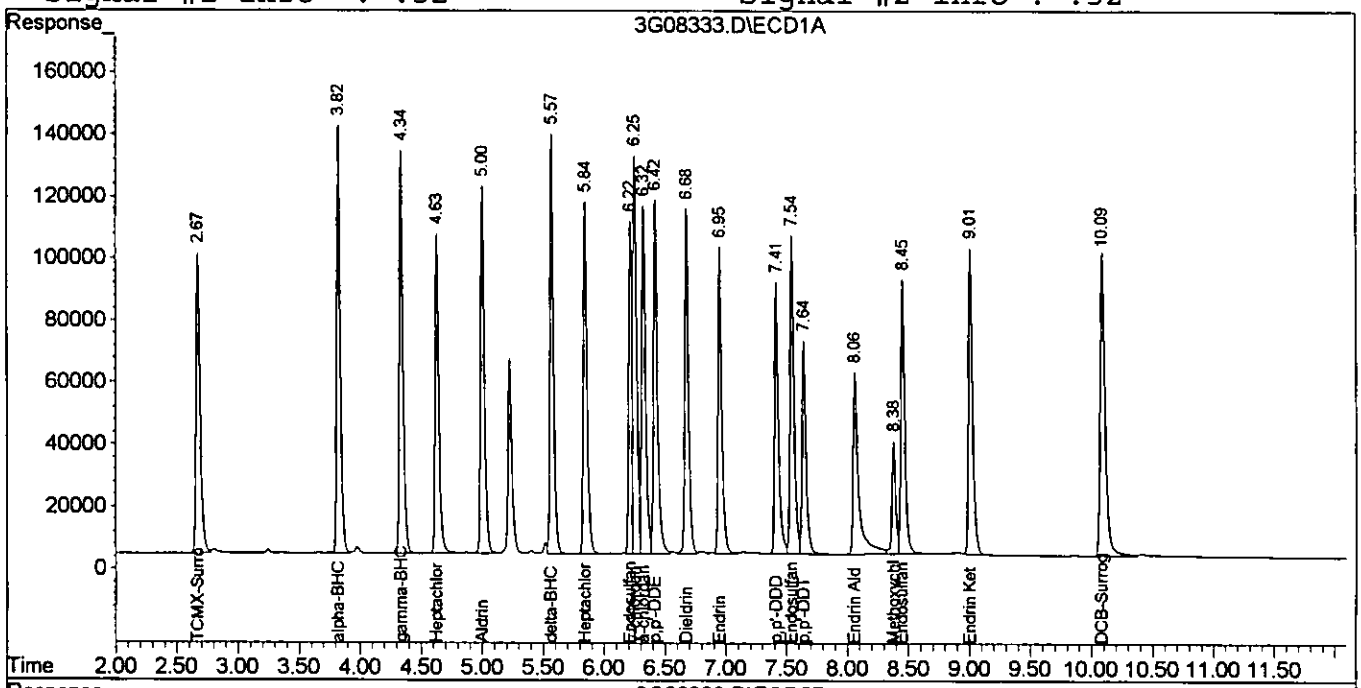
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

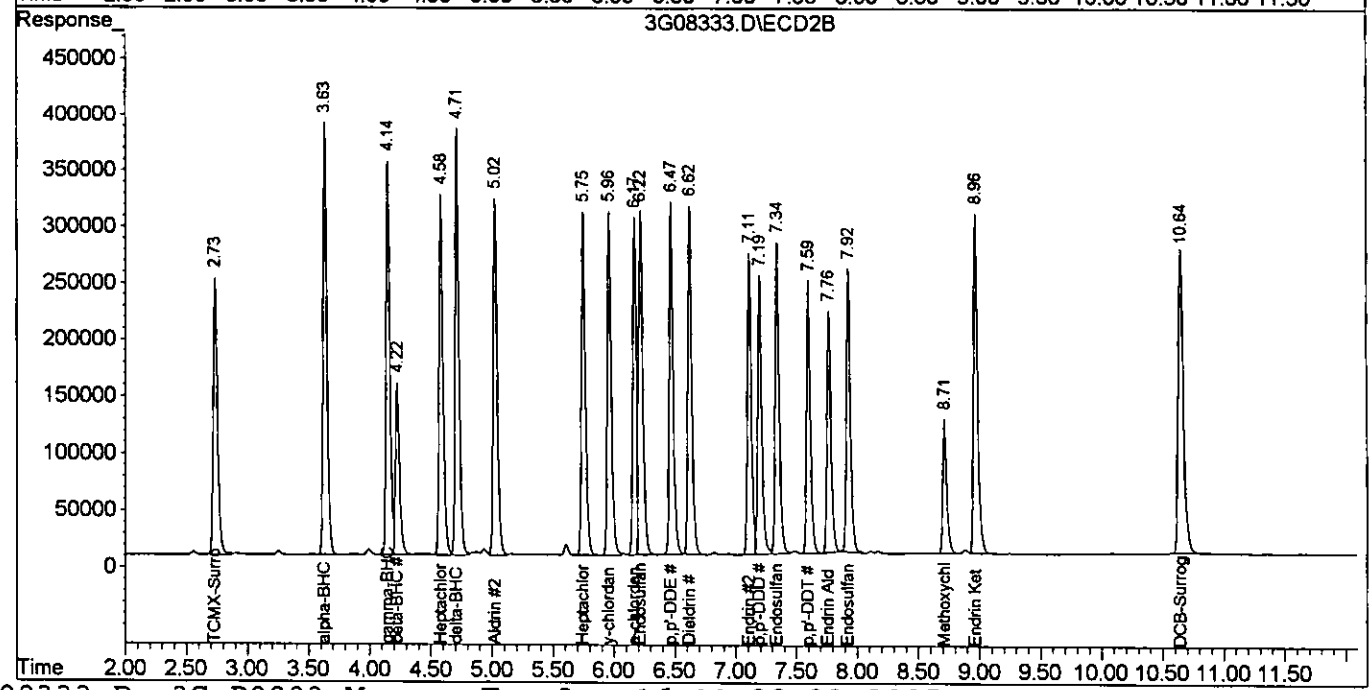
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

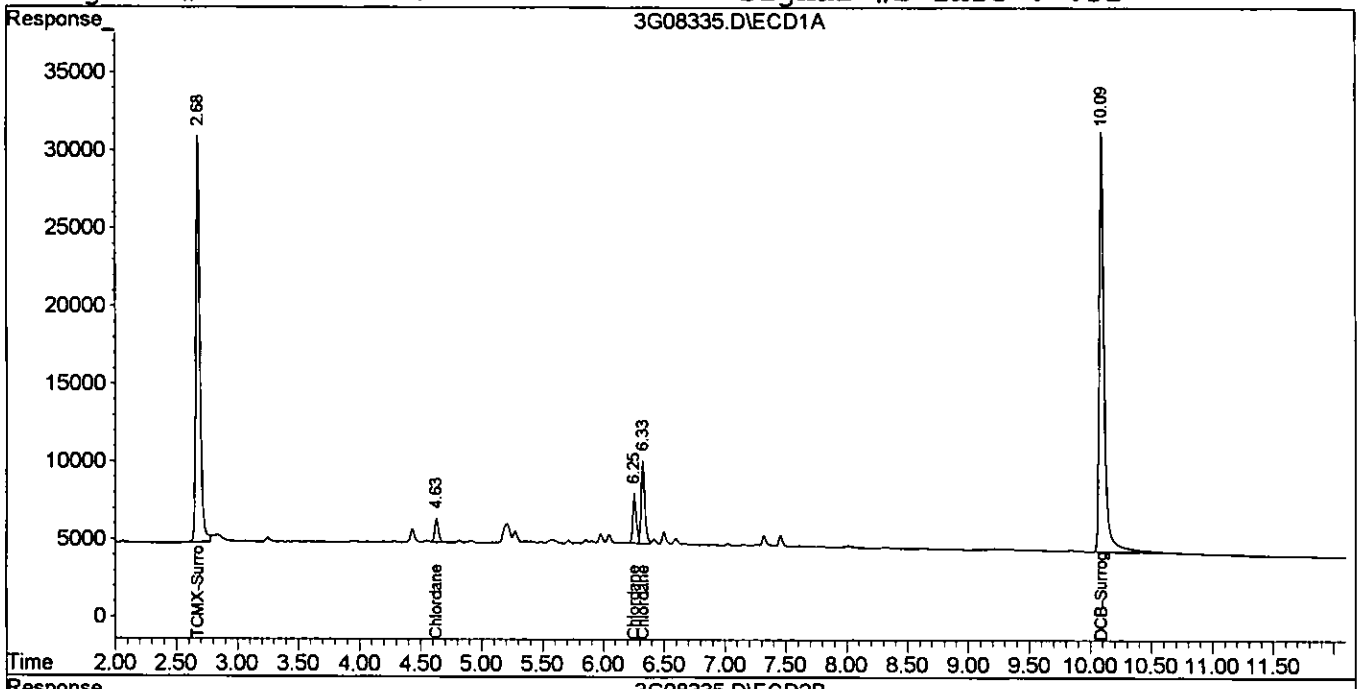
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

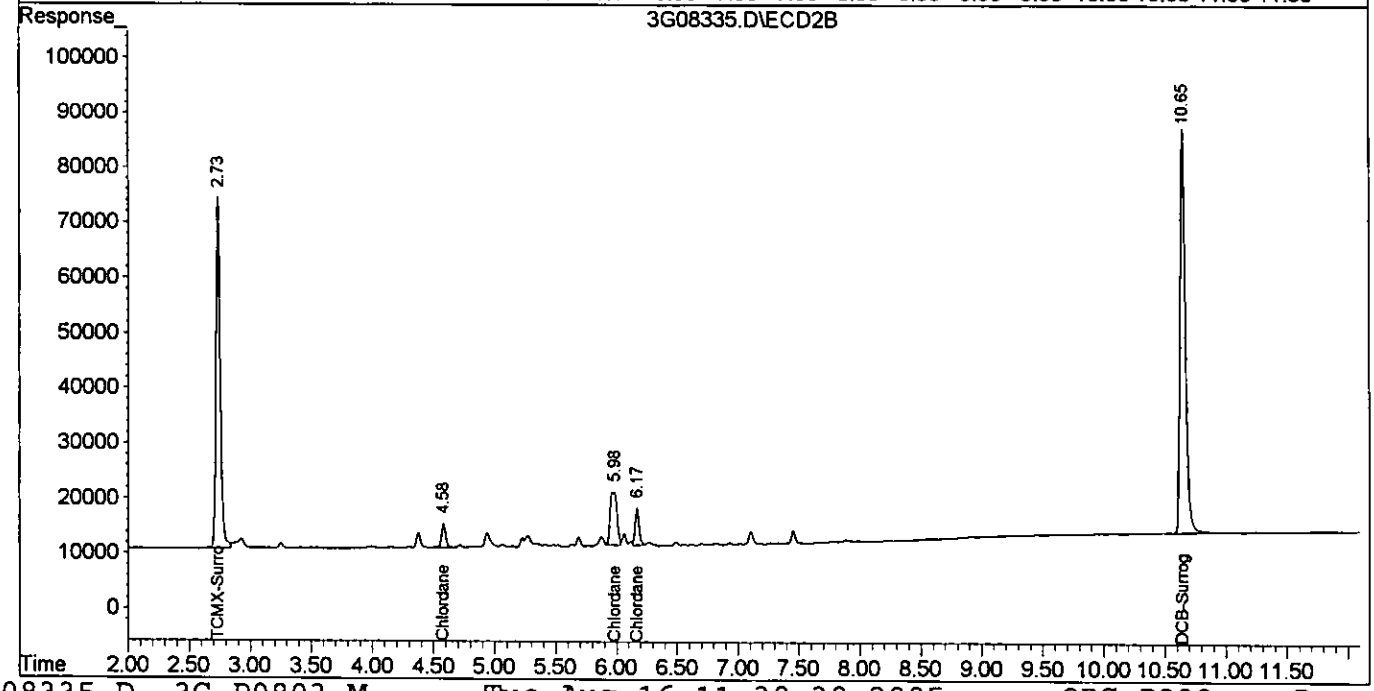
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

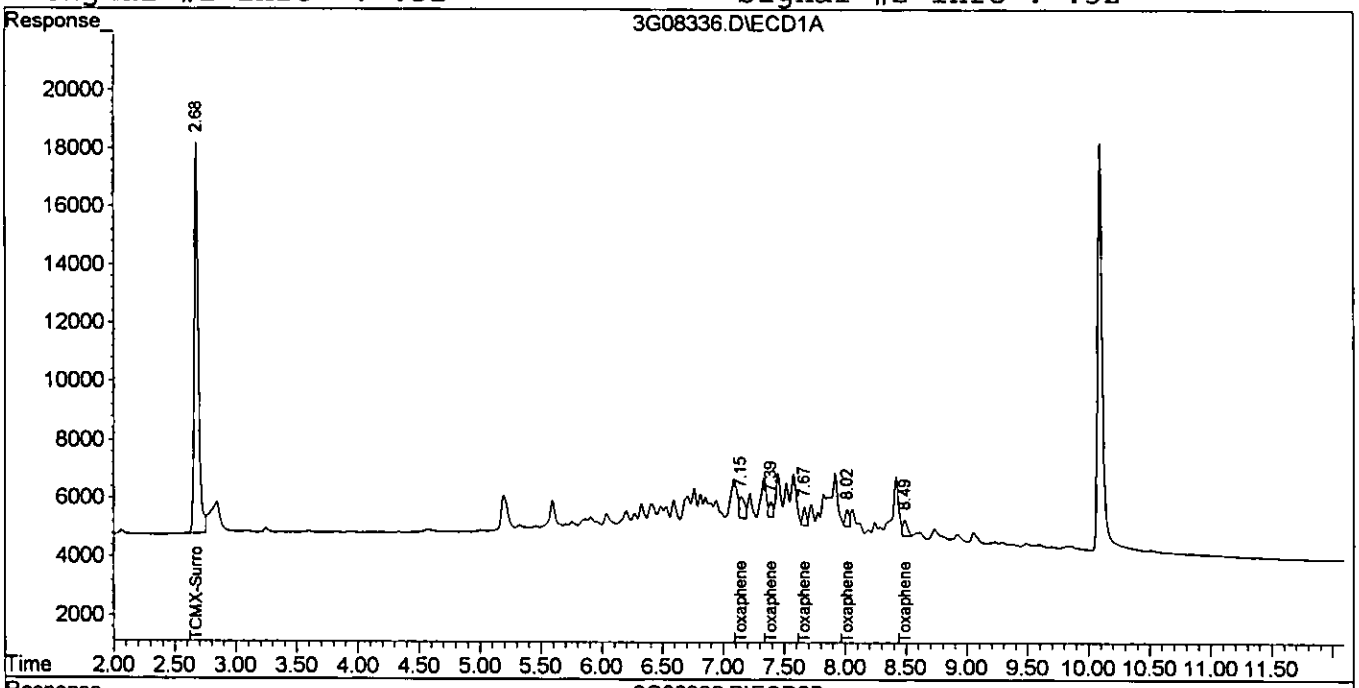
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

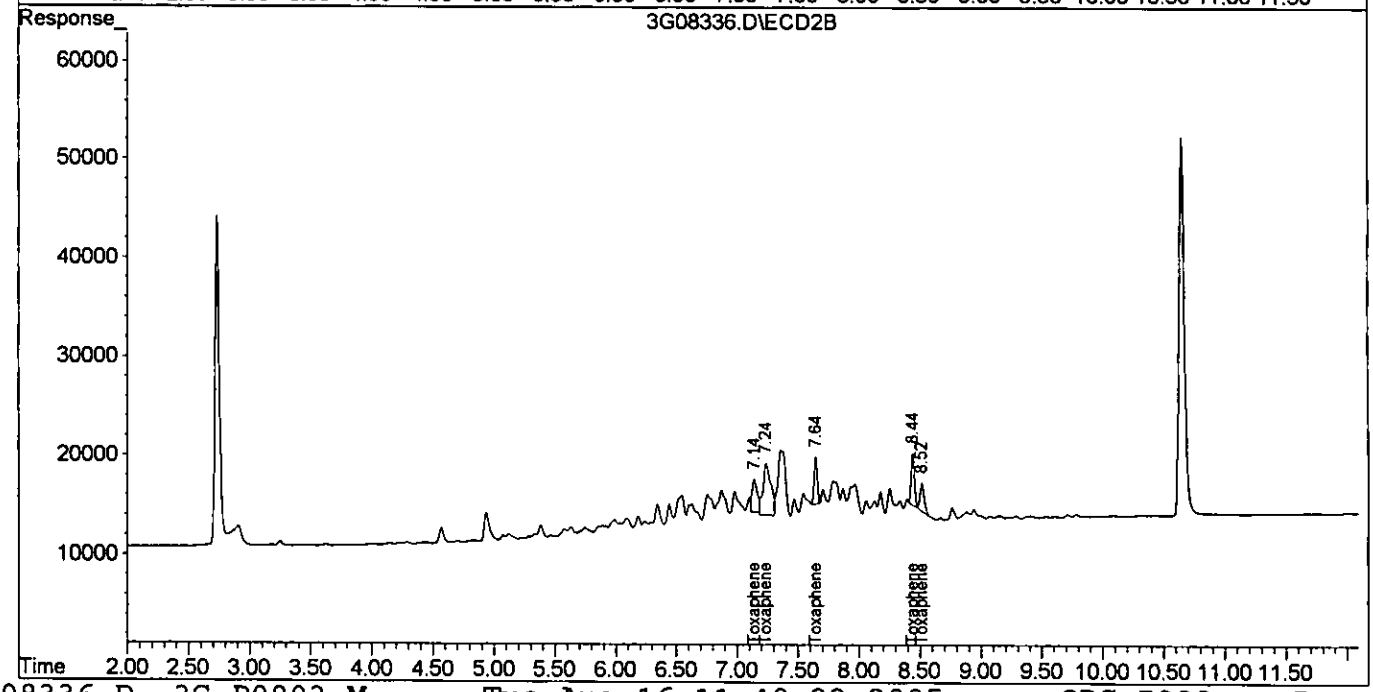
Quantitation Report

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

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

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





Form 6
Initial Calibration

Instrument: GC_5

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

Compound	Col	Mr	Fit:	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	733.23	709.73	887.12	800.81	743.47	736.33	---	---	768	6.71	0.999	0.999	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Avg	798.12	784.65	940.58	915.53	877.00	887.08	---	---	867	8.00	1.00	1.00	7.3	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	743.26	722.95	829.96	771.28	731.83	739.35	---	---	756	8.53	1.00	1.00	5.2	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	395.79	373.15	386.63	346.25	326.65	327.49	---	---	359	9.42	0.999	0.999	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	631.98	605.34	678.69	611.05	568.44	560.27	---	---	609	8.80	0.999	0.999	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	690.03	690.25	806.35	741.51	710.85	717.82	---	---	726	9.75	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	682.82	706.43	849.27	779.37	738.60	740.50	---	---	750	9.16	1.00	1.00	7.9	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	620.78	600.43	671.96	610.66	579.10	571.72	---	---	609	9.98	0.999	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	587.32	667.74	757.42	694.34	664.42	668.00	---	---	673	10.36	1.00	1.00	8.1	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	602.18	652.50	745.88	679.29	646.77	647.91	---	---	662	10.43	1.00	1.00	7.2	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	564.79	576.57	657.97	597.72	568.42	566.40	---	---	589	10.33	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	629.63	668.32	795.98	726.90	696.67	696.05	---	---	702	10.50	1.00	1.00	8.0	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	438.12	499.47	566.09	513.37	488.59	486.02	---	---	499	10.75	0.999	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	434.65	460.16	499.13	450.11	426.78	427.81	---	---	450	11.00	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	398.61	472.60	476.06	424.16	405.17	397.91	---	---	429	11.41	0.999	1.00	8.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	477.31	508.63	569.45	515.23	497.03	499.40	---	---	511	11.55	1.00	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Avg	330.85	358.85	429.62	403.68	405.90	431.22	---	---	393	11.61	0.999	1.00	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	317.47	257.19	340.86	315.71	304.89	301.02	---	---	306	12.02	1.00	1.00	9.1	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	481.23	433.55	494.51	448.79	437.45	438.09	---	---	456	12.37	1.00	1.00	5.7	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Avg	170.44	151.55	180.68	165.07	160.06	163.27	---	---	165	12.26	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	414.87	413.22	465.45	416.32	403.24	400.93	---	---	419	12.90	1.00	1.00	5.6	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	692.82	649.14	777.29	693.88	662.19	657.60	---	---	689	13.89	0.999	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	---	---	---	---	---	---	---	---	34.5	8.80	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	---	---	---	---	---	---	---	---	74.0	10.36	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	---	---	---	---	---	---	---	---	114	10.43	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	---	---	---	---	---	---	---	---	3.21	10.44	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	---	---	---	---	---	---	---	---	8.47	11.45	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	---	---	---	---	---	---	---	---	10.4	11.58	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	---	---	---	---	---	---	---	---	7.58	11.87	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	---	---	---	---	---	---	---	---	9.02	12.32	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Avg	637.63	640.47	785.83	717.35	659.98	649.35	---	---	682	6.61	0.999	0.999	8.6	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	755.19	840.55	1005.7	946.42	888.28	881.53	---	---	886	7.62	0.999	1.00	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	731.05	748.63	877.60	802.16	754.81	751.44	---	---	778	8.16	0.999	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	Avg	396.66	363.22	382.52	341.71	318.58	315.16	---	---	353	8.24	0.999	0.999	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	Avg	607.09	584.77	641.26	580.01	540.15	533.94	---	---	581	8.61	0.999	0.999	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	771.27	760.31	889.48	808.85	767.69	764.60	---	---	794	8.74	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		

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

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. 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 #

Form 6
Initial Calibration

Instrument: GC_5

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

Compound	Col	Mr	Fit:	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	622.39	663.49	787.78	717.69	675.45	671.06	----	----	690	9.05	0.999	0.999	8.2	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	596.41	603.79	689.65	625.98	593.97	585.84	----	----	616	9.75	0.999	1.00	6.3	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	2	0	Avg	623.91	612.79	698.45	632.36	600.81	599.70	----	----	628	9.94	0.999	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	Avg	661.10	616.61	680.99	615.04	582.48	580.26	----	----	623	10.14	0.999	1.00	6.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	599.76	583.13	656.50	594.82	561.86	557.93	----	----	592	10.19	0.999	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	569.32	584.99	690.61	628.21	599.27	597.07	----	----	612	10.41	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	476.86	500.81	584.71	536.34	516.03	521.94	----	----	523	10.56	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	419.97	413.82	468.54	428.33	409.30	416.46	----	----	426	11.02	1.00	1.00	5.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	337.68	370.04	417.72	379.28	366.14	365.94	----	----	373	11.07	1.00	1.00	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	432.81	497.64	574.56	518.12	498.79	499.61	----	----	504	11.22	1.00	1.00	9.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Avg	368.85	382.42	456.32	420.68	413.78	423.52	----	----	411	11.43	1.00	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Avg	418.25	414.83	430.32	387.72	376.08	374.18	----	----	400	11.60	1.00	1.00	6.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	425.98	431.41	498.18	452.30	441.16	444.02	----	----	449	11.74	1.00	1.00	5.8	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	156.30	149.64	171.49	156.09	151.51	154.40	----	----	157	12.43	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	461.61	485.71	564.15	513.45	502.04	505.39	----	----	505	12.70	1.00	1.00	6.8	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Avg	718.35	600.94	677.46	597.39	565.00	556.97	----	----	619	14.31	0.999	0.999	10	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	32.3	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	----	----	----	----	----	----	----	----	52.8	10.14	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	4.40	10.68	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	2.76	11.34	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	6.78	11.49	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	7.02	12.21	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	6.66	12.28	-1	-1	Lvl=8	500.0							

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

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. 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_5\Data\08-08-05\5G03469.D\ECD1A.CH Vial: 3
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03469.D\ECD2B.CH
Acq On : 8-8-05 7:12:09 Operator: JK
Sample : CAL PEST@2PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 9:16 2005 Quant Results File: 5G_P0808.RES

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

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

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

08/16/10

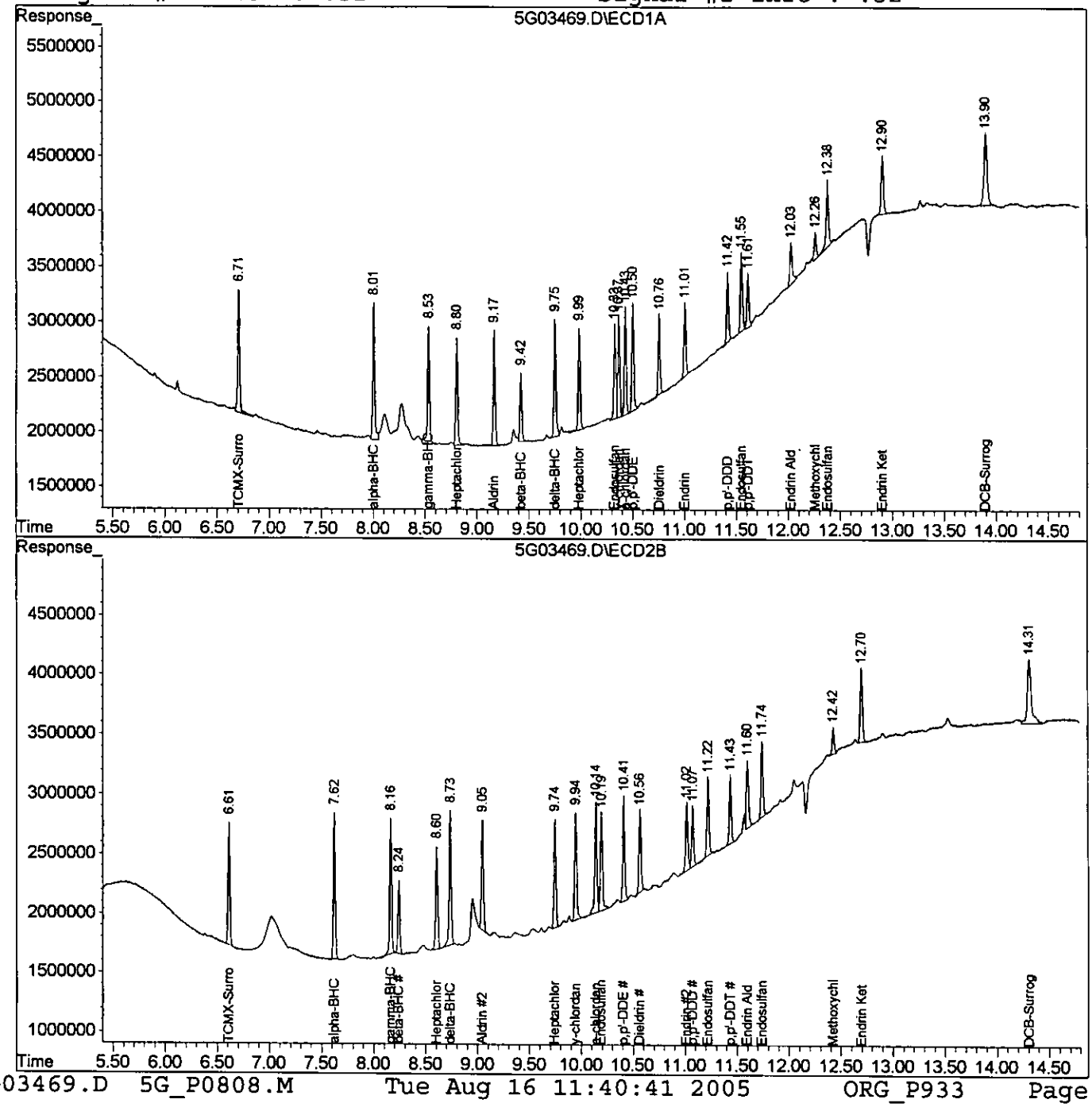
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/01

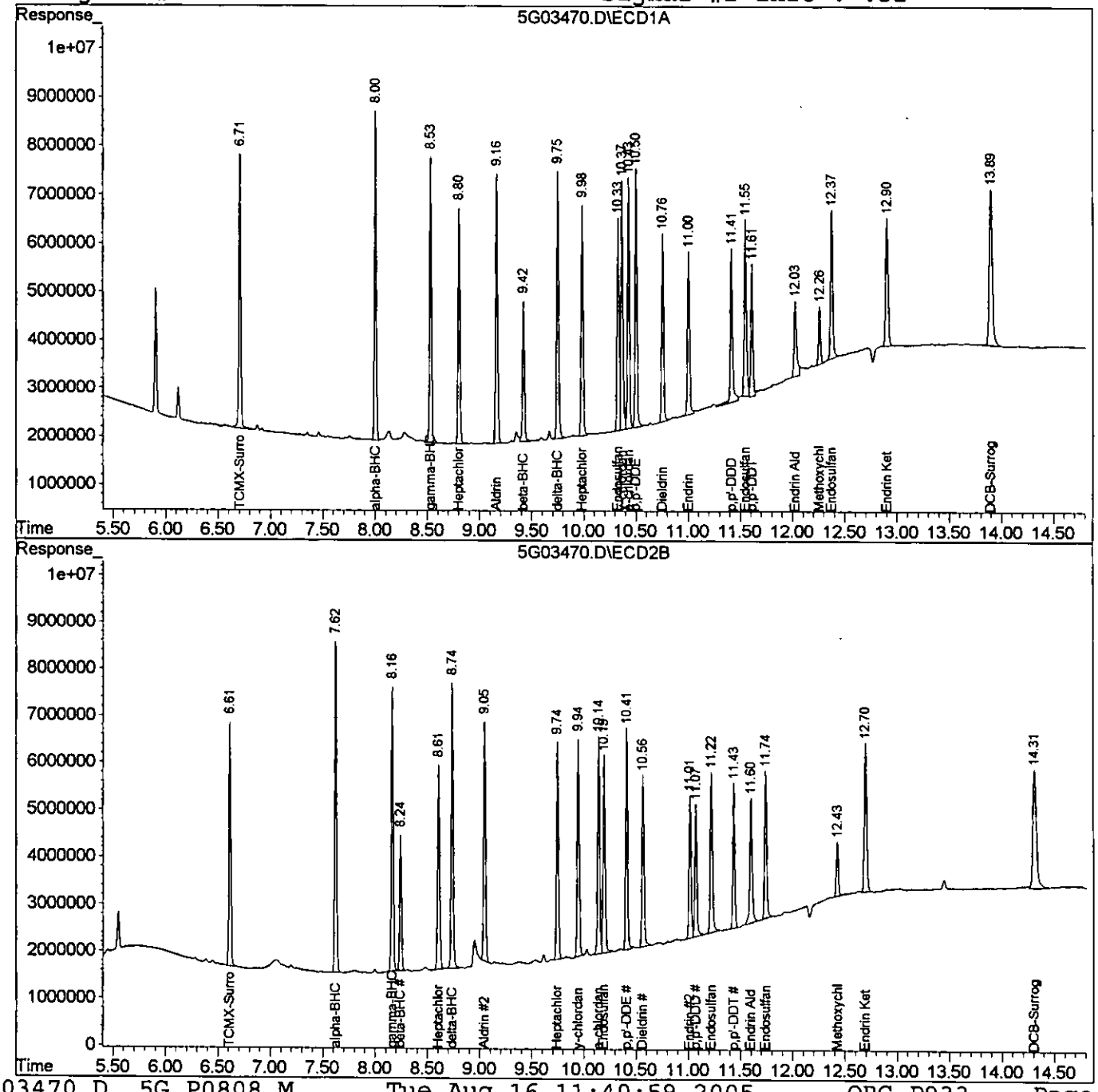
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

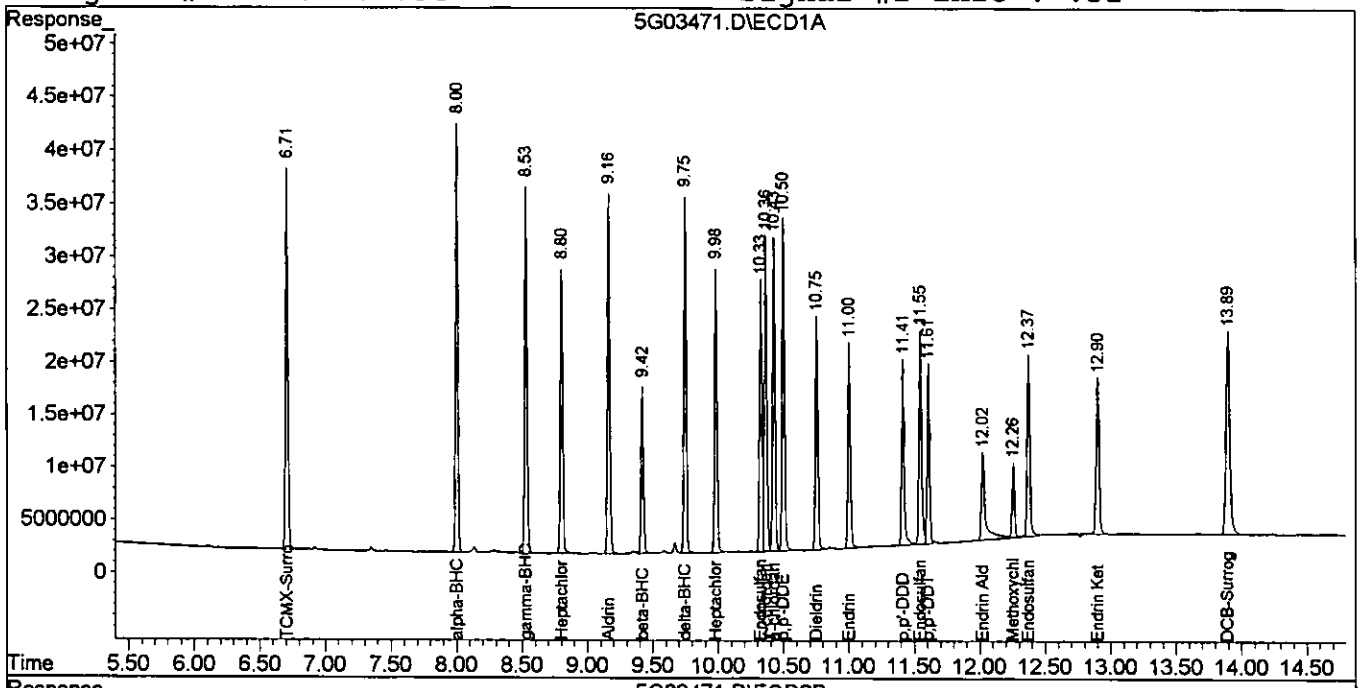
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

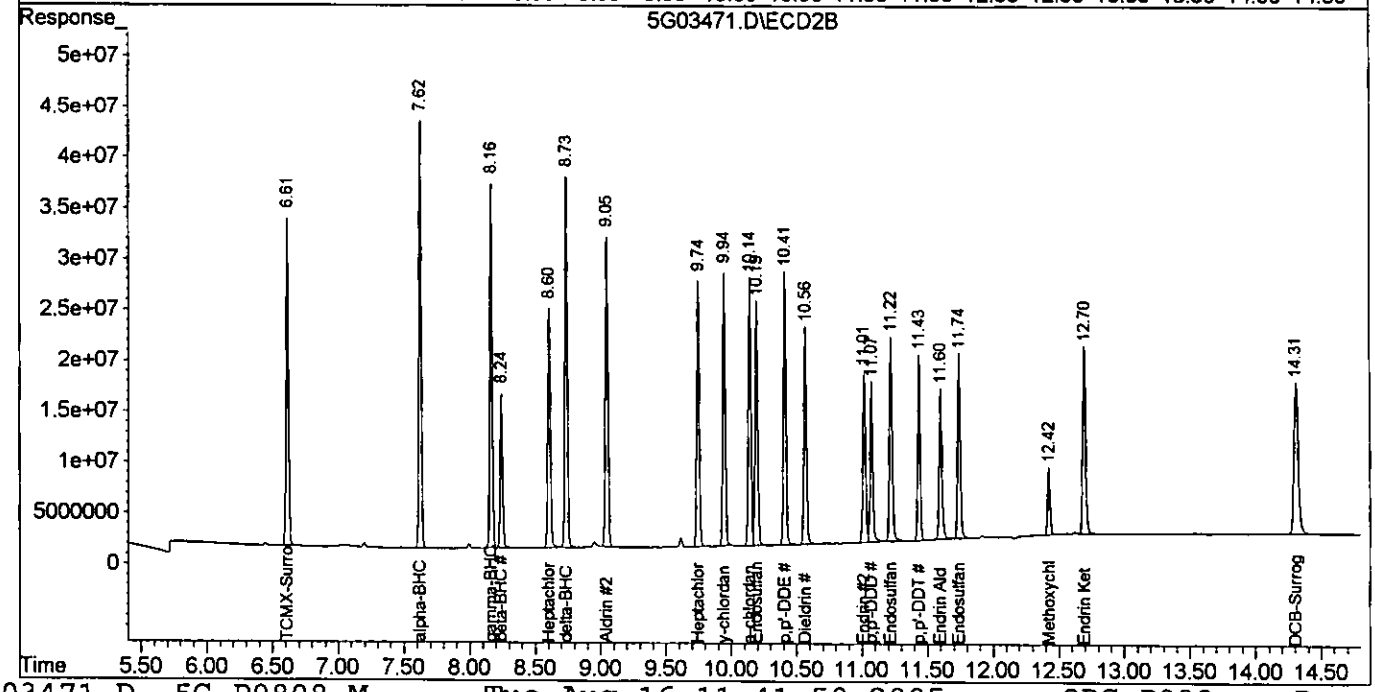
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD1A.CH Vial: 55
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03471.D\ECD2B.CH
Acq On : 8-8-05 7:49:48 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 8:08 2005 Quant Results File: 5G_P0808.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD1A.CH Vial: 76
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03472.D\ECD2B.CH
Acq On : 8-8-05 8:08:35 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 8:35 2005 Quant Results File: 5G_P0808.RES

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

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

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

08/16/0

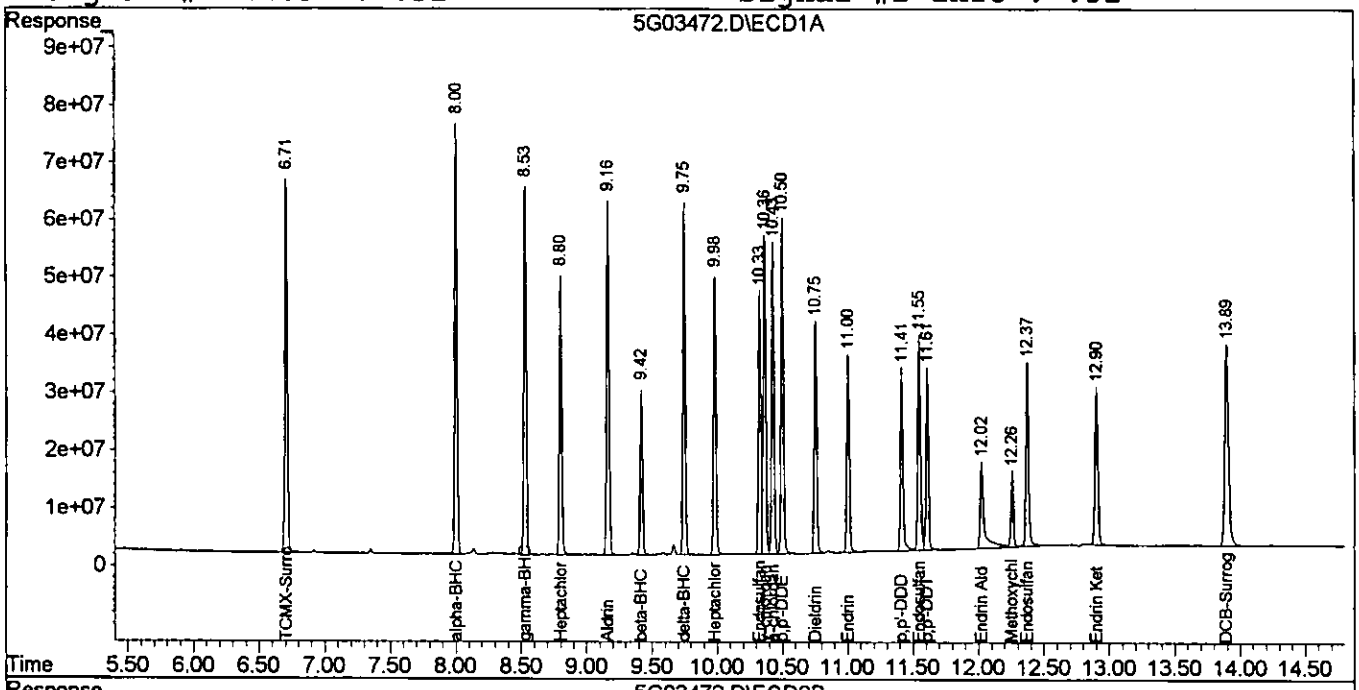
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

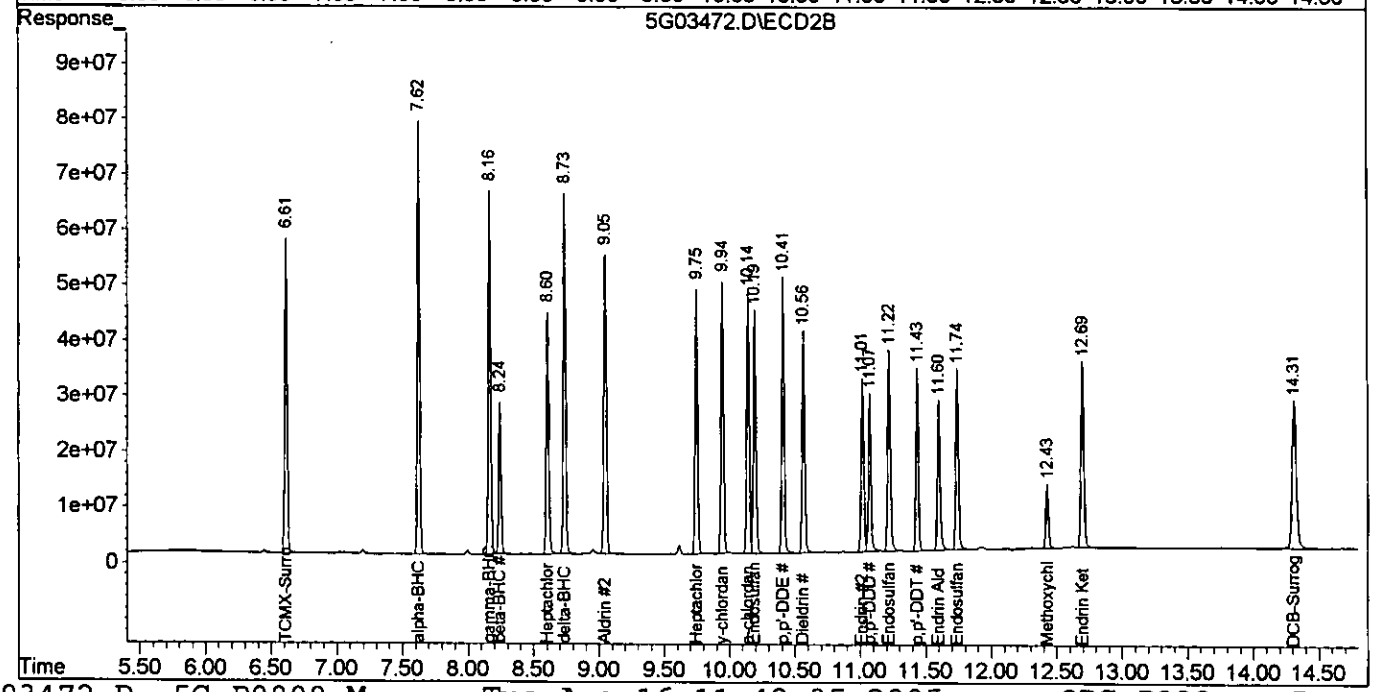
Quantitation Report

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

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

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





Quantitation Report (QT Reviewed)

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

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

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

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

08/16/01

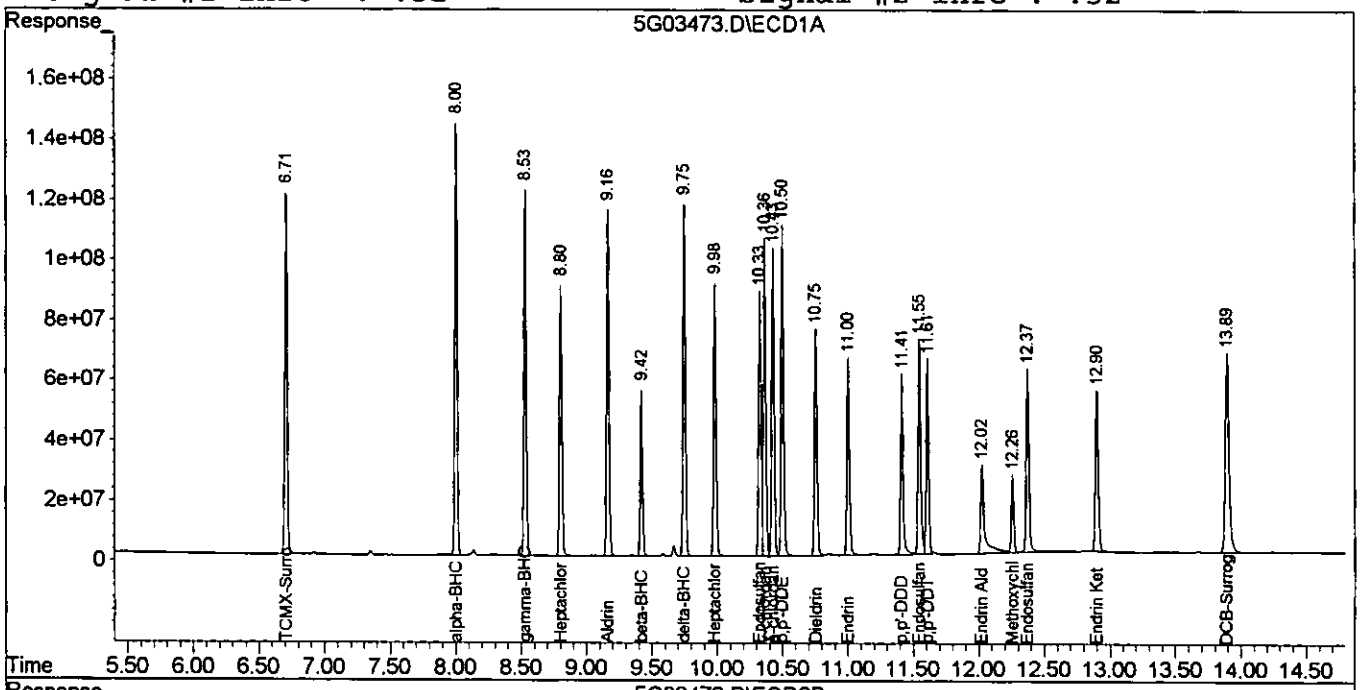
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

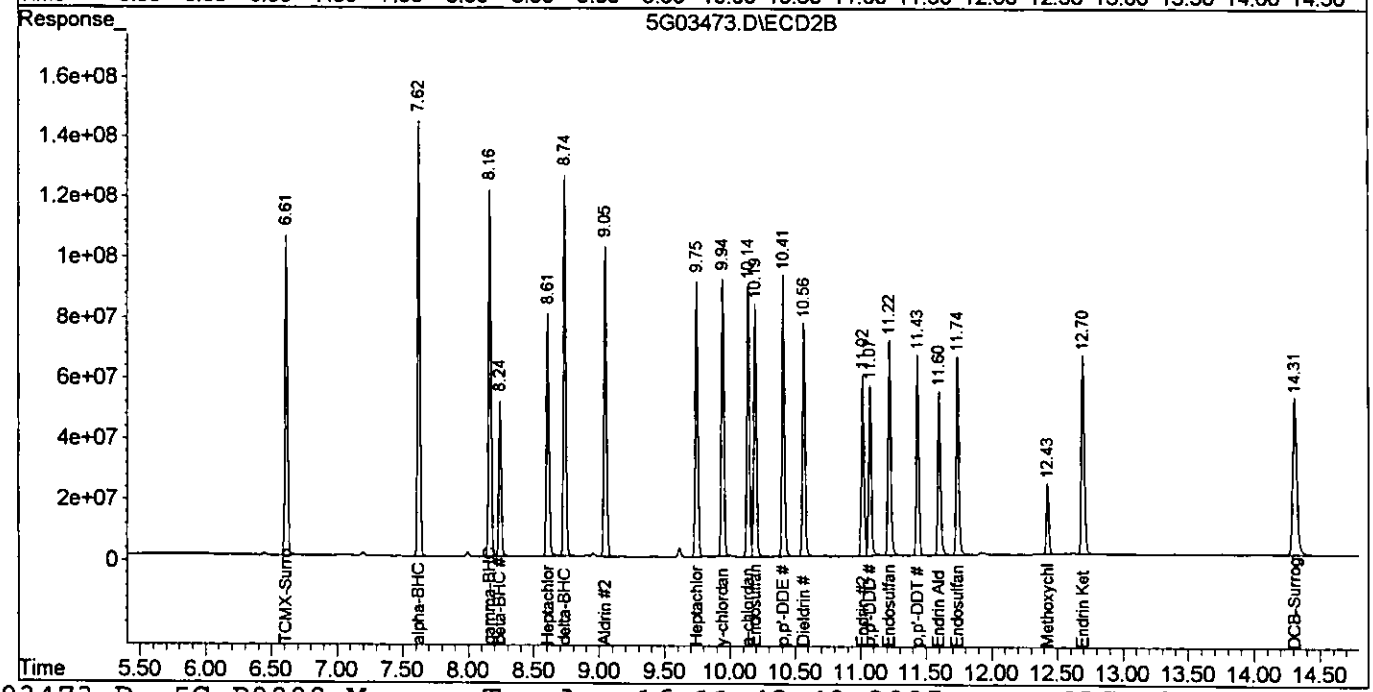
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD1A.CH Vial: 67
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03473.D\ECD2B.CH
Acq On : 8-8-05 8:27:20 Operator: JK
Sample : CAL PEST@200PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 8:43 2005 Quant Results File: 5G_P0808.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD1A.CH Vial: 38
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03474.D\ECD2B.CH
Acq On : 8-8-05 8:46:10 Operator: JK
Sample : CAL PEST@400PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 9:04 2005 Quant Results File: 5G_P0808.RES

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

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

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

08/16/05

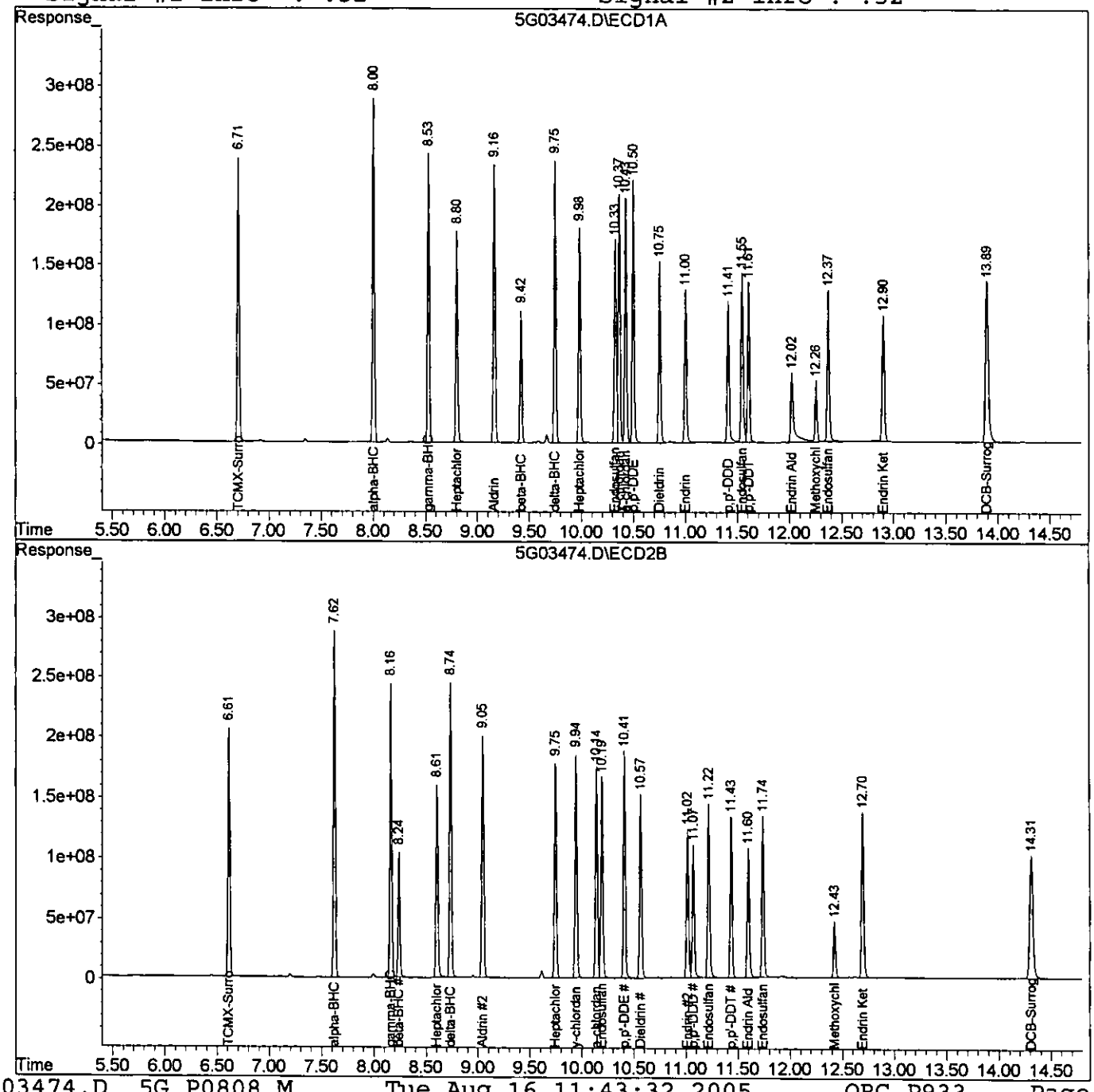
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

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

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

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



Quantitation Report (QT Reviewed)

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

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

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

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

08/16/05

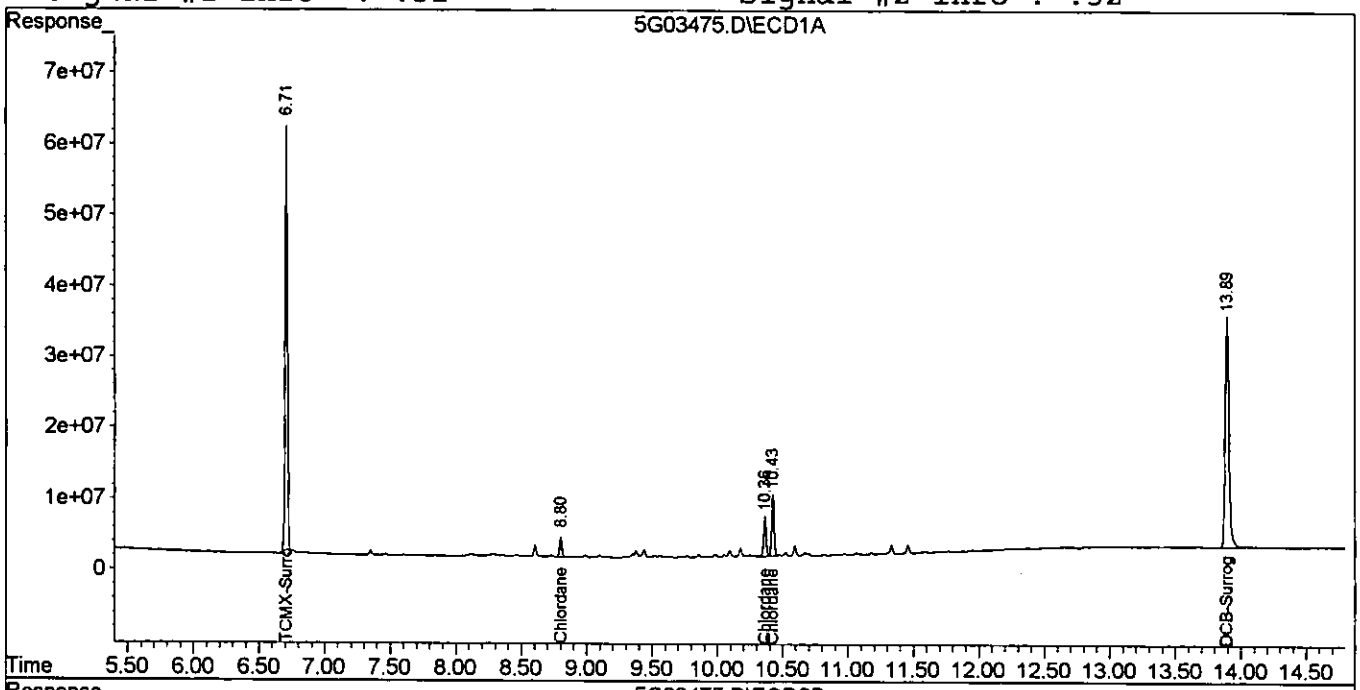
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

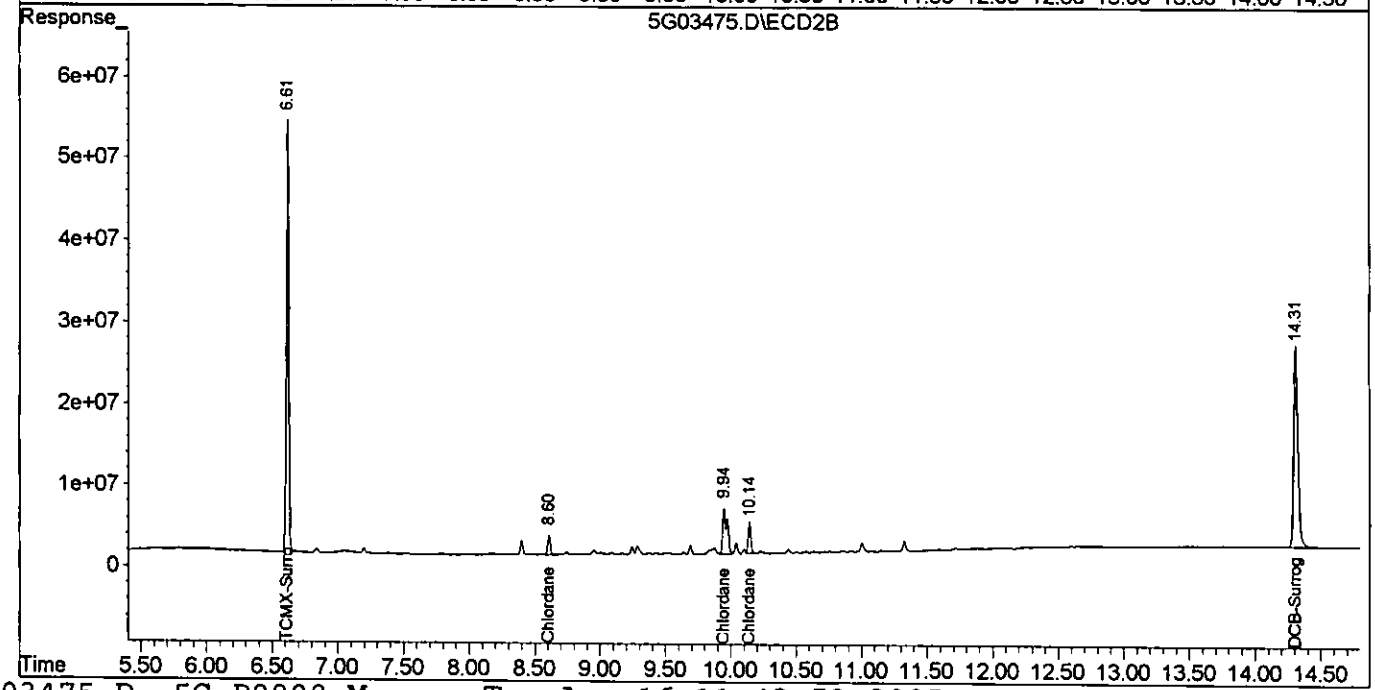
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD1A.CH Vial: 19
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03475.D\ECD2B.CH
Acq On : 8-8-05 9:05:03 Operator: JK
Sample : CAL CHLOR@100PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 8 9:30 2005 Quant Results File: 5G_P0808.RES

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

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





Quantitation Report (QT Reviewed)

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

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

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

08/16/05

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

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

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

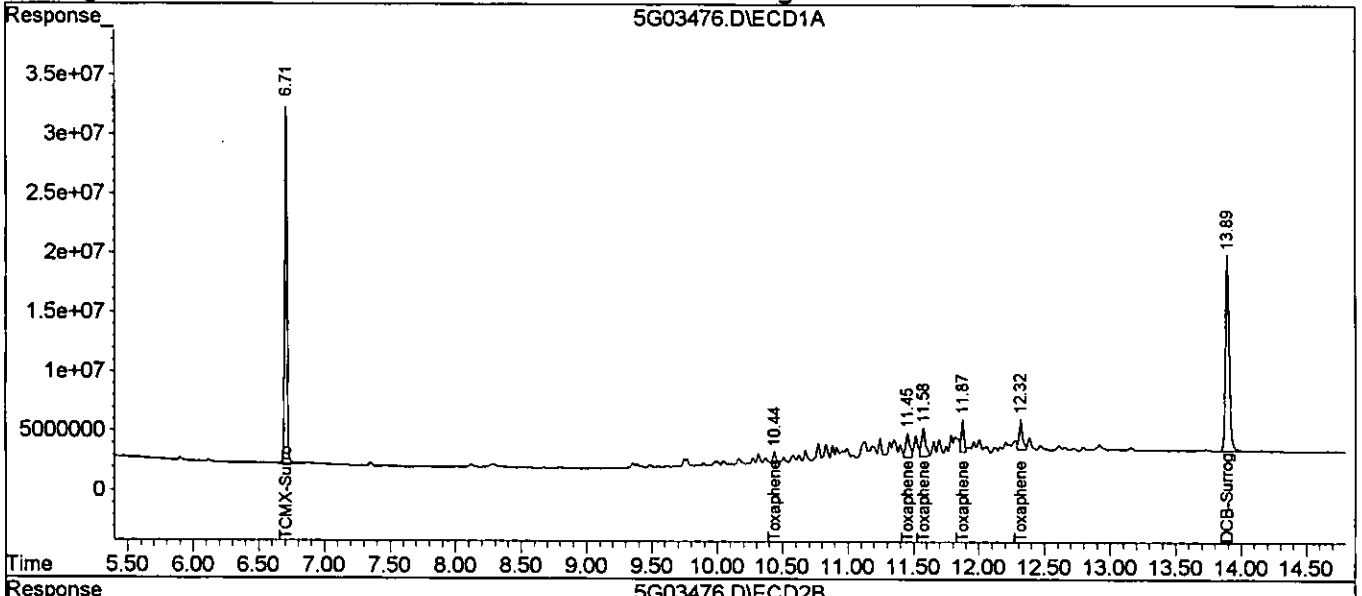
Quantitation Report

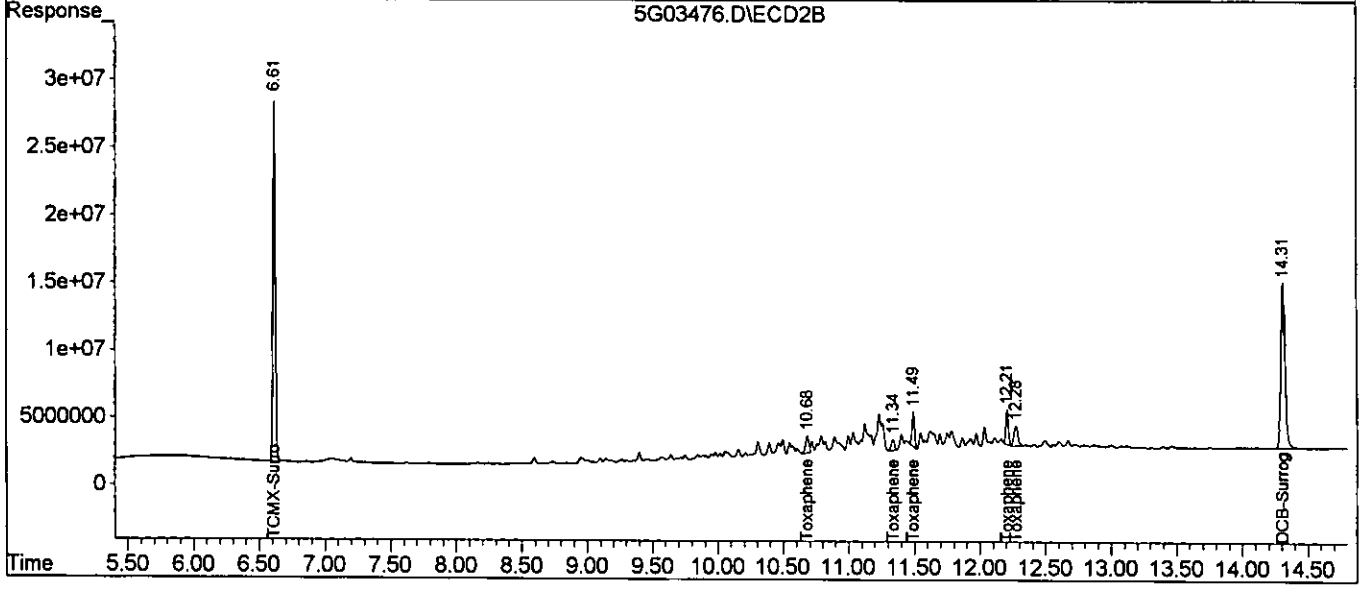
Data File : G:\Gcdata\2005\Gc_5\Data\08-08-05\5G03476.D\ECD1A.CH Vial: 10
Acq On : 8-8-05 9:23:53 Operator: JK
Sample : CAL TOXAPH@500PPB Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile : PEST1.E

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

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

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





Form7
Continuing Calibration

Data File:				3G08505.D			3G08527.D			5G03518.D			5G03539.D									
Method:				8081			8081			8081			8081									
Calibration Name:				CALPEST@100PP			CAL PEST@50PPB			CAL PEST@10PPB			CAL PEST@100PP									
Calibration Date/Time				08/10/05 05:31			08/10/05 12:05			08/12/05 06:58			08/12/05 14:39									
				Conc			Conc			Conc			Conc			Conc			Conc			
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	
TCMX-Surrogate	15	1	0	107.7	100	7.7	46.76	50	6.5	9.24	10	7.6	104.4	100	4.4							
alpha-BHC	15	1	0	107.6	100	7.6	43.53	50	12.9	8.9	10	11.0	112.1	100	12.1							
gamma-BHC	15	1	0	109.2	100	9.2	45.6	50	8.8	9.46	10	5.4	111.9	100	11.9							
beta-BHC	15	1	0	106.8	100	6.8	46.6	50	6.8	10.31	10	3.1	99.66	100	0.3							
Heptachlor	15	1	0	106	100	6.0	48.68	50	2.6	10.22	10	2.2	94.06	100	5.9							
delta-BHC	15	1	0	102.8	100	2.8	43.81	50	12.4	9.53	10	4.7	106.5	100	6.5							
Aldrin	15	1	0	112.0	100	12.0	45.42	50	9.2	9.69	10	3.1	105.0	100	5.0							
Heptachlor Epoxide	15	1	0	110.7	100	10.7	47.83	50	4.3	10.37	10	3.7	107.7	100	7.7							
y-chlordane	15	1	0	114.7	100	14.7	46.73	50	6.5	10.3	10	3.0	99.33	100	0.7							
a-chlordane	15	1	0	111.5	100	11.5	48.36	50	3.3	10.54	10	5.4	97.62	100	2.4							
Endosulfan I	15	1	0	115.8	100	15.8*	46.94	50	6.1	10.42	10	4.2	104.5	100	4.5							
p,p'-DDE	15	1	0	113.3	100	13.3	49.27	50	1.5	10.55	10	5.5	94.72	100	5.3							
Dieldrin	15	1	0	97.65	100	2.3	47.66	50	4.7	10.77	10	7.7	111.6	100	11.6							
Endrin	15	1	0	97.36	100	2.6	48.51	50	3.0	10.92	10	9.2	111.1	100	11.1							
p,p'-DDD	15	1	0	90.93	100	9.1	47.56	50	4.9	11.04	10	10.4	101.1	100	1.1							
Endosulfan II	15	1	0	107.1	100	7.1	46.27	50	7.5	11.08	10	10.8	102.3	100	2.3							
p,p'-DDT	15	1	0	104.9	100	4.9	40.23	50	19.5*	9.58	10	4.2	82.27	100	17.7*							
Endrin Aldehyde	15	1	0	96.7	100	3.3	46.18	50	7.6	10.23	10	2.3	104.3	100	4.3							
Endosulfan Sulfate	15	1	0	98.3	100	1.7	46.39	50	7.2	10.61	10	6.1	98.03	100	2.0							
Methoxychlor	15	1	0	80.59	100	19.4*	43.25	50	13.5	10.44	10	4.4	91.89	100	8.1							
Endrin Ketone	15	1	0	93.87	100	6.1	43.19	50	13.6	11.16	10	11.6	104.0	100	4.0							
DCB-Surrogate	15	1	0	98.7	100	1.3	46.53	50	6.9	11.11	10	11.1	85.59	100	14.4							
Average Difference	15	1	0			8.0			7.7			6.2			6.5							
TCMX-Surrogate	15	2	0	104.7	100	4.7	48.11	50	3.8	9.38	10	6.2	103.6	100	3.6							
alpha-BHC	15	2	0	97.97	100	2.0	44.8	50	10.4	9.27	10	7.3	103.9	100	3.8							
gamma-BHC	15	2	0	94.59	100	5.4	47.12	50	5.8	9.46	10	5.4	100.5	100	0.5							
beta-BHC	15	2	0	105.8	100	5.8	50.5	50	1.0	10.34	10	3.4	92.02	100	8.0							
Heptachlor	15	2	0	81.54	100	18.5*	46.11	50	7.8	10.46	10	4.6	82.79	100	17.2*							
delta-BHC	15	2	0	95.41	100	4.6	48.96	50	2.1	9.46	10	5.4	92.65	100	7.3							
Aldrin	15	2	0	99.87	100	0.1	45.7	50	8.6	10.01	10	0.1	97.61	100	2.4							
Heptachlor Epoxide	15	2	0	99.57	100	0.4	47.82	50	4.4	10.14	10	1.4	96.13	100	3.9							
y-chlordane	15	2	0	101.2	100	1.2	47.95	50	4.1	10.39	10	3.9	92.7	100	7.3							
a-chlordane	15	2	0	108.7	100	8.7	47.76	50	4.5	10.55	10	5.5	90.13	100	9.9							
Endosulfan I	15	2	0	101.4	100	1.3	47.29	50	5.4	10.36	10	3.6	91.37	100	8.6							
p,p'-DDE	15	2	0	101.8	100	1.8	47.5	50	5.0	10.46	10	4.6	92.6	100	7.4							
Dieldrin	15	2	0	93.41	100	6.6	46.38	50	7.2	9.79	10	2.1	105.2	100	5.2							
Endrin	15	2	0	87.84	100	12.2	47.8	50	4.4	9.78	10	2.2	104.9	100	4.9							
p,p'-DDD	15	2	0	84.96	100	15.0	45.1	50	9.8	10.8	10	8.0	105.1	100	5.1							
Endosulfan II	15	2	0	99.24	100	0.8	46.25	50	7.5	11.05	10	10.5	92.51	100	7.5							
p,p'-DDT	15	2	0	85.85	100	14.2	42.96	50	14.1	10.52	10	5.2	88.77	100	11.2							
Endrin Aldehyde	15	2	0	98.17	100	1.8	44.59	50	10.8	10.12	10	1.2	91.16	100	8.8							
Endosulfan Sulfate	15	2	0	97.84	100	2.2	46.26	50	7.5	10.19	10	1.9	87.08	100	12.9							
Methoxychlor	15	2	0	65.57	100	34.4*	50.2	50	0.4	10.65	10	6.5	107.3	100	7.3							
Endrin Ketone	15	2	0	90.92	100	9.1	44.78	50	10.4	10.67	10	6.7	87.29	100	12.7							
DCB-Surrogate	15	2	0	94.92	100	5.1	46.12	50	7.8	10.86	10	8.6	81.25	100	18.8*							
Average Difference	15	2	0			7.1			6.5			4.7			7.9							

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\08-10-05\3G08505.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD2B.CH
Acq On : 10 Aug 2005 5:31 Operator: JK
Sample : CALPEST@100PPB Inst : GC_3
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 7:21 2005 Quant Results File: 3G_P0803.RES

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

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

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

08/16/05

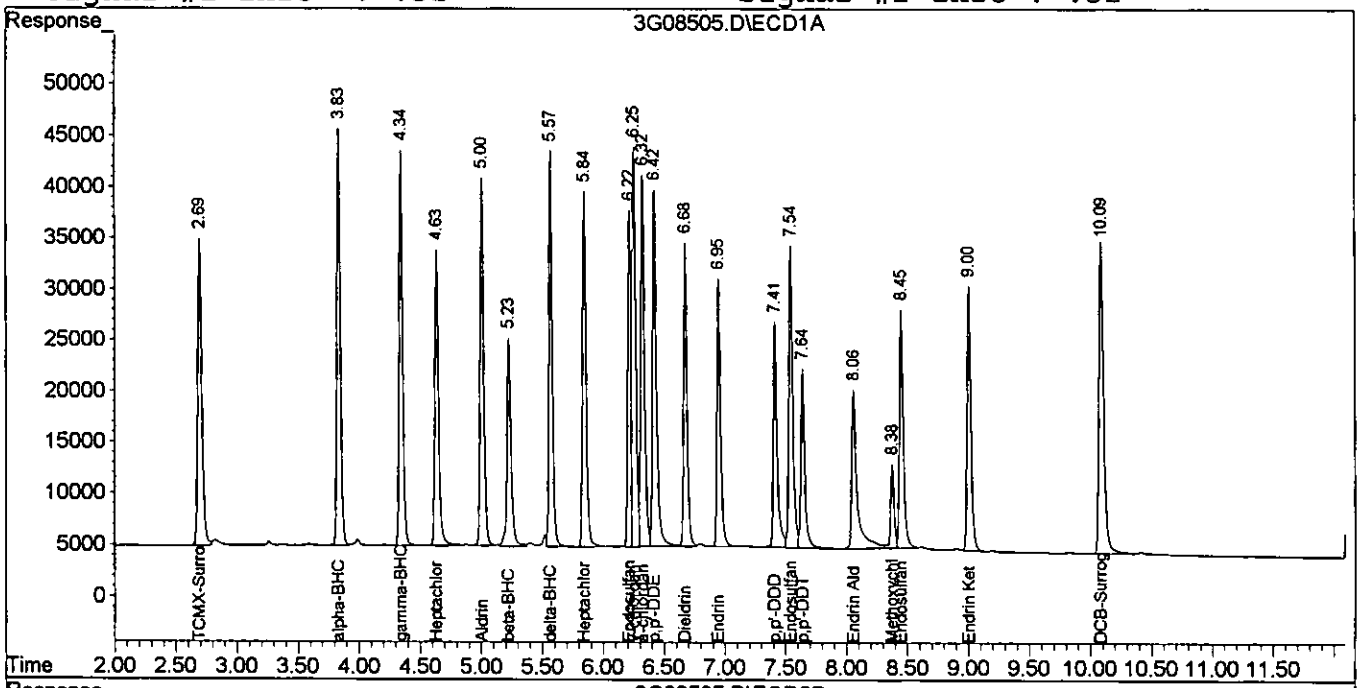
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

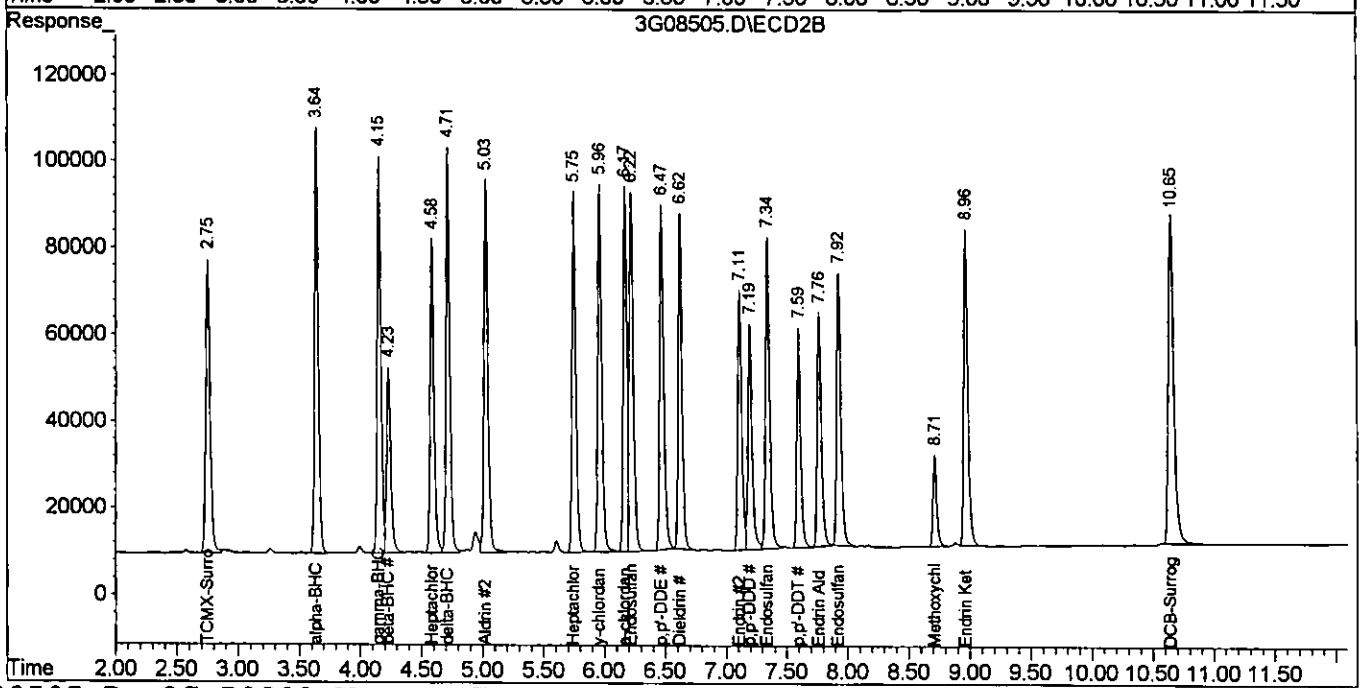
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08505.D\ECD2B.CH
Acq On : 10 Aug 2005 5:31 Operator: JK
Sample : CALPEST@100PPB Inst : GC_3
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 7:21 2005 Quant Results File: 3G_P0803.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD1A.CH Vial: 23
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD2B.CH
Acq On : 10 Aug 2005 12:05 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 12:41 2005 Quant Results File: 3G_P0803.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.68	2.74	323849	851519	46.756	48.109
2)	alpha-BHC	3.83	3.63	324757	962554	43.534	44.803
3)	gamma-BHC	4.34	4.15	331681	947295	45.602	47.116
4)	beta-BHC	5.22	4.23	223978	539962	46.599	50.498
5)	Heptachlor	4.63	4.58	300077	903256	48.681	46.108
6)	delta-BHC	5.57	4.71	329138	1003312	43.814	48.956
7)	Aldrin	5.00	5.02	306995	897446	45.419	45.696
8)	Heptachlor Epoxi	5.84	5.75	298435	874643	47.829	47.823
9)	y-chlordane	6.25	5.96	344854	892089	46.732	47.954
10)	a-chlordane	6.32	6.17	331738	820775	48.364	47.760
11)	Endosulfan I	6.22	6.22	250143	922879	46.935	47.292
12)	p,p'-DDE	6.42	6.47	336927	864852	49.271	47.503
13)	Dieldrin	6.68	6.62	280453	822762	47.661	46.378
14)	Endrin	6.95	7.11	263439	730726	48.505	47.797
15)	p,p'-DDD	7.41	7.19	249600	671743	47.557	45.096
16)	Endosulfan II	7.54	7.34	281326	787801	46.265	46.248
17)	p,p'-DDT	7.64	7.59	138102	542212	40.233	42.962
18)	Endrin Aldehyde	8.06	7.76	226536	632780	46.180	44.593
19)	Endosulfan Sulfa	8.45	7.92	236704	702677	46.386	46.259
20)	Methoxychlor	8.38	8.71	87609	347044	43.246	50.201
21)	Endrin Ketone	9.01	8.97	270717	839907	43.185	44.782
22)	DCB-Surrogate	10.09	10.65	385176	1136143	46.526	46.123

08/16/05

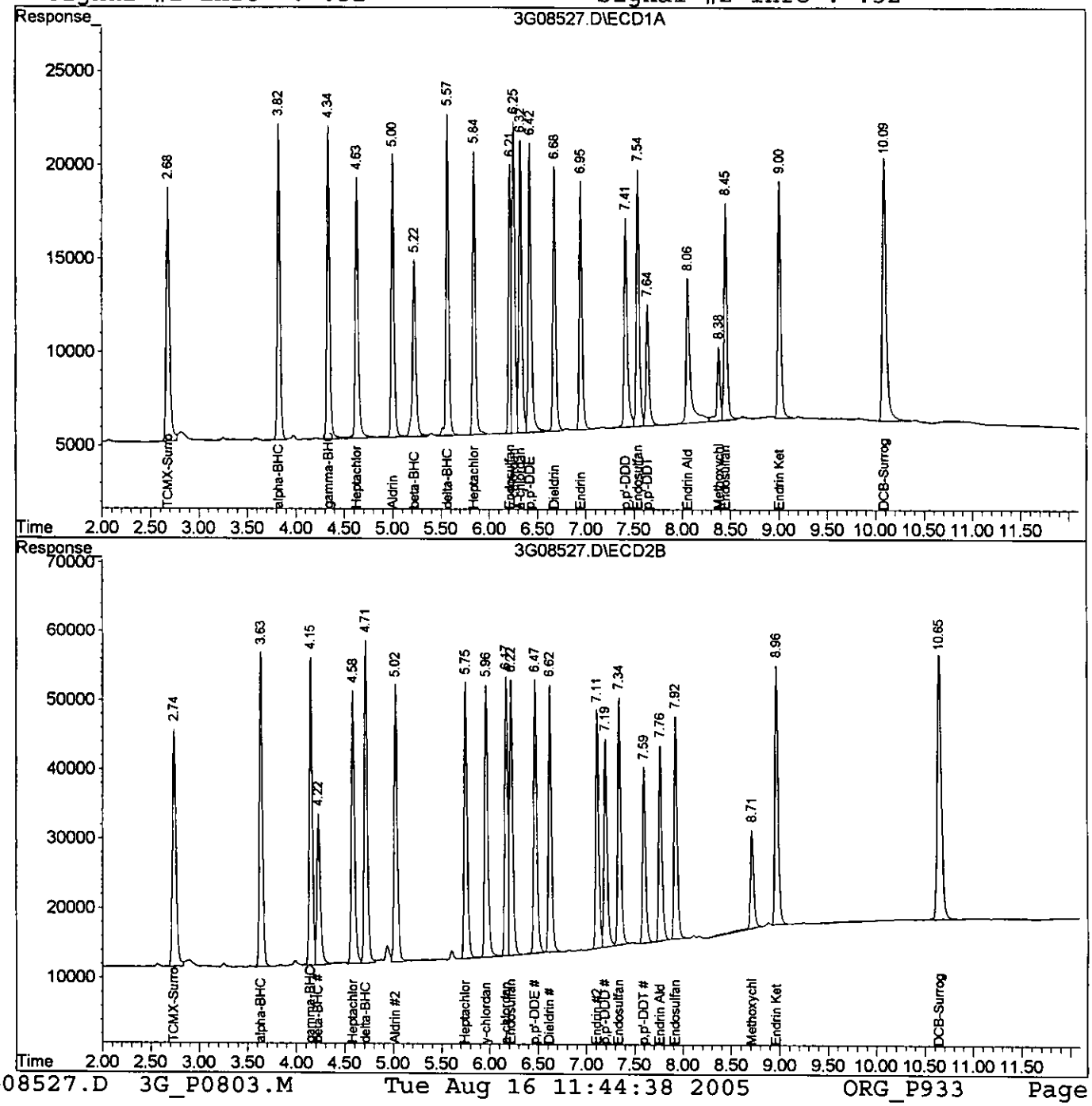
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD1A.CH Vial: 23
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08527.D\ECD2B.CH
Acq On : 10 Aug 2005 12:05 Operator: JK
Sample : CAL PEST@50PPB Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 12:41 2005 Quant Results File: 3G_P0803.RES

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

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03518.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03518.D\ECD2B.CH
Acq On : 8-12-05 6:58:25 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : A,PEST:5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 7:43 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	71031405	63917923	9.243	9.375
2)	alpha-BHC	8.01	7.62	77166324	82154167	8.899	9.269
3)	gamma-BHC	8.53	8.16	71572749	73582715	9.462	9.463
4)	beta-BHC	9.42	8.24	37034927	36484151	10.307	10.336
5)	Heptachlor	8.80	8.61	62253076	60767778	10.217	10.455
6)	delta-BHC	9.75	8.74	69191312	75110464	9.529	9.463
7)	Aldrin	9.17	9.05	72655300	69063320	9.694	10.014
8)	Heptachlor Epoxi	9.98	9.75	63181885	62479307	10.373	10.144
9)	y-chlordane	10.37	9.94	69362771	65225314	10.303	10.386
10)	a-chlordane	10.43	10.14	69824719	65671280	10.541	10.545
11)	Endosulfan I	10.33	10.19	61363632	61344557	10.424	10.356
12)	p,p'-DDE	10.50	10.41	74120827	63994083	10.555	10.464
13)	Dieldrin	10.76	10.57	53680658	51200301	10.766	9.794
14)	Endrin	11.01	11.02	49122473	41656757	10.921	9.777
15)	p,p'-DDD	11.42	11.07	47360765	40264155	11.038	10.800
16)	Endosulfan II	11.55	11.22	56631032	55642976	11.078	11.049
17)	p,p'-DDT	11.61	11.44	37681457	43212922	9.579	10.516
18)	Endrin Aldehyde	12.03	11.60	31315108	40515604	10.227	10.123
19)	Endosulfan Sulfa	12.37	11.74	48322916	45737120	10.606m	10.190
20)	Methoxychlor	12.26	12.43	17247531	16679475	10.441m	10.653
21)	Endrin Ketone	12.90	12.70	46741171	53924644	11.155m	10.670
22)	DCB-Surrogate	13.90	14.31	76548871	67240295	11.113	10.856

08/16/10

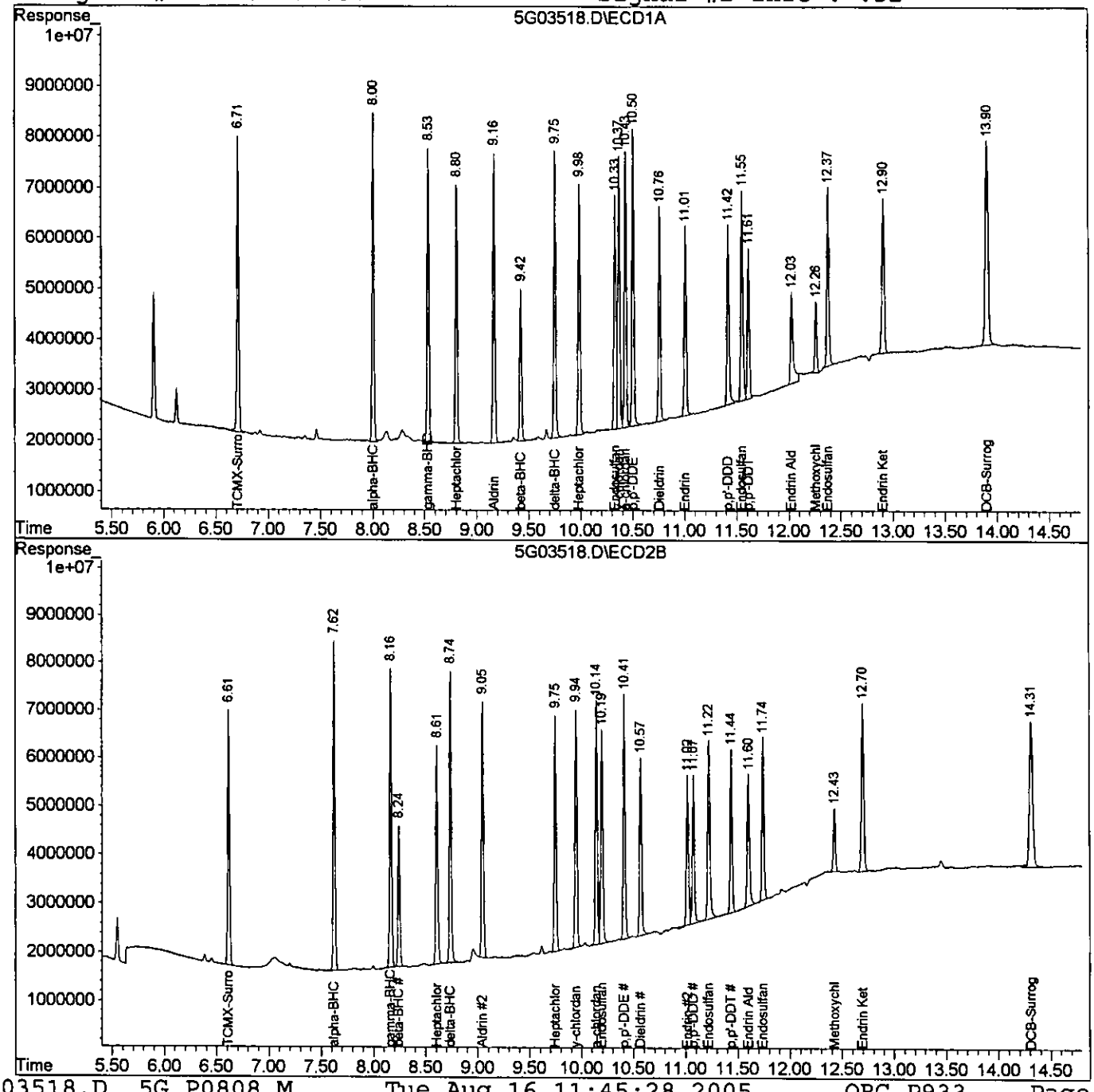
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03518.D\ECD1A.CH Vial: 2
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03518.D\ECD2B.CH
Acq On : 8-12-05 6:58:25 Operator: JK
Sample : CAL PEST@10PPB Inst : GC_5
Misc : A,PEST:5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 7:43 2005 Quant Results File: 5G_P0808.RES

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

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03539.D\ECD1A.CH Vial: 23
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03539.D\ECD2B.CH
Acq On : 8-12-05 14:39:14 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 14:54 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	802.1E6	706.5E6	104.374	103.622
2)	alpha-BHC	8.01	7.62	972.3E6	920.4E6	112.119	103.850
3)	gamma-BHC	8.53	8.16	846.6E6	781.6E6	111.913	100.510
4)	beta-BHC	9.42	8.24	358.1E6	324.8E6	99.656	92.018
5)	Heptachlor	8.81	8.61	573.1E6	481.2E6	94.056	82.792
6)	delta-BHC	9.75	8.74	773.1E6	735.4E6	106.465	92.652
7)	Aldrin	9.17	9.05	787.2E6	673.2E6	105.024	97.615
8)	Heptachlor Epoxi	9.99	9.75	655.8E6	592.1E6	107.670	96.133
9)	y-chlordane	10.37	9.95	668.7E6	582.2E6	99.331	92.698
10)	a-chlordane	10.43	10.14	646.7E6	561.3E6	97.623	90.127
11)	Endosulfan I	10.33	10.19	615.2E6	541.2E6	104.517	91.365
12)	p,p'-DDE	10.50	10.41	665.2E6	566.4E6	94.719	92.604
13)	Dieldrin	10.76	10.57	556.2E6	550.1E6	111.557	105.217
14)	Endrin	11.01	11.02	499.8E6	447.0E6	111.116	104.904
15)	p,p'-DDD	11.42	11.07	433.9E6	391.9E6	101.124	105.130
16)	Endosulfan II	11.55	11.22	522.8E6	465.9E6	102.277	92.512
17)	p,p'-DDT	11.61	11.44	323.6E6	364.8E6	82.274	88.766
18)	Endrin Aldehyde	12.03	11.60	319.3E6	364.8E6	104.277	91.158
19)	Endosulfan Sulfa	12.38	11.74	446.6E6	390.9E6	98.029	87.081
20)	Methoxychlor	12.26	12.43	151.8E6	168.0E6	91.890	107.265
21)	Endrin Ketone	12.91	12.70	435.8E6	441.1E6	104.014	87.287
22)	DCB-Surrogate	13.90	14.31	589.6E6	503.2E6	85.594	81.249

08/16/05

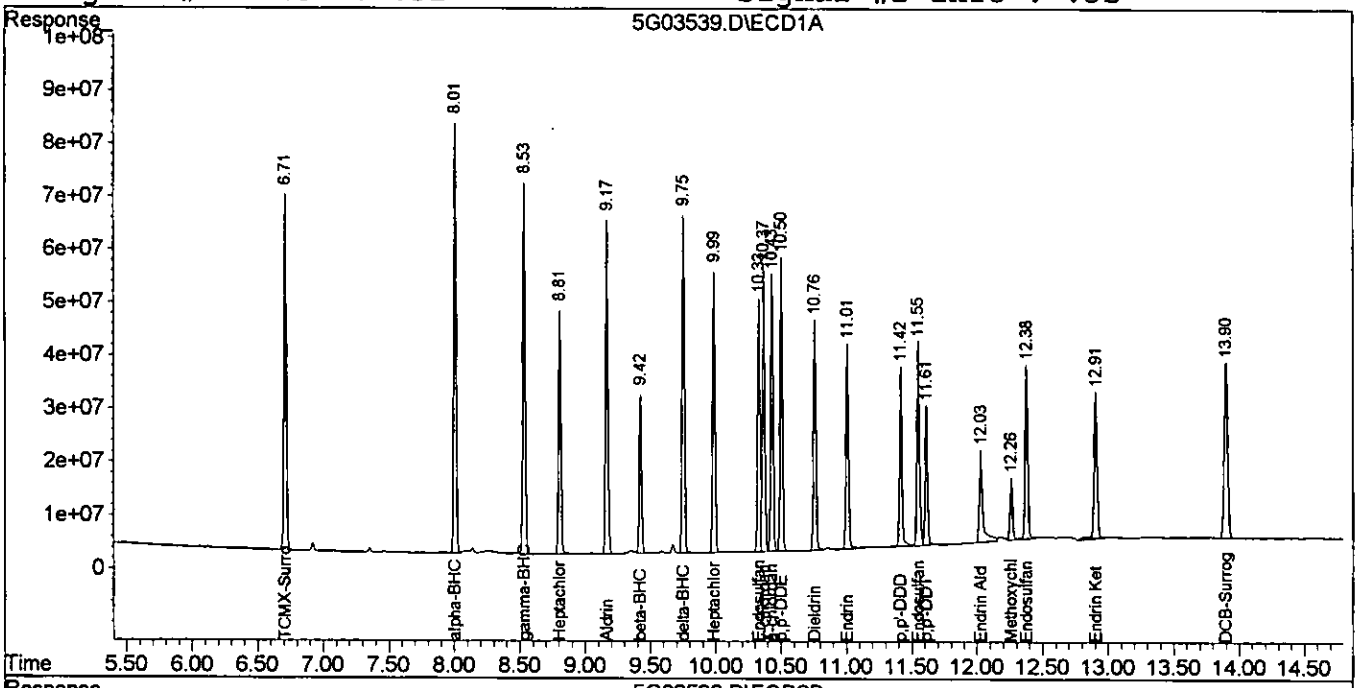
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

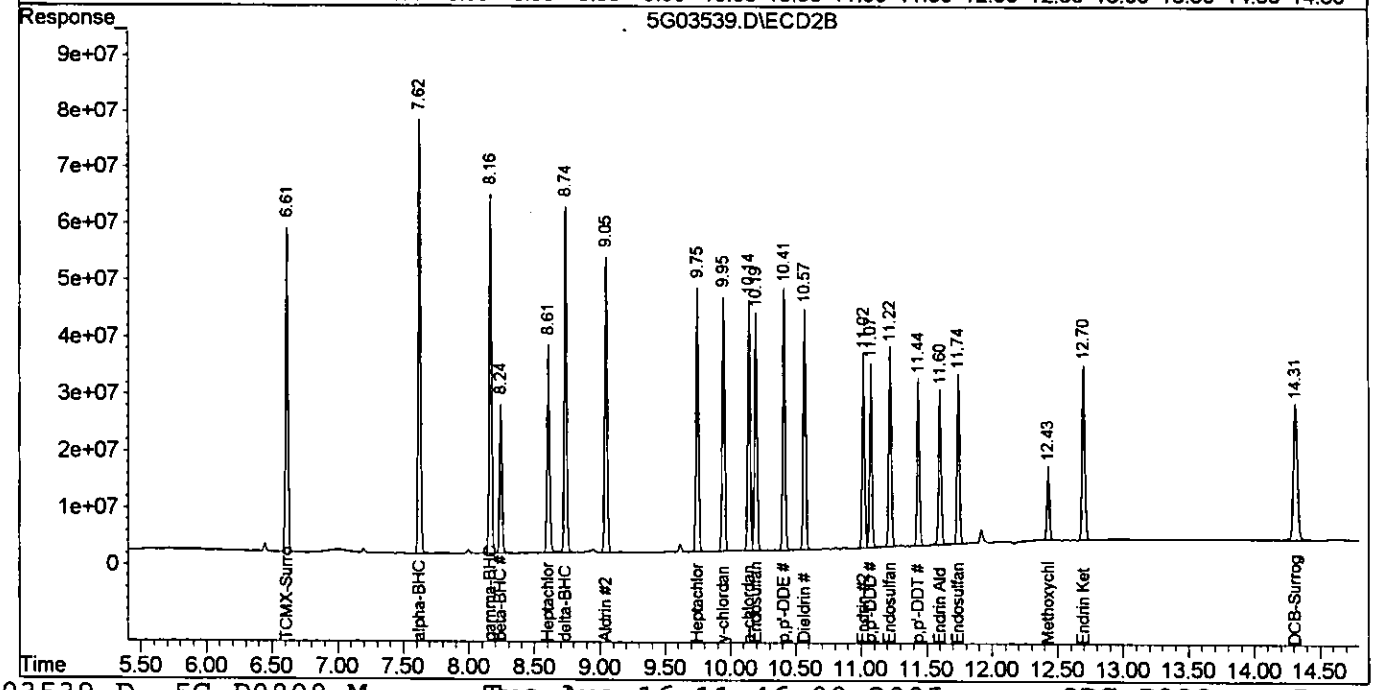
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03539.D\ECD1A.CH Vial: 23
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03539.D\ECD2B.CH
Acq On : 8-12-05 14:39:14 Operator: JK
Sample : CAL PEST@100PPB Inst : GC_5
Misc : S,PEST:0.5 Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 14:54 2005 Quant Results File: 5G_P0808.RES

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

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





GC Pesticide Data
Raw QC Data

FORM 3
Spike Recovery

Batch Number: SMB733B
Mbs Name: SMB733B(MS)
Ns Name: AC18916-008
Ms Name: AC18916-009(MS:
Msd Name: AC18916-010(MSD

Mbs File: 3G08512.D
Non Spk'd File: 3G08513.D
Spike File: 3G08514.D
Spike Dup File: 3G08515.D
Matrix: Soil
Method: 8081

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

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD1A.CH Vial: 69
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD2B.CH
Acq On : 10 Aug 2005 7:36 Operator: JK
Sample : SMB733B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 7:46 2005 Quant Results File: 3G_P0803.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.69	2.75	522313	1267251	78.890	77.154	
2)	alpha-BHC	3.83	3.64	602516	1629585	82.994	77.483	
3)	gamma-BHC	4.34	4.15	614534	1588172	88.572	78.991	
4)	beta-BHC	5.22	4.23	403180	890942	91.812	90.685	
5)	Heptachlor	4.63	4.58	553121	1507949	95.873	76.976	
6)	delta-BHC	5.57	4.71	435452	1228835	59.891	59.961	
7)	Aldrin	5.00	5.02	586191	1572131	89.859	80.049	
8)	Heptachlor Epoxi	5.84	5.75	577925	1541629	92.622	84.292	
11)	Endosulfan I	6.21	6.22	551918	1474689	114.936	75.569	#
12)	p,p'-DDE	6.42	6.47	637206	1556542	93.184	85.495	
13)	Dieldrin	6.67	6.62	538659	1496682	91.541	84.367	
14)	Endrin	6.95	7.11	496505	1256223	91.418	82.170	
15)	p,p'-DDD	7.41	7.19	447384	1188553	85.241	82.492	
16)	Endosulfan II	7.54	7.34	545681	1398098	89.739	82.075	
17)	p,p'-DDT	7.64	7.59	331410	1030077	91.831	80.695	
18)	Endrin Aldehyde	8.06	7.76	403753	1063759	82.305	80.801	
19)	Endosulfan Sulfa	8.45	7.92	420409	1181866	82.385	77.805	
20)	Methoxychlor	8.38	8.71	161057	520147	82.170	75.241	
21)	Endrin Ketone	9.00	8.96	514938	1496255	86.668	79.777	
22)	DCB-Surrogate	10.09	10.65	677275	1917493	81.809	77.844	

08/16/05

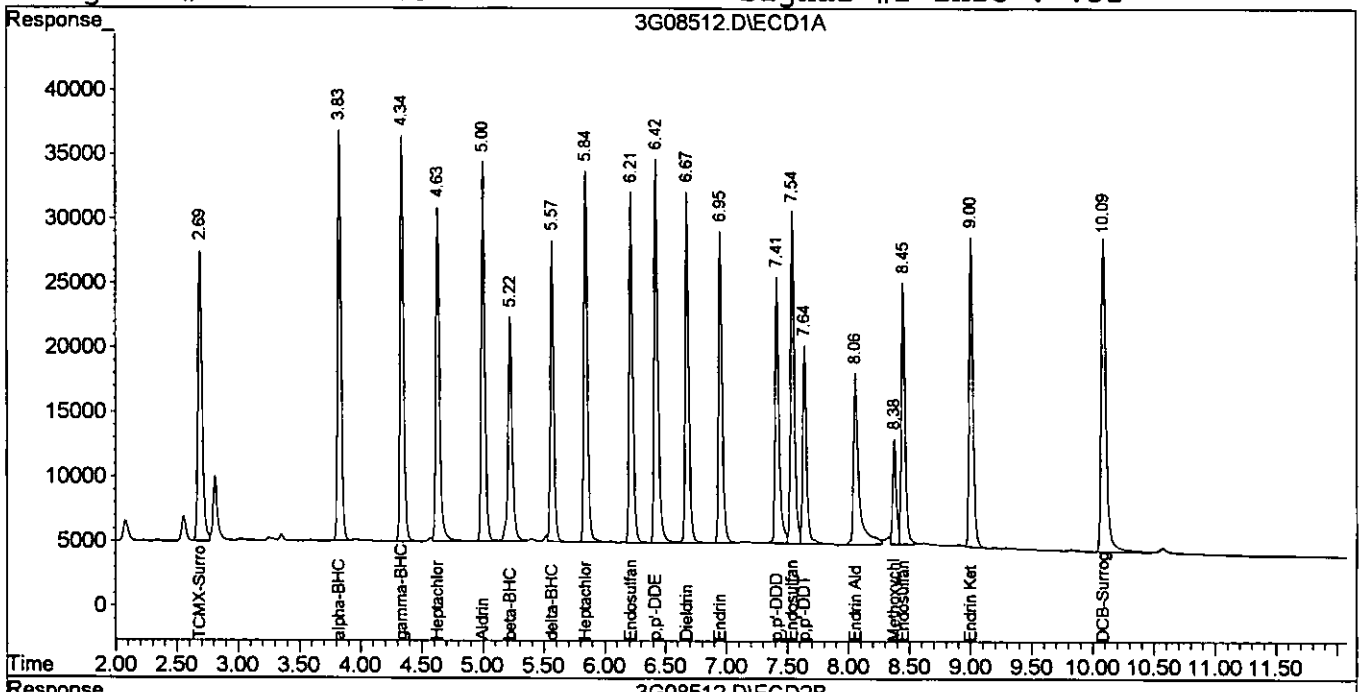
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

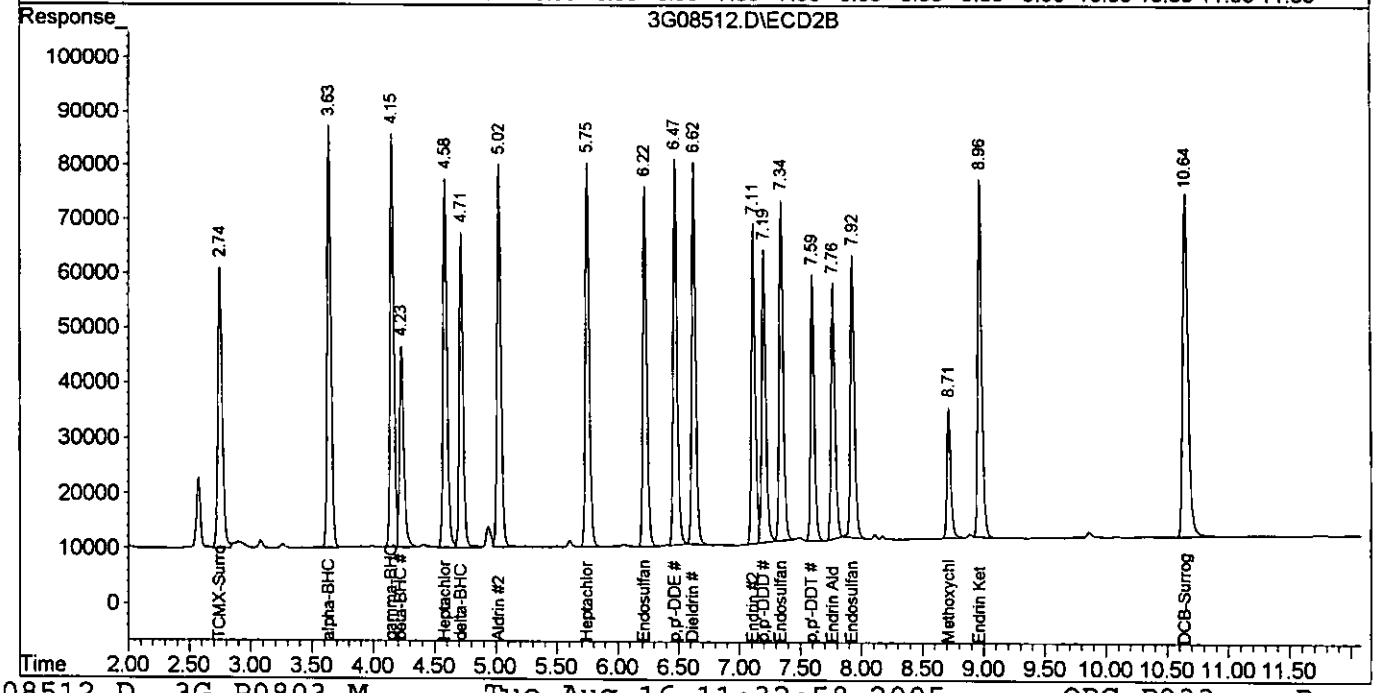
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD1A.CH Vial: 9
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08512.D\ECD2B.CH
Acq On : 10 Aug 2005 7:36 Operator: JK
Sample : SMB733B(MS) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 7:46 2005 Quant Results File: 3G_P0803.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH
Acq On : 10 Aug 2005 8:08 Operator: JK
Sample : AC18916-009(MS:AC18916-008) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 8:18 2005 Quant Results File: 3G_P0803.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.69	2.75	529846	1264514	80.126	76.962	
2)	alpha-BHC	3.83	3.64	632033	1682701	87.187	80.085	
3)	gamma-BHC	4.34	4.15	630804	1633507	91.043	81.246	
4)	beta-BHC	5.22	4.23	409877	924654	93.550	94.545	
5)	Heptachlor	4.63	4.58	566454	1555145	98.360	79.385	
6)	delta-BHC	5.57	4.71	452380	1261794	62.450	61.569	
7)	Aldrin	5.00	5.03	609898	1568668	93.632	79.872	
8)	Heptachlor Epoxi	5.84	5.75	601061	1572368	96.330	85.973	
11)	Endosulfan I	6.22	6.22	592914	1494397	124.173	76.579	#
12)	p,p'-DDE	6.42	6.47	683414	1611575	99.941	88.517	
13)	Dieldrin	6.68	6.62	588478	1620069	100.007	91.322	
14)	Endrin	6.95	7.11	578408	1333889	106.498	87.250	
15)	p,p'-DDD	7.41	7.19	501433	1276076	95.539	88.825	
16)	Endosulfan II	7.54	7.34	584621	1447833	96.143	84.995	
17)	p,p'-DDT	7.64	7.59	338560	1124158	93.740	87.971	
18)	Endrin Aldehyde	8.06	7.76	407869	998966	83.145	75.357	
19)	Endosulfan Sulfa	8.45	7.92	435254	1191734	85.294	78.454	
20)	Methoxychlor	8.38	8.71	165353	535009	84.447	77.391	
21)	Endrin Ketone	9.00	8.97	570325	1523160	96.529	81.212	
22)	DCB-Surrogate	10.09	10.65	670840	2364630	81.031	95.996	

08/16/05

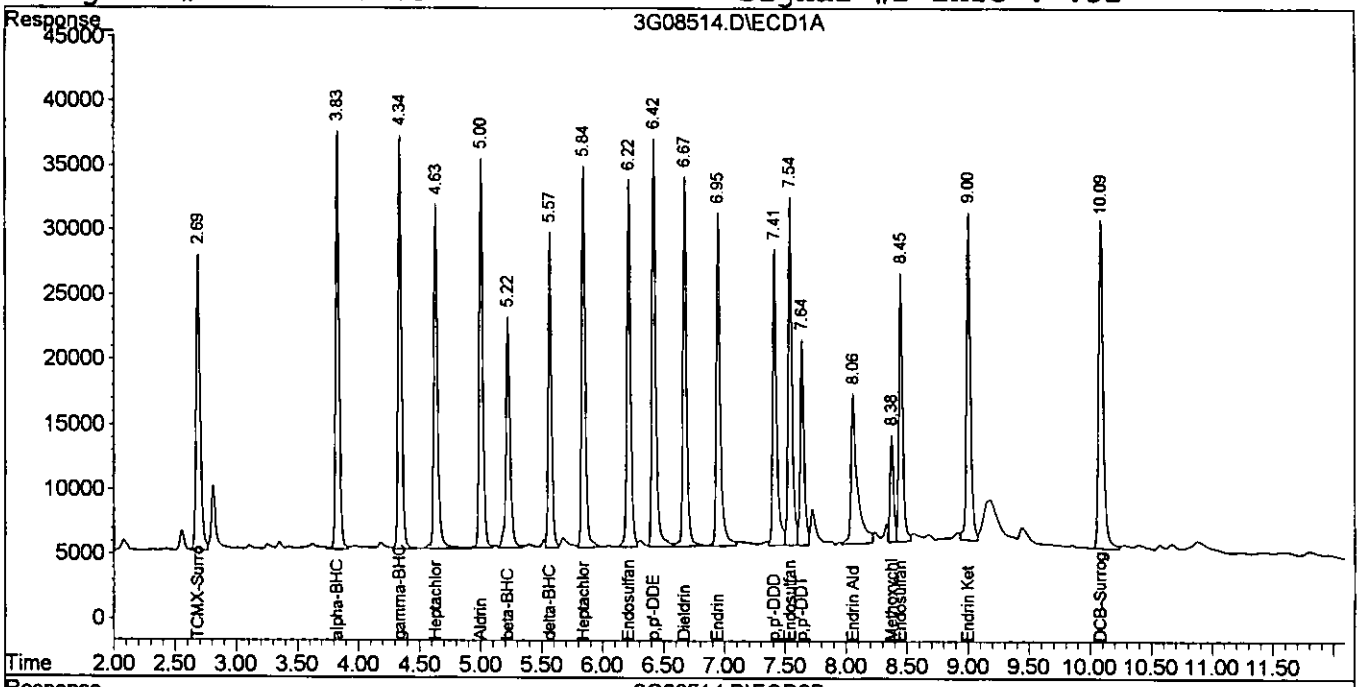
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

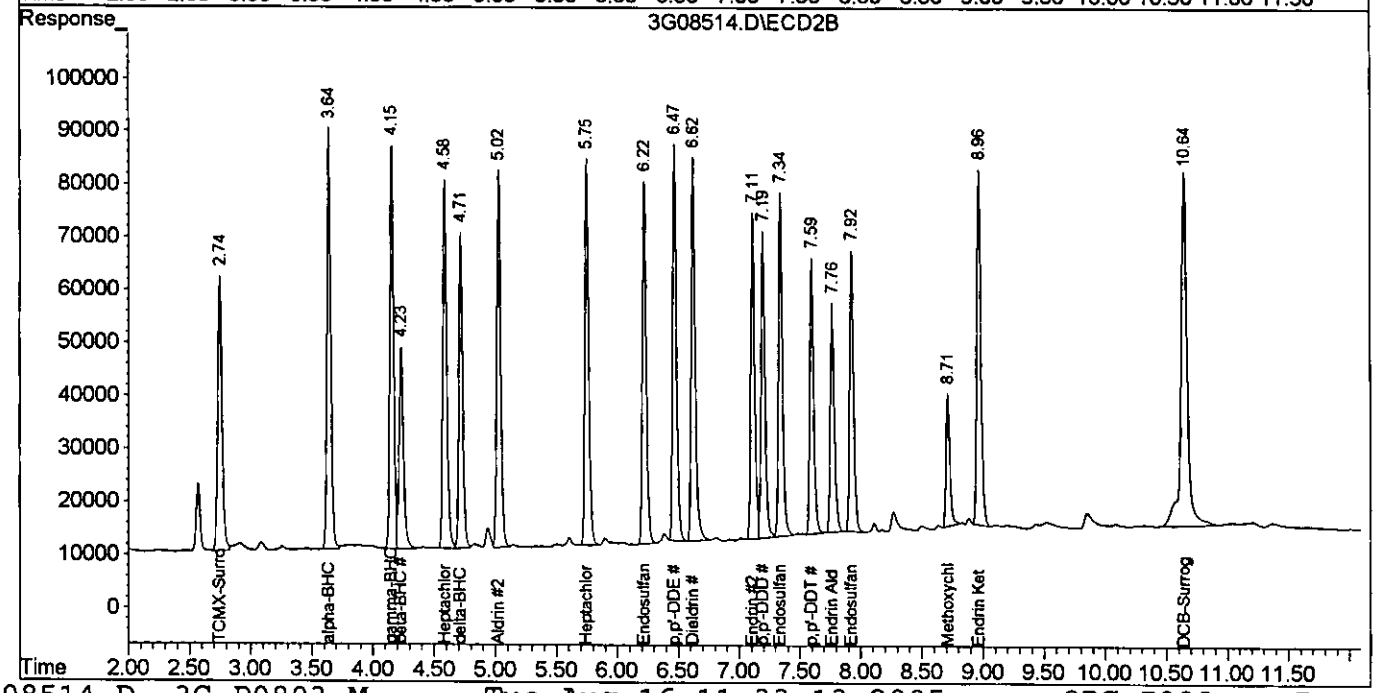
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD1A.CH Vial: 11
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08514.D\ECD2B.CH
Acq On : 10 Aug 2005 8:08 Operator: JK
Sample : AC18916-009(MS:AC18916-008) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 8:18 2005 Quant Results File: 3G_P0803.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
Acq On : 10 Aug 2005 8:25 Operator: JK
Sample : AC18916-010(MSD:AC18916-008) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 8:48 2005 Quant Results File: 3G_P0803.RES

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.69	2.74	480692	1109548	72.084	66.136	
2)	alpha-BHC	3.83	3.63	594965	1437199	81.921	68.057	
3)	gamma-BHC	4.34	4.15	586897	1418510	84.373	70.553	
4)	beta-BHC	5.22	4.22	414176	997198	94.667	102.851	
5)	Heptachlor	4.63	4.58	521791	1435286	90.030	73.267	
6)	delta-BHC	5.57	4.71	417027	1040374	57.104m	50.765	
7)	Aldrin	5.00	5.02	548322	1625605	83.831m	82.771	
8)	Heptachlor Epoxi	5.84	5.75	558469	1406309	89.503m	76.893	
11)	Endosulfan I	6.21	6.22	501843	1226205	103.652m	62.836	#
12)	p,p'-DDE	6.42	6.47	821236	1379567	120.096m	75.774	#
13)	Dieldrin	6.67	6.62	457215	1118708	77.700m	63.061	
14)	Endrin	6.95	7.11	638327	1338175	117.530m	87.531	#
15)	p,p'-DDD	7.41	7.19	467200	1067651	89.017m	73.744	
16)	Endosulfan II	7.54	7.34	513182	1164489	84.395m	68.361	
17)	p,p'-DDT	7.64	7.59	295383	1960199	82.215m	152.632	#
18)	Endrin Aldehyde	8.09	7.76	512508	930178	104.475m	69.578m	#
19)	Endosulfan Sulfa	8.45	7.92	410573	930875	80.458m	61.281	
20)	Methoxychlor	8.37	8.71	146438	412522	74.422m	59.672	
21)	Endrin Ketone	9.00	8.96	532528	1276051	89.800m	68.036	
22)	DCB-Surrogate	10.09	10.65	573563	1748084	69.281m	70.966	

08/16/05

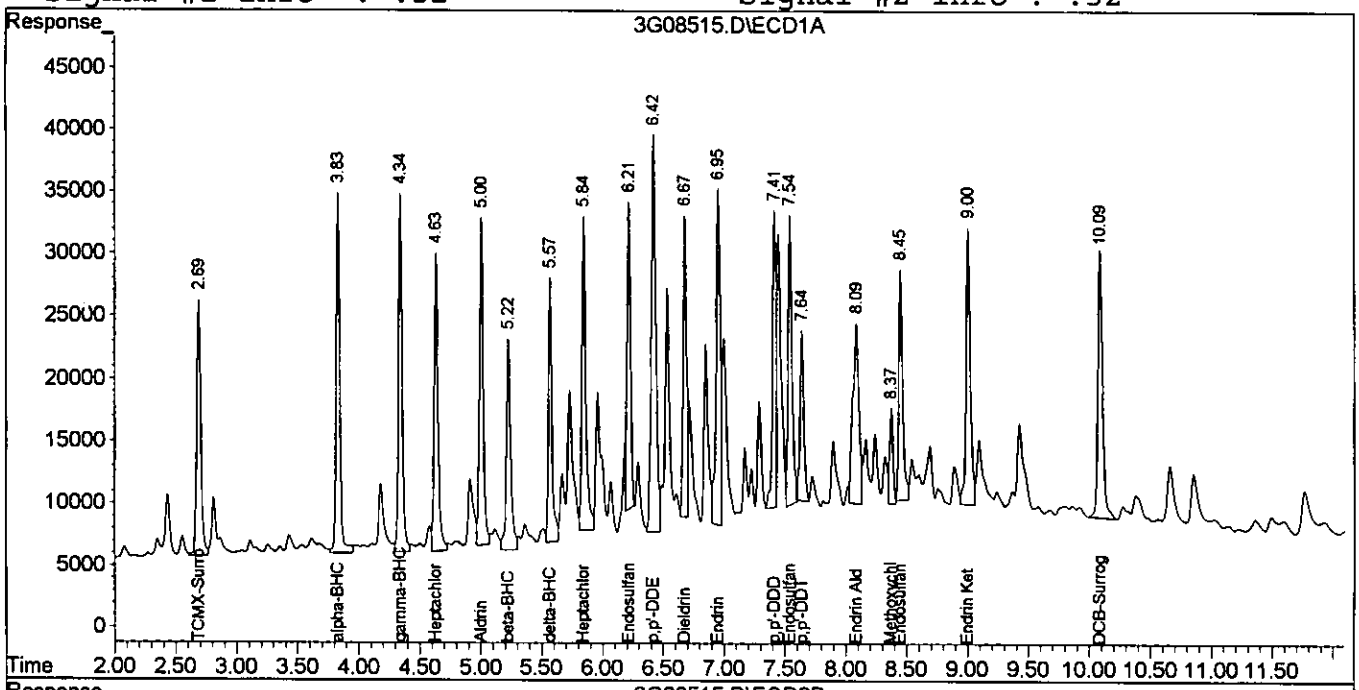
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

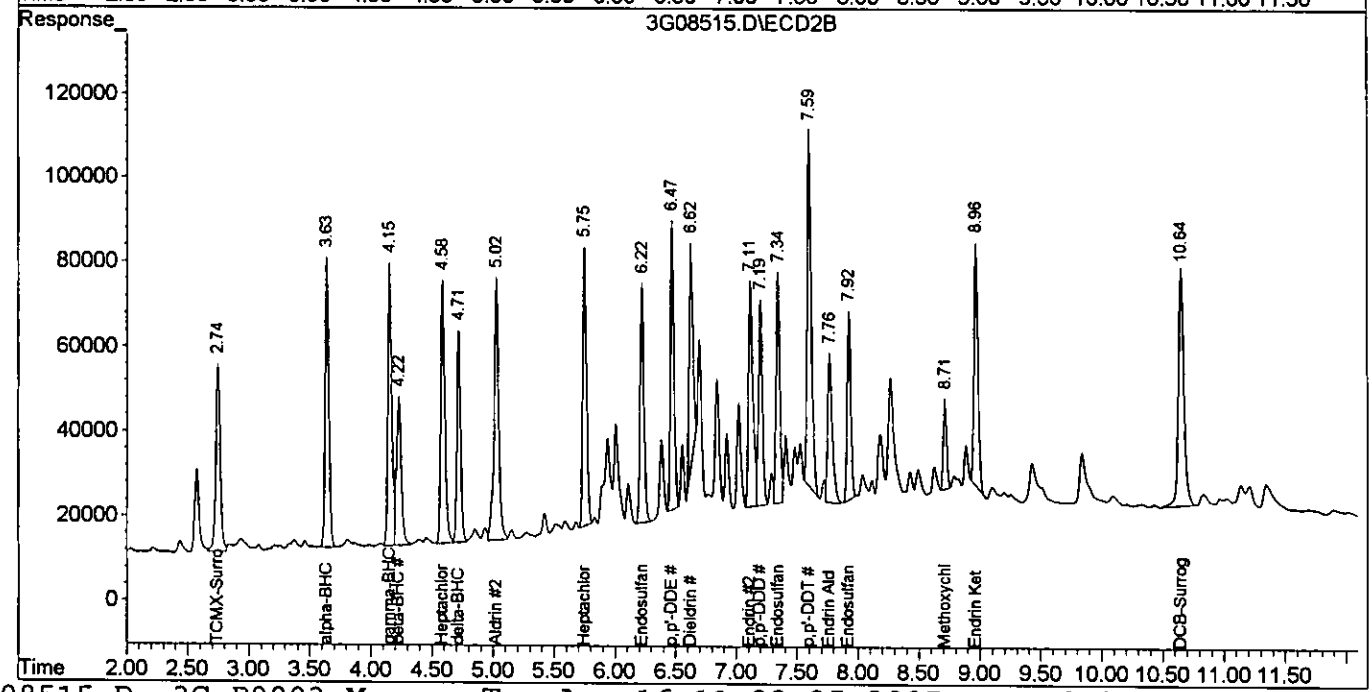
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD1A.CH Vial: 12
Signal #2 : G:\Gcdata\2005\Gc_3\Data\08-10-05\3G08515.D\ECD2B.CH
Acq On : 10 Aug 2005 8:25 Operator: JK
Sample : AC18916-010(MSD:AC18916-008) Inst : GC_3
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 10 8:48 2005 Quant Results File: 3G_P0803.RES

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

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





FORM 3

Spike Recovery

Batch Number:	SMB734B	Mbs File:	5G03523.D
Mbs Name:	SMB734B(MS)	Non Spk'd File:	5G03524.D
Ns Name:	AC18893-001	Spike File:	5G03525.D
Ms Name:	AC18893-001(MS)	Spike Dup File:	5G03526.D
Msd Name:	AC18893-001(MSD	Matrix:	Soil
		Method:	8081

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
gamma-BHC	1	0	100	46	127	50	95.98	0.00	103.49	107.44	96	103	107	3.7
Heptachlor	1	0	100	35	130	31	99.57	0.00	106.21	103.79	100	106	104	2.3
Aldrin	1	0	100	34	132	43	100.87	0.00	100.95	106.41	101	101	106	5.3
Dieldrin	1	0	100	31	134	38	115.45	0.00	144.71	159.32	115	145 Mo	159 Mo	9.6
Endrin	1	0	100	42	139	45	117.69	0.00	146.37	160.97	118	146 Mo	161 Mo	9.5
p,p'-DDT	1	0	100	23	134	50	127.66	82.78	183.75	201.20	128	101	118	9.1

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_5\Data\08-12-05\5G03523.D\ECD1A.CH Vial: 17
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03523.D\ECD2B.CH
Acq On : 8-12-05 8:36:27 Operator: JK
Sample : SMB734B(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 8:56 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	630.2E6	554.4E6	82.008	81.320
2)	alpha-BHC	8.00	7.62	792.2E6	770.6E6	91.350	86.943
3)	gamma-BHC	8.53	8.16	726.0E6	706.3E6	95.977	90.828
4)	beta-BHC	9.42	8.24	349.7E6	320.4E6	97.320	90.765
5)	Heptachlor	8.80	8.61	606.7E6	565.6E6	99.571	97.319
6)	delta-BHC	9.75	8.74	537.2E6	549.6E6	73.985	69.242
7)	Aldrin	9.16	9.05	756.0E6	674.2E6	100.871	97.762
8)	Heptachlor Epoxi	9.98	9.75	618.6E6	599.2E6	101.556	97.286
11)	Endosulfan I	10.33	10.19	647.6E6	587.9E6	110.009	99.255
12)	p,p'-DDE	10.50	10.41	781.7E6	659.3E6	111.305	107.801
13)	Dieldrin	10.75	10.57	575.7E6	578.3E6	115.454	110.627
14)	Endrin	11.00	11.02	529.3E6	474.9E6	117.686	111.464
15)	p,p'-DDD	11.41	11.07	488.3E6	419.1E6	113.803	112.413
16)	Endosulfan II	11.55	11.22	594.3E6	548.5E6	116.263	108.921
17)	p,p'-DDT	11.61	11.44	502.2E6	499.1E6	127.661	121.446
18)	Endrin Aldehyde	12.02	11.60	324.6E6	393.5E6	106.020	98.322
19)	Endosulfan Sulfa	12.37	11.74	484.1E6	468.1E6	106.261	104.280
20)	Methoxychlor	12.26	12.43	225.4E6	198.9E6	136.456	127.008
21)	Endrin Ketone	12.90	12.70	470.9E6	561.1E6	112.389	111.013
22)	DCB-Surrogate	13.89	14.31	758.2E6	625.5E6	110.078	100.995

08/16/01

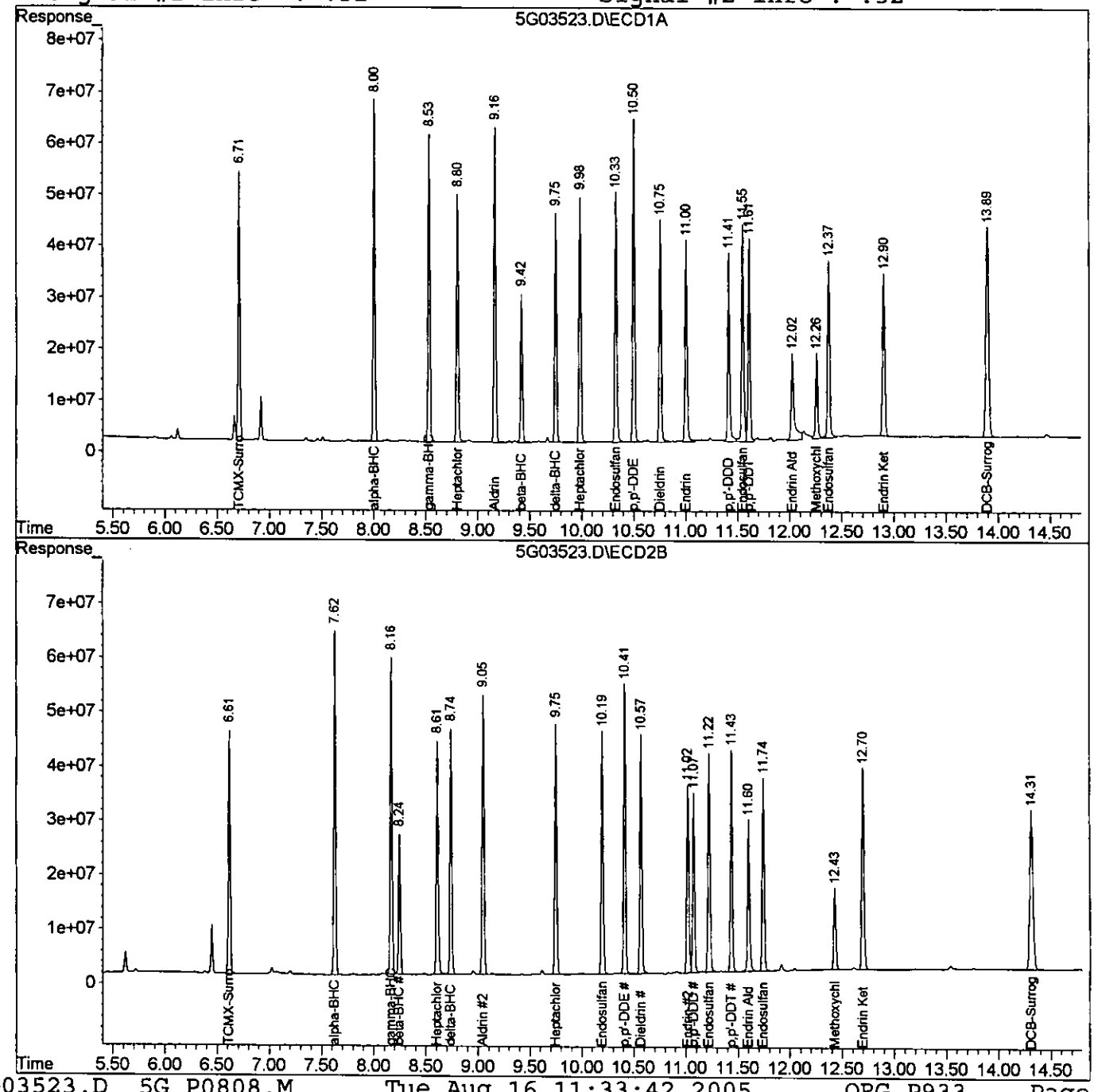
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03523.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03523.D\ECD2B.CH
Acq On : 8-12-05 8:36:27 Operator: JK
Sample : SMB734B(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 8:56 2005 Quant Results File: 5G_P0808.RES

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

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



Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03525.D\ECD1A.CH Vial: 69
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03525.D\ECD2B.CH
Acq On : 8-12-05 9:14:10 Operator: JK
Sample : AC18893-001(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 9:37 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	697.2E6	608.6E6	90.731	89.264
2)	alpha-BHC	8.00	7.62	913.9E6	793.9E6	105.389	89.579
3)	gamma-BHC	8.53	8.16	782.8E6	697.3E6	103.485	89.666
4)	beta-BHC	9.42	8.24	301.3E6	291.1E6	83.852	82.482m
5)	Heptachlor	8.80	8.61	647.2E6	629.0E6	106.215	108.225
6)	delta-BHC	9.75	8.74	693.8E6	513.3E6	95.548	64.671 #
7)	Aldrin	9.17	9.05	756.6E6	664.9E6	100.952	96.411
8)	Heptachlor Epoxi	9.98	9.75	677.2E6	665.6E6	111.175	108.056
11)	Endosulfan I	10.33	10.19	780.0E6	606.7E6	132.514m	102.430
12)	p,p'-DDE	10.50	10.41	958.4E6	832.8E6	136.470	136.167
13)	Dieldrin	10.76	10.57	721.6E6	3408.0E6	144.714	651.896 #
14)	Endrin	11.00	11.02	658.3E6	891.8E6	146.365	209.305 #
15)	p,p'-DDD	11.42	11.07	811.5E6	653.5E6	189.113	175.286
16)	Endosulfan II	11.55	11.22	624.7E6	590.8E6	122.204	117.326
17)	p,p'-DDT	11.61	11.44	722.8E6	871.7E6	183.754	212.118
18)	Endrin Aldehyde	12.02	11.60	3469.4E6	264.8E6	1133.077m	66.167 #
19)	Endosulfan Sulfa	12.37	11.74	580.2E6	458.3E6	127.345	102.108
20)	Methoxychlor	12.26	12.43	220.7E6	191.6E6	133.590m	122.341
21)	Endrin Ketone	12.90	12.70	390.2E6	763.9E6	93.126	151.146 #
22)	DCB-Surrogate	13.90	14.31	634.3E6	605.1E6	92.088	97.694m

08/16/05

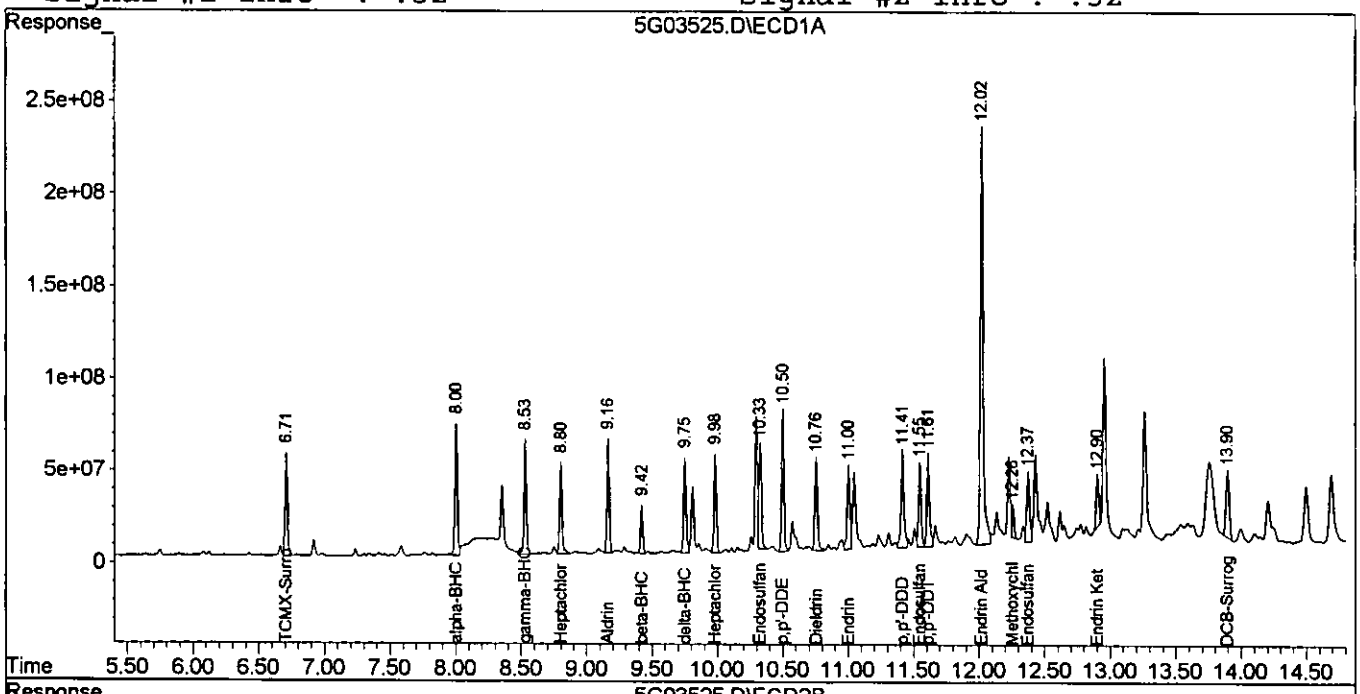
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

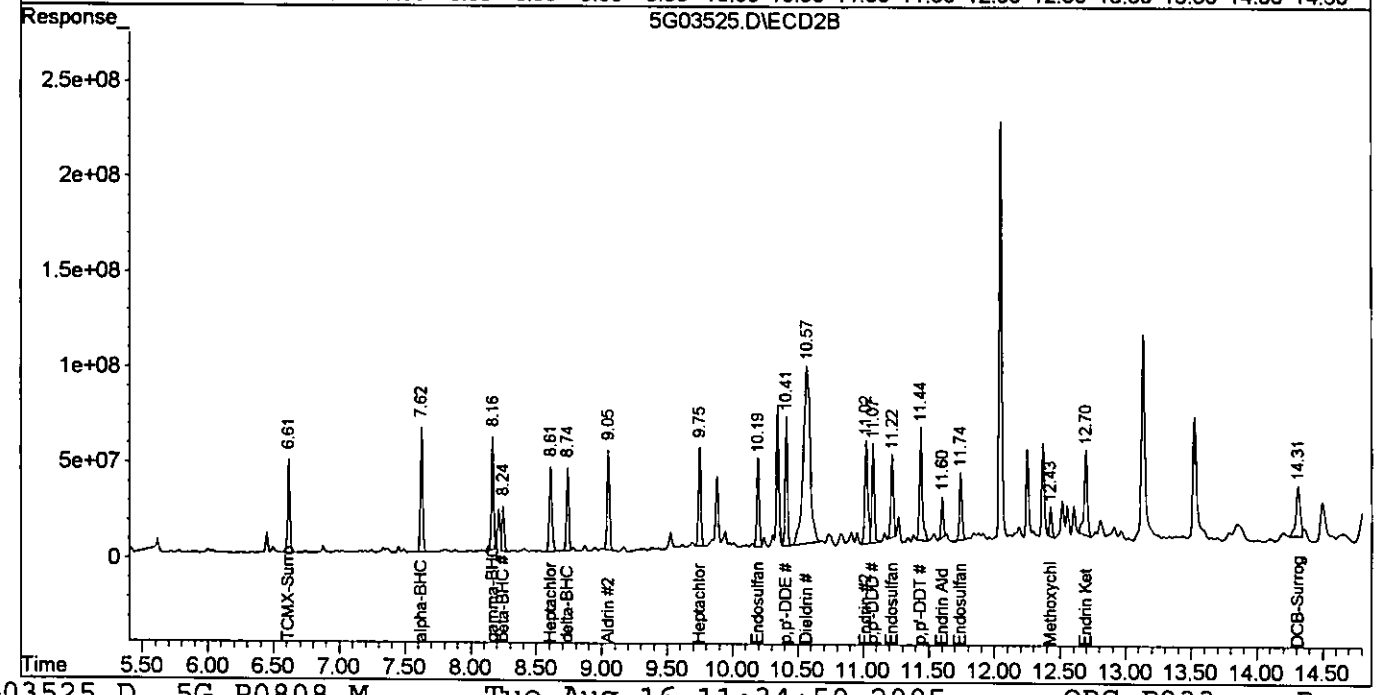
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03525.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03525.D\ECD2B.CH
Acq On : 8-12-05 9:14:10 Operator: JK
Sample : AC18893-001(MS) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 9:37 2005 Quant Results File: 5G_P0808.RES

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

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





Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03526.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03526.D\ECD2B.CH
Acq On : 8-12-05 9:32:56 Operator: JK
Sample : AC18893-001(MSD) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:19 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	723.8E6	596.4E6	94.195	87.480
2)	alpha-BHC	8.00	7.62	955.3E6	841.4E6	110.167	94.932
3)	gamma-BHC	8.53	8.17	812.7E6	705.9E6	107.443	90.779
4)	beta-BHC	9.42	8.24	325.6E6	322.0E6	90.602	91.225m
5)	Heptachlor	8.80	8.61	632.4E6	604.7E6	103.795	104.038
6)	delta-BHC	9.75	8.74	783.3E6	544.5E6	107.876	68.607 #
7)	Aldrin	9.17	9.05	797.6E6	635.7E6	106.413	92.174
8)	Heptachlor Epoxi	9.98	9.75	750.8E6	683.3E6	123.258	110.929
11)	Endosulfan I	10.33	10.19	846.8E6	629.2E6	143.847	106.226 #
12)	p,p'-DDE	10.50	10.41	997.8E6	846.6E6	142.078	138.435
13)	Dieldrin	10.76	10.57	794.4E6	1631.9E6	159.316	312.150m#
14)	Endrin	11.00	11.02	724.0E6	969.1E6	160.972	227.443 #
15)	p,p'-DDD	11.41	11.07	881.0E6	689.0E6	205.326m	184.816
16)	Endosulfan II	11.55	11.22	696.9E6	602.0E6	136.338	119.542
17)	p,p'-DDT	11.61	11.44	791.4E6	813.5E6	201.199	197.956
18)	Endrin Aldehyde	12.02	11.60	5691.0E6	327.2E6	1858.637	81.759 #
19)	Endosulfan Sulfa	12.37	11.74	407.7E6	425.1E6	89.481m	94.715
20)	Methoxychlor	12.26	12.43	217.7E6	178.1E6	131.805m	113.727
21)	Endrin Ketone	12.90	12.70	366.7E6	600.1E6	87.506	118.744 #
22)	DCB-Surrogate	13.90	14.31	533.7E6	521.7E6	77.481	84.235m

08/16/05

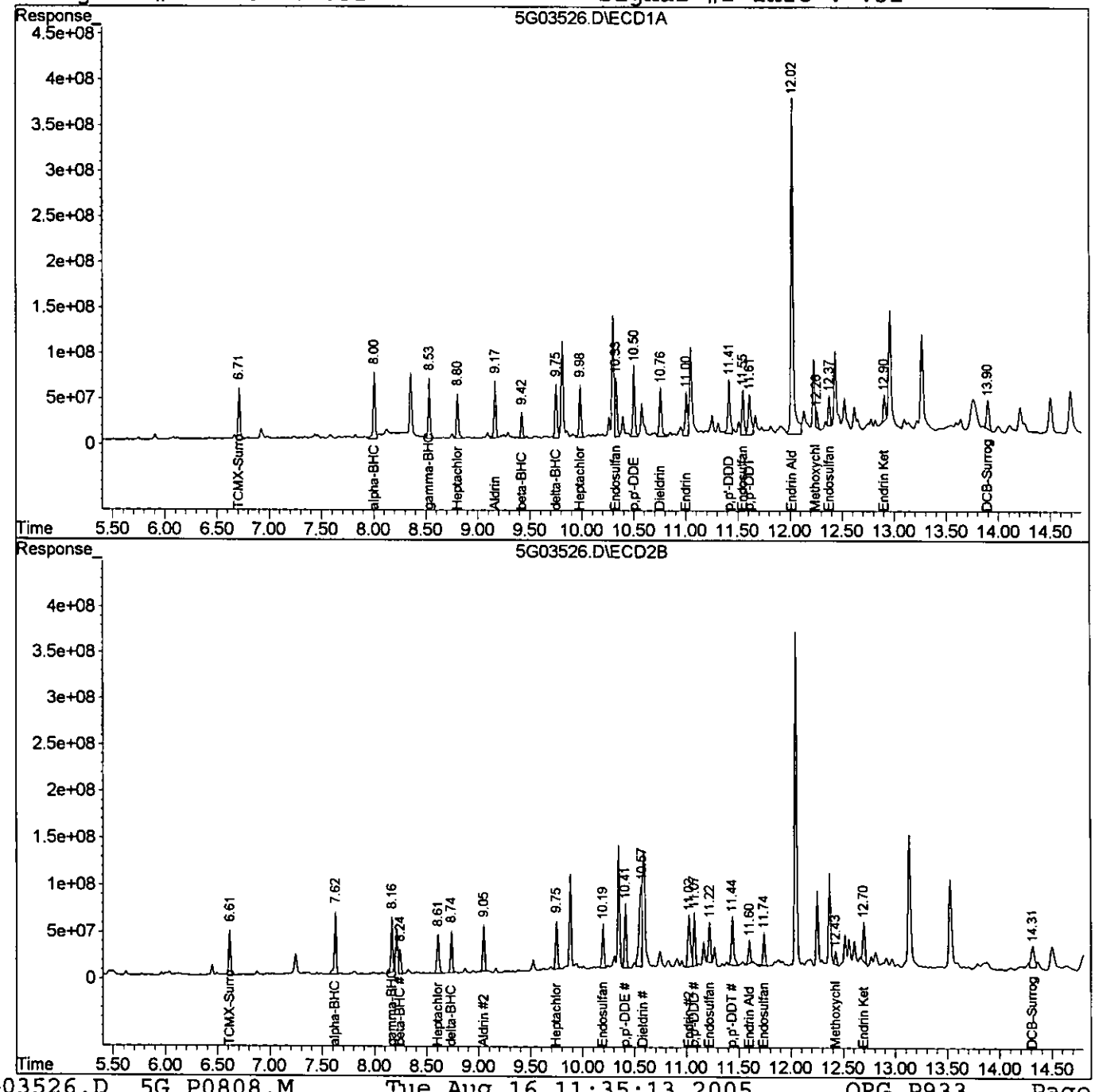
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03526.D\ECD1A.CH Vial: 10
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03526.D\ECD2B.CH
Acq On : 8-12-05 9:32:56 Operator: JK
Sample : AC18893-001(MSD) Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 10:19 2005 Quant Results File: 5G_P0808.RES

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

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



Form1

ORGANICS PESTICIDE REPORT

Sample Number: SMB734B
Client Id:
Data File: 5G03522.D
Analysis Date: 08/12/05 08:17
Date Rec/Extracted: NA-08/11/05

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 #: 18297

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03522.D\ECD1A.CH Vial: 15
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03522.D\ECD2B.CH
Acq On : 8-12-05 8:17:41 Operator: JK
Sample : SMB734B Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 8:45 2005 Quant Results File: 5G_P0808.RES

Quant Method : G:\GCDATA\2005\GC_5\METHODS\5G_P0808.M (Chemstation Integr
Title : @GC_5,ug,608,8081
Last Update : Mon Aug 08 09:57:52 2005
Response via : 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	686.2E6	602.6E6	89.294	88.380
22)	DCB-Surrogate	13.89	14.31	801.2E6	661.0E6	116.309	106.716

8/16/05

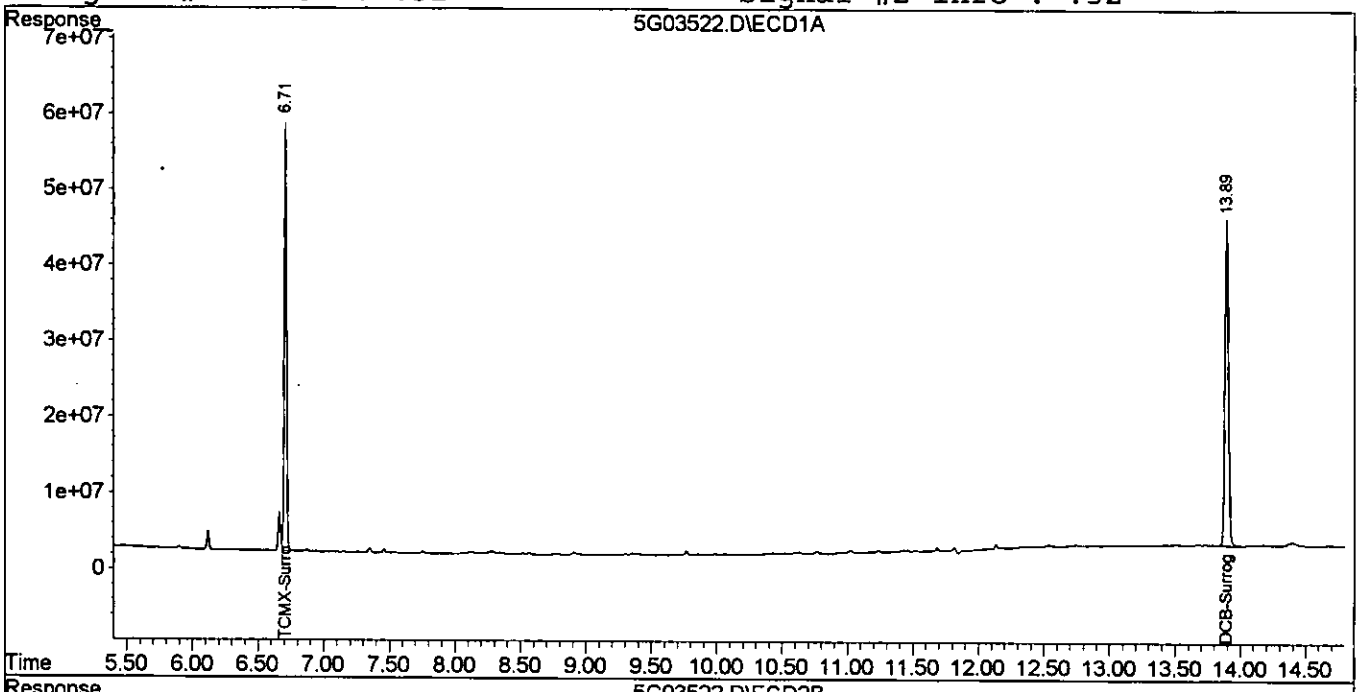
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

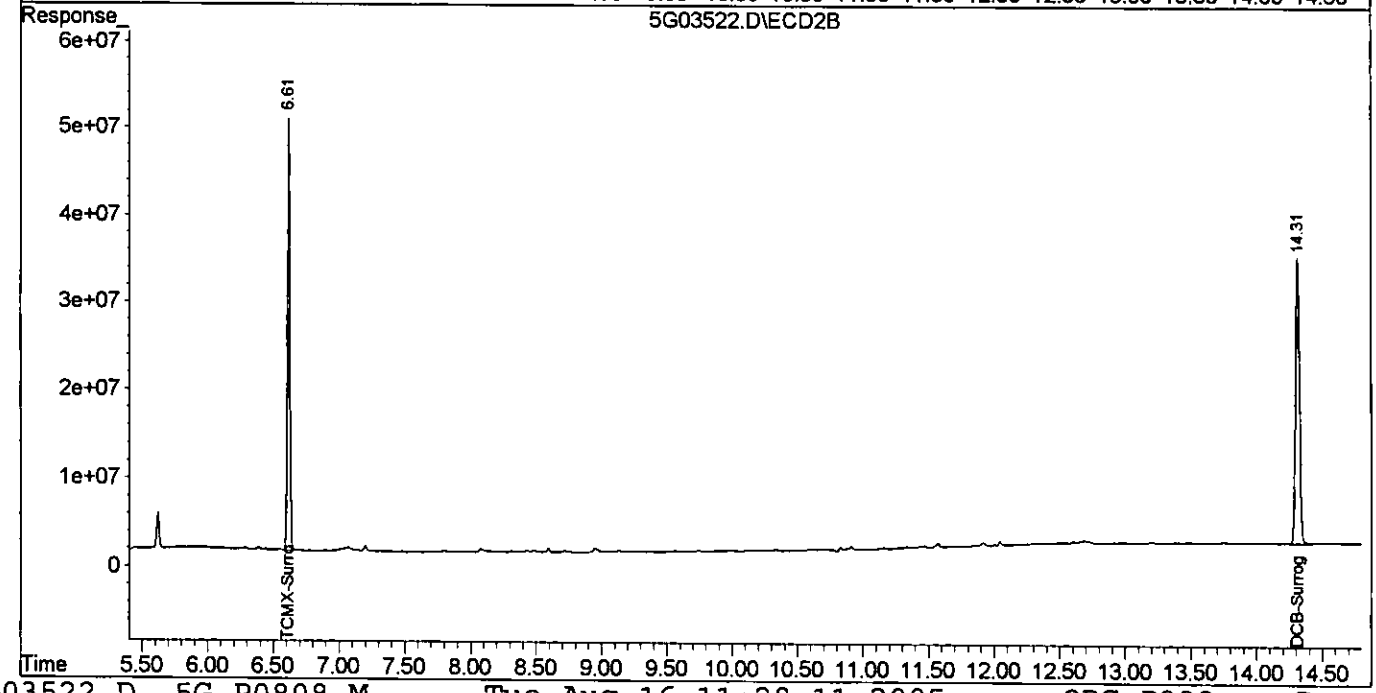
Quantitation Report

Signal #1 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03522.D\ECD1A.CH Vial:
Signal #2 : G:\Gcdata\2005\Gc_5\Data\08-12-05\5G03522.D\ECD2B.CH
Acq On : 8-12-05 8:17:41 Operator: JK
Sample : SMB734B Inst : GC_5
Misc : S,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: Aug 12 8:45 2005 Quant Results File: 5G_P0808.RES

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

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





GC Pesticide Data
Extraction/Logbook Data

Method Blank No. SMB- 733B
Blank Spike (SMBS): 7298, 733B PEST
Blank Spike (SMBS): 7318, 733B PCB

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

Analysis (Pest / PCB) / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 733B	x	x			20g	10.0ml	GN / 1,1 / RACK #2 of 21
MBS 733B	x	x					/ 2,3 /
18888-002	18	7					/ 17,17
18888-003	19	8					/ 18,18
18888-004	20	9					/ 19,19
18916-009MS	x	x					/ 4,6 /
18916-010MSD	x	x					/ 5,7 /
18916-008	1	1					/ 8,8 /
18916-001	2	2					/ 9,9 /
18916-004	3	3					/ 10,10 /
18916-005	4	4					/ 11,11 /
18916-013	5	5					/ 12,12 /
18916-016	6	6					/ 13,13 /
18916-019	7	7					/ 14,14 /
18916-022	8	8					/ 15,15 /
18888-005	9	9					/ 16,16
18873-005	10	10					/ 20,20
18873-008	11	11					/ ~~21~~ 1,1
18873-009	12	12					/ ~~22~~ 2,2
18873-015	13	13					/ 3,3 /
18873-018	14	14					/ 4,4 /
188937-001		15					/ ~~5~~ 5 /
18932-001		16					/ 6 /
18886-008		17					/ 7 /
							/ /
							/ /
							/ /
							/ /
							/ /
							/
							/

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

Spike Standard

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

Surrogate Standard

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

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

Relinquished By: GLN Date: 8/9/05
Received By: Kasai Date: 8/10/05

Method Blank No. SMB- 734B
Blank Spike (SMBS): 733B, 734B PEST
Blank Spike (SMBS): 733B, 734B PCB

Date: 8/11/05
Matrix Spike: 18916-009, 18916-010, 18893-001
Matrix Spike: 18916-009, 18916-010, 18847-002

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments
	Pest	PCB	Herb	Other			
MB 734B	X	X			20g	10.0ml	GKN / 1 / RACK # 27A
MBS 734B	X	X					/ 2,3 /
18888-006	15	18					/ 10 /
18888-007	16	19					/ 11 /
18888-008	17	20					/ 12 /
18847-002 MS		X					/ 7 /
18847-002 MSD		X					/ 8 /
18847-002		1					/ 9 /
18847-007		2					/ 13 /
18888-009	18	3					/ 14 /
19001-004		4					/ 15 /
18872-005		5					/ 16 /
18893-003	19	6					/ 17 /
18893-006	20	7					/ 18 /
18893-001 MS	X						/ 4 /
18893-001 MSD	X						/ 5 /
18893-001	1	8					/ 6 /
18922-006		9					/ 19 /
19023-002	2	10					/ 20 /
19023-004	3	11					/ 21 /
19023-006	4	12					/ 22 /
19026-002	5	13					/ 23 /
19027-001		14					PM / 1 / PM RACK 15
19027-002		15					/ 2 /
							/ /
							/ /
							/ /
							/ /
							/ /
							/
							/

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

Spike Standard

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

Surrogate Standard

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

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

Relinquished By: GKN / PM Date: 8/11/05
Received By: Kesell Date: 8/12/05

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
3G08327.	CAL EVAL	Is			Soil	1	1	8081	08/03 10:00	3G08334				
3G08328.	CAL PEST@2PPB	IsC16C26C18C28			Soil	1	1	608 8081	08/03 10:16	3G08036				
3G08329.	CAL PEST@10PPB				Soil	1	1	608 8081	08/03 10:33	3G08334				
3G08330.	CAL PEST@50PPB				Soil	1	1	608 8081	08/03 10:53	3G08334				
3G08331.	CAL PEST@100PPB				Soil	1	1	608 8081	08/03 11:09	3G08334				
3G08332.	CAL PEST@200PPB				Soil	1	1	608 8081	08/03 11:25	3G08334				
3G08333.	CAL PEST@400PPB				Soil	1	1	608 8081	08/03 11:42	3G08334				
3G08334.	CAL PEST@2PPB				Soil	1	1	608 8081	08/03 11:58	3G08334				
3G08335.	CAL CHLOR@100PPB				Soil	1	1	608 8081	08/03 12:15	3G08334				
3G08336.	CAL TOXAPH@500PP				Soil	1	1	608 8081	08/03 12:31	3G08334				
3G08337.	test	S6S8			Aqueou	1	1	608 8081	08/03 12:48	3G08334	3G08334	3G08334	3G08345	
3G08338.	2305(MS)				Aqueou	1	1	608 8081	08/03 13:04	3G08334	3G08334	3G08334	3G08345	
3G08339.	18808-001(MS)(T)				Aqueou	1	1	608 8081	08/03 13:21	3G08334	3G08334	3G08334	3G08345	
3G08340.	18808-001(MSD)(T)				Aqueou	1	1	608 8081	08/03 13:37	3G08334	3G08334	3G08334	3G08345	
3G08341.	PEST SPK	S6S8			Aqueou	1	1	608 8081	08/03 13:53	3G08334	3G08334	3G08334	3G08345	
3G08342.	WMB2305(MS)		WMB2305		Aqueou	1	1	608 8081	08/03 14:27	3G08334	3G08334	3G08334	3G08345	
3G08343.	AC18808-001(MS)(T)		WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 14:43	3G08334	3G08334	3G08334	3G08345	
3G08344.	AC18808-001(MSD)(T)	M16	WMB2305	PETCLP-808	Aqueou	1	1	608 8081	08/03 14:59	3G08334	3G08334	3G08334	3G08345	
3G08345.	CAL PEST@100PPB				Aqueou	0.5	1	608 8081	08/03 15:16	3G08334				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for int 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 modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning....Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_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
5G03467.	CAL EVAL				Soil	1	1	8081	08/08 05:43	5G03376				
5G03468.	CAL PEST@50PPB	C16C26C18C28			Soil	1	1	608 8081	08/08 06:51	5G03376				
)3469.	CAL PEST@2PPB				Soil	1	1	608 8081	08/08 07:12	5G03469				
03470.	CAL PEST@10PPB				Soil	1	1	608 8081	08/08 07:30	5G03469				
5G03471.	CAL PEST@50PPB				Soil	1	1	608 8081	08/08 07:49	5G03469				
5G03472.	CAL PEST@100PPB				Soil	1	1	608 8081	08/08 08:08	5G03469				
5G03473.	CAL PEST@200PPB				Soil	1	1	608 8081	08/08 08:27	5G03469				
5G03474.	CAL PEST@400PPB				Soil	1	1	608 8081	08/08 08:46	5G03469				
5G03475.	CAL CHLOR@100PPB				Soil	1	1	608 8081	08/08 09:05	5G03469				
5G03476.	CAL TOXAPH@500PP				Soil	1	1	608 8081	08/08 09:23	5G03469				
5G03477.	AC18907-005(T)			PETCLP-808	Aqueou	1	1	8081	08/08 09:42	5G03469		5G03469	5G03491	
5G03478.	WMB2310				Aqueou	1	1	608 8081	08/08 10:01	5G03469	5G03469	5G03469	5G03491	
5G03479.	WMB2310(MS)		WMB2310		Aqueou	1	1	608 8081	08/08 10:20	5G03469	5G03469	5G03469	5G03491	
5G03480.	AC18737-027	Eo		PE-608	Aqueou	1	1	608	08/08 10:39	5G03469	5G03469	5G03469	5G03491	
5G03481.	AC18737-025	Eo		PE-608	Aqueou	1	1	608	08/08 10:58	5G03469	5G03469	5G03469	5G03491	
5G03482.	AC18737-022	Eo		PE-608	Aqueou	1	1	608	08/08 11:16	5G03469	5G03469	5G03469	5G03491	
5G03483.	AC18778-024(R)			PE-8081	Soil	1	1	8081	08/08 11:35	5G03469		5G03469	5G03491	
5G03484.	AC18737-027(50X)	DoEo		PE-608	Aqueou	50	50	608	08/08 11:54	5G03469	5G03469	5G03469	5G03491	
5G03485.	AC18737-025(10X)	Eo		PE-608	Aqueou	10	10	608	08/08 12:13	5G03469	5G03469	5G03469	5G03491	
5G03486.	AC18737-034(5X)			PE-8081	Soil	5	5	8081	08/08 12:31	5G03469		5G03469	5G03491	
5G03487.	AC18888-001			PE-8081	Aqueou	1	1	8081	08/08 12:50	5G03469		5G03469	5G03491	
5G03488.	AC18916-025			PE-8081	Aqueou	1	1	8081	08/08 13:09	5G03469		5G03469	5G03491	
5G03489.	AC18873-014			PE-8081	Aqueou	1	1	8081	08/08 13:28	5G03469		5G03469	5G03491	
5G03490.	100PPB	Tmw			Aqueou	0.5	1	608 8081	08/08 13:47	5G03469	5G03469	5G03469	5G03491	
5G03491.	CAL PEST@100PPB	C16C26			Aqueou	0.5	1	608 8081	08/08 14:15	5G03469				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 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 %Dif Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnft
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Ifs	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 TxtLoc field

RUN LOG

Instrument: GC_3 Year: 2005
Analyst: JK

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	8000 End Cal	BlkFile
3G08504.	CAL EVAL				Soil	1	1	8081	08/10 05:14	3G08334				
3G08505.	CALPEST@100PPB	C16C26			Soil	0.5	1	608 8081	08/10 05:31	3G08334				
3G08506.	SMB732B				Soil	1	1	8081	08/10 05:58	3G08334		3G08505	3G08527	
3G08507.	SMB732B(MS)		SMB732B		Soil	1	1	8081	08/10 06:14	3G08334		3G08505	3G08527	
3G08508.	AC18825-004			PE-8081	Soil	1	1	8081	08/10 06:30	3G08334		3G08505	3G08527	
3G08509.	AC18830-018			PE-8081	Soil	1	1	8081	08/10 06:46	3G08334		3G08505	3G08527	
3G08510.	AC18830-021			PE-8081	Soil	1	1	8081	08/10 07:03	3G08334		3G08505	3G08527	
3G08511.	SMB733B				Soil	1	1	8081	08/10 07:19	3G08334		3G08505	3G08527	
3G08512.	SMB733B(MS)		SMB733B		Soil	1	1	8081	08/10 07:36	3G08334		3G08505	3G08527	
3G08513.	AC18916-008		SMB733B	PE-8081	Soil	1	1	8081	08/10 07:52	3G08334		3G08505	3G08527	
3G08514.	AC18916-009(MS:AC1		SMB733B	PE-8081	Soil	1	1	8081	08/10 08:08	3G08334		3G08505	3G08527	
3G08515.	AC18916-010(MSD:AC	M28R28	SMB733B	PE-8081	Soil	1	1	8081	08/10 08:25	3G08334		3G08505	3G08527	
3G08516.	AC18916-022			PE-8081	Soil	1	1	8081	08/10 08:41	3G08334		3G08505	3G08527	
3G08517.	AC18873-005			PE-8081	Soil	1	1	8081	08/10 08:57	3G08334		3G08505	3G08527	
3G08518.	AC18873-008			PE-8081	Soil	1	1	8081	08/10 09:14	3G08334		3G08505	3G08527	
3G08519.	AC18873-009			PE-8081	Soil	1	1	8081	08/10 09:30	3G08334		3G08505	3G08527	
3G08520.	AC18873-015			PE-8081	Soil	1	1	8081	08/10 09:47	3G08334		3G08505	3G08527	
3G08521.	AC18873-018			PE-8081	Soil	1	1	8081	08/10 10:03	3G08334		3G08505	3G08527	
3G08522.	AC18888-002			PE-8081	Soil	1	1	8081	08/10 10:19	3G08334		3G08505	3G08527	
3G08523.	AC18888-003			PE-8081	Soil	1	1	8081	08/10 10:36	3G08334		3G08505	3G08527	
3G08524.	AC18888-004			PE-8081	Soil	1	1	8081	08/10 10:52	3G08334		3G08505	3G08527	
3G08525.	AC18888-005			PE-8081	Soil	1	1	8081	08/10 11:09	3G08334		3G08505	3G08527	
3G08526.	50PPB	Tm			Soil	1	1	8081	08/10 11:49	3G08334		3G08505	3G08527	
3G08527.	CAL PEST@50PPB	C16			Soil	1	1	608 8081	08/10 12:05	3G08334				

Anc	Area Not Checked	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 %Dif Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnft
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
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 calcpl.csv for init calibration chek rts	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Ebe	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 modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GC_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
03517.	CAL EVAL				Aqueou	1	1	608 8081	08/12 06:39	5G03469				
03518.	CAL PEST@10PPB				Aqueou	5	1	608 8081	08/12 06:58	5G03469				
5G03519.	WMB2315				Aqueou	1	1	608 8081	08/12 07:21	5G03469	5G03518	5G03518	5G03539	
5G03520.	WMB2315(MS)		WMB2315		Aqueou	1	1	608 8081	08/12 07:39	5G03469	5G03518	5G03518	5G03539	
5G03521.	AC19001-004(T)			PETCLP-808	Aqueou	1	1	8081	08/12 07:58	5G03469		5G03518	5G03539	
5G03522.	SMB734B				Soil	1	1	8081	08/12 08:17	5G03469		5G03518	5G03539	
5G03523.	SMB734B(MS)		SMB734B		Soil	1	1	8081	08/12 08:36	5G03469		5G03518	5G03539	
5G03524.	AC18893-001		SMB734B	PE-8081	Soil	1	1	8081	08/12 08:55	5G03469		5G03518	5G03539	
5G03525.	AC18893-001(MS)	M18M28	SMB734B	PE-8081	Soil	1	1	8081	08/12 09:14	5G03469		5G03518	5G03539	
5G03526.	AC18893-001(MSD)	M18M28R28	SMB734B	PE-8081	Soil	1	1	8081	08/12 09:32	5G03469		5G03518	5G03539	
5G03527.	AC18893-003			PE-8081	Soil	1	1	8081	08/12 09:51	5G03469		5G03518	5G03539	
5G03528.	AC18893-006			PE-8081	Soil	1	1	8081	08/12 10:10	5G03469		5G03518	5G03539	
5G03529.	AC19026-002			PE-8081	Soil	1	1	8081	08/12 10:29	5G03469		5G03518	5G03539	
5G03530.	AC19023-006			PE-8081	Soil	1	1	8081	08/12 10:48	5G03469		5G03518	5G03539	
5G03531.	AC19023-002			PE-8081	Soil	1	1	8081	08/12 11:07	5G03469		5G03518	5G03539	
5G03532.	AC19023-004			PE-8081	Soil	1	1	8081	08/12 11:25	5G03469		5G03518	5G03539	
5G03533.	AC18888-009			PE-8081	Soil	1	1	8081	08/12 11:44	5G03469		5G03518	5G03539	
5G03534.	AC18888-008			PE-8081	Soil	1	1	8081	08/12 12:03	5G03469		5G03518	5G03539	
5G03535.	AC18888-006			PE-8081	Soil	1	1	8081	08/12 12:22	5G03469		5G03518	5G03539	
5G03536.	AC18888-007			PE-8081	Soil	1	1	8081	08/12 12:41	5G03469		5G03518	5G03539	
5G03537.	AC19023-006(10X)			PE-8081	Soil	10	10	8081	08/12 13:00	5G03469		5G03518	5G03539	
5G03538.	AC18918-001			PE-8081	Soil	1	1	8081	08/12 13:18	5G03469		5G03518	5G03539	
5G03539.	CAL PEST@100PPB	C16C26			Soil	0.5	1	608 8081	08/12 14:39	5G03469				

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	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)
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
D16,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	It 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 TxtLoc field.

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-3815

Prepared By: Korytova, Jaroslava
Description: PEST-INTERM.
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
837	Single-Column Analytes	10 ul	1000 ppm	10 ppm
802	n-Hexane	940 ul	neat neat	
V-210	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-3816

Prepared By: Korytova, Jaroslava
Description: EVAL MIX
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 100 ppb
Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	24982.5 ul	neat neat	
V-210	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
850	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Lot Number: V-3817

Prepared By: Korytova, Jaroslava
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 400 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9600 ul	neat neat	
V-3815	PEST-INTERM.	400 ul	10 ppm	400 ppb

Veritech Lot Number: V-3818

Prepared By: Korytova, Jaroslava
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 200 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9800 ul	neat neat	
V-3815	PEST-INTERM.	200 ul	10 ppm	400 ppb

Veritech Lot Number: V-3819

Prepared By: Korytova, Jaroslava
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 100 ppb
Final Volume: 10 ml

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

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-3820

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

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9950 ul	neat neat	
V-3815	PEST-INTERM.	50 ul	10 ppm	400 ppb

Veritech Lot Number: V-3821

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

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9990 ul	neat neat	
V-3815	PEST-INTERM.	10 ul	10 ppm	400 ppb

Veritech Lot Number: V-3822

Prepared By: Korytova, Jaroslava
Description: pest WS
Prep Date: 6/3/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber: B-421
Concentration: 2 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
802	n-Hexane	9998 ul	neat neat	
V-3815	PEST-INTERM.	2 ul	10 ppm	400 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 480

Description
TCMX

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

Veritech Control/Receipt Number: 481

Description
DCB

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

Veritech Control/Receipt Number: 485

Description
Acetone Neat

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

Veritech Control/Receipt Number: 802

Description
n-Hexane

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

Veritech Control/Receipt Number: 809

Description
Chlordane

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

Veritech Control/Receipt Number: 837

Description
Single-Column Analytes

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

Veritech Control/Receipt Number: 850

Description
DDT/Endrin Mix

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

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1061

Description
TOXAPHENE

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

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

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

Veritech Lot Number: V-3166

Prepared By: Korytova, Jaroslava
Description: TCMX/DCB SGT
Prep Date: 5/12/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 200 ml

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

Veritech Lot Number: V-4044

Prepared By: Quimby, Richard
Description: Pest Spk
Prep Date: 6/9/2005
Expiration Date: 12/8/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 20 ml

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

Veritech Lot Number: V-5154

Prepared By: Quimby, Richard
Description: PEST/PCB SURR
Prep Date: 7/26/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 200 ml

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

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 480

Description
TCMX

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

Veritech Control/Receipt Number: 481

Description
DCB

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

Veritech Control/Receipt Number: 485

Description
Acetone Neat

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

Veritech Control/Receipt Number: 950

Description
Acetone

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

Veritech Control/Receipt Number: 1032

Description
SS TCL PESTICIDES MIX

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

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-210

Prepared By: Yarka
Description: PEST/PCB SURR
Prep Date: 9/20/2004
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

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

Veritech Lot Number: V-4044

Prepared By: Quimby, Richard
Description: Pest Spk
Prep Date: 6/9/2005
Expiration Date: 12/8/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 20 ml

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

Veritech Lot Number: V-5154

Prepared By: Quimby, Richard
Description: PEST/PCB SURR
Prep Date: 7/26/2005
Expiration Date: 9/30/2005
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 200 ml

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

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 480

Description
TCMX

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

Veritech Control/Receipt Number: 481

Description
DCB

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

Veritech Control/Receipt Number: 485

Description
Acetone Neat

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

Veritech Control/Receipt Number: 950

Description
Acetone

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

Veritech Control/Receipt Number: 1032

Description
SS TCL PESTICIDES MIX

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

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-001	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-51 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.1	3.8	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-38-2	Arsenic	2.1	8.2	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-39-3	Barium	11	73	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-43-9	Cadmium	0.63	1.1	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-47-3	Chromium	5.3	43	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-50-8	Copper	5.3	150	100	08/09/05	6244	S6244A	20	P	PEICP1
7439-92-1	Lead	5.3	180	100	08/09/05	6244	S6244A	20	P	PEICP1
7439-97-6	Mercury	0.088	0.24	167	08/09/05	6244	H6244S	17	CV	HGCV1
7440-02-0	Nickel	5.3	25	100	08/09/05	6244	S6244A	20	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-66-6	Zinc	11	260	100	08/09/05	6244	S6244A	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:	AC18893-002	% Solid:	71	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-51 (3)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.8	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-38-2	Arsenic	2.8	3.2	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-39-3	Barium	14	66	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-41-7	Beryllium	0.85	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-43-9	Cadmium	0.85	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-47-3	Chromium	7.0	7.5	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-50-8	Copper	7.0	66	100	08/09/05	6244	S6244A	22	P	PEICP1
7439-92-1	Lead	7.0	160	100	08/09/05	6244	S6244A	22	P	PEICP1
7439-97-6	Mercury	0.12	0.20	167	08/09/05	6244	H6244S	18	CV	HGCV1
7440-02-0	Nickel	7.0	8.3	100	08/09/05	6244	S6244A	22	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-22-4	Silver	3.5	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-66-6	Zinc	14	ND	100	08/09/05	6244	S6244A	22	P	PEICP1

Comments: _____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-003	% Solid:	90	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	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	8.7	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-38-2	Arsenic	2.2	20	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-39-3	Barium	11	74	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-43-9	Cadmium	0.67	3.6	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-47-3	Chromium	5.6	110	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-50-8	Copper	5.6	610	100	08/09/05	6244	S6244A	23	P	PEICP1
7439-92-1	Lead	5.6	420	100	08/09/05	6244	S6244A	23	P	PEICP1
7439-97-6	Mercury	0.093	0.47	167	08/09/05	6244	H6244S	19	CV	HGCV1
7440-02-0	Nickel	5.6	97	100	08/09/05	6244	S6244A	23	P	PEICP1
7782-49-2	Selenium	2.0	2.4	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-66-6	Zinc	11	540	100	08/09/05	6244	S6244A	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:	AC18893-004	% Solid:	78	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.6	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-38-2	Arsenic	2.6	3.3	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-39-3	Barium	13	37	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-41-7	Beryllium	0.77	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-43-9	Cadmium	0.77	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-47-3	Chromium	6.4	20	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-50-8	Copper	6.4	14	100	08/09/05	6244	S6244A	24	P	PEICP1
7439-92-1	Lead	6.4	17	100	08/09/05	6244	S6244A	24	P	PEICP1
7439-97-6	Mercury	0.11	1.6	167	08/09/05	6244	H6244S	22	CV	HGCV1
7440-02-0	Nickel	6.4	21	100	08/09/05	6244	S6244A	24	P	PEICP1
7782-49-2	Selenium	2.3	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-22-4	Silver	3.2	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-28-0	Thallium	1.5	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-66-6	Zinc	13	300	100	08/09/05	6244	S6244A	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:	AC18893-005	% Solid:	60	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (10.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	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	3.3	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-38-2	Arsenic	3.3	4.0	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-39-3	Barium	17	180	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-47-3	Chromium	8.3	35	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-50-8	Copper	8.3	15	100	08/09/05	6244	S6244A	25	P	PEICP1
7439-92-1	Lead	8.3	16	100	08/09/05	6244	S6244A	25	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/09/05	6244	H6244S	23	CV	HGCV1
7440-02-0	Nickel	8.3	23	100	08/09/05	6244	S6244A	25	P	PEICP1
7782-49-2	Selenium	3.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-22-4	Silver	4.2	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-66-6	Zinc	17	59	100	08/09/05	6244	S6244A	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:	AC18893-006	% Solid:	85	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	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	3.0	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-38-2	Arsenic	2.4	27	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-39-3	Barium	12	83	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-41-7	Beryllium	0.71	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-43-9	Cadmium	0.71	0.83	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-47-3	Chromium	5.9	22	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-50-8	Copper	5.9	90	100	08/09/05	6244	S6244A	26	P	PEICP1
7439-92-1	Lead	5.9	240	100	08/09/05	6244	S6244A	26	P	PEICP1
7439-97-6	Mercury	0.098	ND	167	08/09/05	6244	H6244S	24	CV	HGCV1
7440-02-0	Nickel	5.9	19	100	08/09/05	6244	S6244A	26	P	PEICP1
7782-49-2	Selenium	2.1	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-66-6	Zinc	12	260	100	08/09/05	6244	S6244A	26	P	PEICP1

Comments: _____

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Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-007	% Solid:	73	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (4.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.7	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-38-2	Arsenic	2.7	5.3	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-39-3	Barium	14	150	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-41-7	Beryllium	0.82	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-43-9	Cadmium	0.82	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-47-3	Chromium	6.8	49	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-50-8	Copper	6.8	120	100	08/09/05	6244	S6244A	29	P	PEICP1
7439-92-1	Lead	6.8	140	100	08/09/05	6244	S6244A	29	P	PEICP1
7439-97-6	Mercury	0.11	0.40	167	08/09/05	6244	H6244S	25	CV	HGCV1
7440-02-0	Nickel	6.8	19	100	08/09/05	6244	S6244A	29	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-22-4	Silver	3.4	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-66-6	Zinc	14	90	100	08/09/05	6244	S6244A	29	P	PEICP1

Comments: _____

Flag Codes:

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

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-008	% Solid:	58	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (11.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.4	20	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-38-2	Arsenic	3.4	11	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-39-3	Barium	17	110	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-47-3	Chromium	8.6	23	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-50-8	Copper	8.6	3700	100	08/09/05	6244	S6244A	30	P	PEICP1
7439-92-1	Lead	8.6	2200	100	08/09/05	6244	S6244A	30	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/09/05	6244	H6244S	26	CV	HGCV1
7440-02-0	Nickel	8.6	35	100	08/09/05	6244	S6244A	30	P	PEICP1
7782-49-2	Selenium	3.1	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-22-4	Silver	4.3	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-28-0	Thallium	2.1	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-66-6	Zinc	17	960	100	08/09/05	6244	S6244A	30	P	PEICP1

Comments: _____

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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: 08/09/05
Data File: S6244A
Prep Batch: 6244
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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

Analyte	Spk Amt	ICV V-4847 (2)-6	Rec	CCV V-4510-18	Rec	CCV V-4510-27	Rec	CCV V-4510-36	Rec	CCV V-4510-45	Rec		Rec		Rec		Rec
Antimony	.5	1.00040	100	0.51472	103	0.51104	102	0.52438	105	0.52633	105						
Arsenic	.5	0.99413	99	0.52201	104	0.51534	103	0.52809	106	0.53458	107						
Barium	.5	0.99077	99	0.52837	106	0.52653	105	0.54046	108	0.52221	104						
Beryllium	.5	1.00391	100	0.51206	102	0.51062	102	0.52497	105	0.51587	103						
Cadmium	.5	1.00461	100	0.51771	104	0.51572	103	0.53014	106	0.51678	103						
Chromium	.5	1.00518	101	0.51441	103	0.51041	102	0.52346	105	0.52424	105						
Copper	.5	0.99299	99	0.50133	100	0.50290	101	0.52076	104	0.51835	104						
Lead	.5	1.00561	101	0.52018	104	0.51389	103	0.52852	106	0.52048	104						
Nickel	.5	0.99902	100	0.51480	103	0.51164	102	0.52394	105	0.52770	106						
Selenium	.5	0.99893	100	0.51125	102	0.50553	101	0.51888	104	0.50777	102						
Silver	.5	1.01106	101	0.48984	98	0.48940	98	0.50450	101	0.49361	99						
Thallium	.5	1.02339	102	0.51111	102	0.50627	101	0.52119	104	0.51818	104						
Zinc	.5	1.00714	101	0.52364	105	0.52238	104	0.53238	106	0.52217	104						

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

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

FORM 2
(ICV/CCV Summary)

Date Analyzed: 08/09/05
Data File: H6244S
Prep Batch: 6244
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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-38	Rec		Rec		Rec		Rec		Rec
Mercury	10	18.6771	93 b	9.67682	97	8.52593	85 c	8.63508	86 c								

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

Qc Limits:
ICV - EPA600 : 95-105
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: 08/09/05
Data File: S6244A
Prep Batch: 6244
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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

Analyte	ICB V-5157-7	CCB-19	CCB-28	CCB-37	CCB-46	MB 6244 (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: 08/09/05
Data File: H6244S
Prep Batch: 6244
Reporting Limits Used: SOIL,SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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

Analyte	ICB-9	CCB-21	CCB-33	CCB-39	MB 6244 (167)-10	MB FB-36		
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: 08/09/05
Data File: S6244A
Prep Batch: 6244
Reporting Limits Used: SOIL,SW846
Instrument: PEICP1
Units: ppm
Project Number: 5080308

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

Analyte	Spk Amt	ICSA V-4505-8	Rec	ICSAB V-4506-9	Rec	ICSA V-4505-43	Rec	ICSAB V-4506-44	Rec	Rec	Rec	Rec	Rec
Aluminum	500	462.4864	92	470.08840	94	468.7658	94	474.62260	95				
Antimony	1	U		0.99240	99	U		1.03353	103				
Arsenic	1	U		1.01741	102	U		1.05565	106				
Barium	.5	U		0.47952	96	U		0.47483	95				
Beryllium	.5	U		0.49659	99	U		0.50742	101				
Cadmium	1	U		0.94487	94	U		0.95164	95				
Calcium	500	455.0097	91	462.64130	93	455.1855	91	462.12810	92				
Chromium	.5	U		0.47556	95	U		0.49179	98				
Copper	.5	U		0.51101	102	U		0.52858	106				
Iron	200	178.238	89	181.59030	91	180.3811	90	183.61620	92				
Lead	1	U		0.96966	97	U		0.98732	99				
Magnesiu	500	509.224	102	518.70430	104	509.5896	102	517.74690	104				
Nickel	1	U		0.94217	94	U		0.97105	97				
Selenium	1	U		0.94804	95	U		0.94821	95				
Silver	1	U		1.03833	104	U		1.05034	105				
Thallium	1	U		0.98103	98	U		0.99822	100				
Zinc	1	U		0.89941	90	U		0.90624	91				

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

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 08/09/05
Data File: S6244A
Prep Batch: 6244
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5080308
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 AC18939-001-13	AC18939-001-15-1X	%REC OR Conc	AC18939-001-16-1X	%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	0.4118055	82	0.4204612	84	0.4994974	.499	0.4992501	.499	0.5050878	101
Arsenic	.5000	0.500	75 - 125	0.02764227	0.4906015	93	0.5003888	95	0.4978751	.498	0.4987493	.499	0.5033640	101
Barium	.5000	0.500	75 - 125	0.22502896	0.7189334	99	0.7243560	100	0.5074162	.507	0.5144013	.514	0.5174874	103
Beryllium	.5000	0.500	75 - 125	0.006 U	0.4629481	93	0.4676049	94	0.4921551	.492	0.4919150	.492	0.4966332	99
Cadmium	.5000	0.500	75 - 125	0.006 U	0.4766808	95	0.4801538	96	0.5036194	.504	0.5026371	.503	0.5086226	102
Chromium	.5000	0.500	75 - 125	0.05 U	0.5333838	107	0.5368434	107	0.5035132	.504	0.5056763	.506	0.5132496	103
Copper	.5000	0.500	75 - 125	0.11258336	0.5759542	93	0.5861020	95	0.4966725	.497	0.4964965	.496	0.5097735	102
Lead	.5000	0.500	75 - 125	0.19888674	0.7045954	101	0.6911643	98	0.5069395	.507	0.5099720	.51	0.5133712	103
Nickel	.5000	0.500	75 - 125	0.05 U	0.5114796	102	0.5124207	102	0.5049219	.505	0.5071617	.507	0.5153327	103
Selenium	.5000	0.500	75 - 125	0.018 U	0.4481320	90	0.4510738	90	0.4759471	.476	0.4768630	.477	0.4793652	96
Silver	.5000	0.500	75 - 125	0.025 U	0.4703092	94	0.4737662	95	0.4955984	.496	0.4990702	.499	0.5135004	103
Thallium	.5000	0.500	75 - 125	0.012 U	0.4646710	93	0.4659310	93	0.497764	.498	0.4988120	.499	0.4963849	99
Zinc	.5000	0.500	75 - 125	0.47882574	0.8416646	73 a	0.8446881	73 a	0.5250288	.525	0.5271134	.527	0.5214429	104

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: 08/09/05
Data File: H6244S
Prep Batch: 6244
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5080308
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 AC18939-001-13		AC18939-001-15-1X	%REC OR Conc	AC18939-001-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc	LCSW-37-1X	%REC OR Conc
Mercury	10	10	75 - 125	0.5	U	10.364109	104	10.473786	105	10.308904	10.3	10.158360	10.2	9.4554251	95

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: 08/09/05
Data File: S6244A
Prep Batch: 6244
Analytical Method: SW846
Instrument: PEICP1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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	AC18939-001-13	AC18939-001-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC18893-001-20	AC18893-001-21	%Diff
Antimony	<=20	<=10	0.02 U	0.02 U	—				0.03640038	0.0291875	20 Sb
Arsenic	<=20	<=10	0.02764227	0.03145222	13				0.07819484	0.0587693	25 Sb
Barium	<=20	<=10	0.22502896	0.23671442	5.1				0.69043188	0.68311475	1.1
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.00316498	0.0002395 U	---
Cadmium	<=20	<=10	0.006 U	0.006 U	---				0.01048557	0.0118917	13 Sa
Chromium	<=20	<=10	0.05 U	0.05140321	---				0.40540943	0.37423625	7.7
Copper	<=20	<=10	0.11258336	0.11794830	4.7				1.44478583	1.4047537	2.8
Lead	<=20	<=10	0.19888674	0.22721041	13				1.69011508	1.6511796	2.3
Nickel	<=20	<=10	0.05 U	0.05 U	—				0.23493950	0.24035835	2.3
Selenium	<=20	<=10	0.018 U	0.018 U	—				0.01279313	0.0128 U	---
Silver	<=20	<=10	0.025 U	0.025 U	—				0.00255820	0.0024 U	---
Thallium	<=20	<=10	0.012 U	0.012 U	---				0.00258 U	0.0129 U	---
Zinc	<=20	<=10	0.47882574	0.36748125	26 Nb				2.49928312	2.5147533	0.62

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: 08/09/05
Data File: H6244S
Prep Batch: 6244
Analytical Method: SW846
Instrument: HGCV1
Units: All units in ppm except Hg in ppb
Project Number: 5080308

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	AC18939-001-13	AC18939-001-14	RPD	LCS-11	LCS MR-12	RPD			%Diff
Mercury	<=20	<=10	.5 U	.5 U	---						

Flags:

Na::Method Rep outside of Qc Limits
√b :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

Data File: W:\METALS.FRM\ICPDATA\Pelcp1\S6244A.TXT **Instrument:** PEICP1

Analysis Date: 08/09/05

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	14:24	1						
Calib Std 1	1	CAL	14:26	2						
Calib Std 2	1	CAL	14:29	3						
Calib Std 3	1	CAL	14:32	4						
ICS V-4509	1	ICS	14:35	5						
ICV V-4847 (2)	1	ICV	14:38	6						
ICB V-5157	1	ICB	14:41	7						
ICSA V-4505	1	ICSA	14:45	8						
ICSAB V-4506	1	ICSAB	14:48	9						
MB 6244 (100)	1	MB	14:50	10		SOIL	SOIL	SW846	6244	
LCS 100	1	LCS	14:53	11		SOIL	SOIL	SW846	6244	
LCS 100 MR	1	LCS	14:57	12		SOIL	SOIL	SW846	6244	
AC18939-001	1	SMP	15:00	13	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18939-001	1	MR	15:03	14	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18939-001	1	MS	15:06	15	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18939-001	1	MS	15:10	16	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18939-001	1	PS	15:14	17	PPMETALS-S	SOIL	SOIL	SW846	6244	
CCV V-4510	1	CCV	15:17	18						
CCB	1	CCB	15:20	19						
AC18893-001	1	SMP	15:23	20	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-001	5	SD	15:26	21	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-002	1	SMP	15:29	22	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-003	1	SMP	15:32	23	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-004	1	SMP	15:36	24	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-005	1	SMP	15:39	25	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-006	1	SMP	15:42	26	PPMETALS-S	SOIL	SOIL	SW846	6244	
CCV V-4510	1	CCV	15:45	27						
CCB	1	CCB	15:48	28						
AC18893-007	1	SMP	15:50	29	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18893-008	1	SMP	15:54	30	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18918-001	1	SMP	15:57	31	MET-TWO-SOIL	SOIL	SOIL	SW846	6244	
AC18940-001	1	SMP	16:00	32	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18940-002	1	SMP	16:03	33	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18940-003	1	SMP	16:06	34	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18940-004	1	SMP	16:09	35	PPMETALS-S	SOIL	SOIL	SW846	6244	
CCV V-4510	1	CCV	16:12	36						
CCB	1	CCB	16:14	37						
AC18940-005	1	SMP	16:17	38	PPMETALS-S	SOIL	AQUEO	SW846	6244	
AC18940-006	1	SMP	16:20	39	PPMETALS-S	SOIL	SOIL	SW846	6244	
AC18940-007	1	SMP	16:23	40	PPMETALS-S	SOIL	SOIL	SW846	6244	
MB FB (1)	1	MB	16:26	41		SOIL	AQUEO	SW846	6244	
LCSW	1	LCS	16:29	42		SOIL	AQUEO	SW846	6244	
ICSA V-4505	1	ICSA	16:33	43						
ICSAB V-4506	1	ICSAB	16:36	44						
CCV V-4510	1	CCV	16:39	45						
CCB	1	CCB	16:42	46						

Shivani Bal 8/9/05

CR2000 8/10/05

Shivani 8/10/05

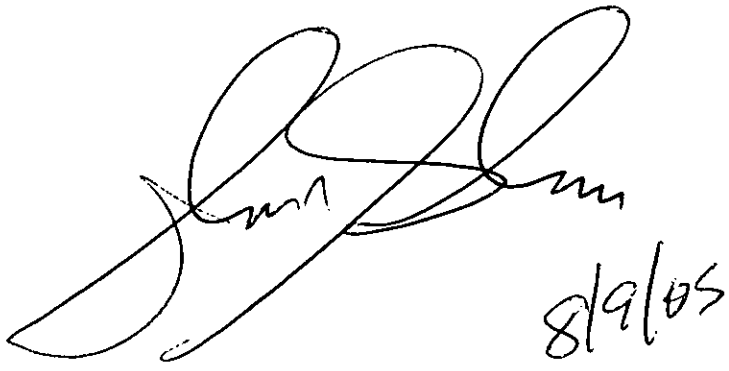
Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCvI\H6244S.TXT **Instrument:** HGCV1

Analysis Date: 08/09/05 **Standard/Batch/SnCl2 Lot #:** V-5598

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank	1	CAL	12:12	1						
0.5 PPB	1	CAL	12:14	2						
1.0 PPB	1	CAL	12:15	3						
2.0 PPB	1	CAL	12:17	4						
5.0 PPB	1	CAL	12:18	5						
10.0 PPB	1	CAL	12:20	6						
25.0 PPB	1	CAL	12:22	7						
ICV 1183 (2)	1	ICV	12:23	8						
ICB	1	ICB	12:25	9						
MB 6244 (167)	1	MB	12:26	10		SOIL	SOIL	SW846	6244	
LCS	1	LCS	12:28	11		SOIL	SOIL	SW846	6244	
LCS MR	1	LCS	12:30	12		SOIL	SOIL	SW846	6244	
AC18939-001	1	SMP	12:31	13	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18939-001	1	MR	12:33	14	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18939-001	1	MS	12:34	15	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18939-001	1	MS	12:36	16	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-001	1	SMP	12:38	17	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-002	1	SMP	12:39	18	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-003	1	SMP	12:41	19	HG-SOIL	SOIL	SOIL	SW846	6244	
CCV	1	CCV	12:42	20						
CCB	1	CCB	12:44	21						
AC18893-004	1	SMP	12:46	22	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-005	1	SMP	12:47	23	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-006	1	SMP	12:49	24	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-007	1	SMP	12:50	25	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18893-008	1	SMP	12:52	26	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18940-001	1	SMP	12:54	27	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18940-002	1	SMP	12:55	28	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18940-003	1	SMP	12:57	29	HG-SOIL	SOIL	SOIL	SW846	6244	
C18940-004	1	SMP	12:58	30	HG-SOIL	SOIL	SOIL	SW846	6244	
C18940-005	1	SMP	13:00	31	HG-SOIL	SOIL	AQUEO	SW846	6244	
CCV	1	CCV	13:02	32						
CCB	1	CCB	13:03	33						
AC18940-006	1	SMP	13:05	34	HG-SOIL	SOIL	SOIL	SW846	6244	
AC18940-007	1	SMP	13:07	35	HG-SOIL	SOIL	SOIL	SW846	6244	
MB FB	1	MB	13:08	36		SOIL	SOIL	SW846	6244	
LCSW	1	LCS	13:10	37		SOIL	AQUEO	SW846	6244	
CCV	1	CCV	13:11	38						
CCB	1	CCB	13:13	39						

Shianne Rule 8/9/05



8/9/05

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-5571

Prepared By: Soules, John
Description: Hg intermediate standard
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-572
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-5572

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-572
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-5573

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-572
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-5574

Prepared By: Soules, John
Description: SnCl2
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
Concentration: reagent reagent
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
924	2122 SnCL2	13.2 g		

Veritech Lot Number: V-5575

Prepared By: Soules, John
Description: Hg aqueous ICV 20ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5572	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-5576

Prepared By: Soules, John
Description: Hg aqueous CCV 10ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5572	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-5577

Prepared By: Soules, John
Description: Hg aqueous standard blk
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5578

Prepared By: Soules, John
Description: Hg aqueous standard .5ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5579

Prepared By: Soules, John
Description: Hg aqueous standard 1ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5580

Prepared By: Soules, John
Description: Hg aqueous standard 2 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5581

Prepared By: Soules, John
Description: Hg aqueous standard 5ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5582

Prepared By: Soules, John
Description: Hg aqueous standard 10 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5583

Prepared By: Soules, John
Description: Hg aqueous standard 25 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	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-5584

Prepared By: Soules, John
Description: Hg soil ICV 20ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5572	Hg intermediate control	2 ml	10 ppm	
V-5573	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-5585

Prepared By: Soules, John
Description: Hg soil CCV 10ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5572	Hg intermediate control	1 ml	10 ppm	
V-5573	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5586

Prepared By: Soules, John
Description: Auqaregia
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5587

Prepared By: Soules, John
Description: Hg soil standard blk
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5573	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5588

Prepared By: Soules, John
Description: Hg soil standard .5 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	Hg intermediate standard	.05 ml	10 ppm	
V-5573	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-5589

Prepared By: Soules, John
Description: Hg soil standard 1 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	Hg intermediate standard	.1 ml	10 ppm	
V-5573	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5590

Prepared By: Soules, John
Description: Hg soil standard 2 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	Hg intermediate standard	.2 ml	10 ppm	
V-5573	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Lot Number: V-5591

Prepared By: Soules, John
Description: Hg soil standard 5 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
Concentration: 5 ppb
Final Volume: 136 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5573	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-5571	Hg intermediate standard	.5 ml	10 ppm	

Veritech Lot Number: V-5592

Prepared By: Soules, John
Description: Hg soil standard 10 ppb
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-573
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-5571	Hg intermediate standard	1 ml	10 ppm	
V-5573	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-5593

Prepared By:	Soules, John	Department:	Metals
Description:	Hg soil standard 25 ppb	BatchNumber:	B-573
Prep Date:	8/8/2005	Concentration:	25 ppb
Expiration Date:	8/8/2005	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-5571	Hg intermediate standard	2.5 ml	10 ppm	
V-5573	Auqaregia	5 ml	reagent	
V-1613	Hydroxylamine Hydrochloride	6 ml	reagent	
V-2627	5% Potassium Permanganate	15 ml	reagent	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 555

Description
2029 NaCl

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

Veritech Control/Receipt Number: 713

Description
2097 Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	035701	07/09/04	07/08/07	dave	4	500		

Veritech Control/Receipt Number: 784

Description
2108 Hydroxylamine Hydrochloride

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

Veritech Control/Receipt Number: 796

Description
2110 Nitric Acid

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

Veritech Control/Receipt Number: 884

Description
2118 Sulfuric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A510SK-212	3103091	12/14/04	12/13/05	dave	12	2500		

Veritech Control/Receipt Number: 918

Description
2121 Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P279-212	040846	01/07/05	01/06/08	dave	1	0		

Veritech Control/Receipt Number: 924

Description
2122 SnCL2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	T142-3	045380	01/10/05	01/09/08	dave	1	0		

Veritech 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: 1142

Description
Hydrochloric Acid

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

Veritech Control/Receipt Number: 1166

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLHG4-2Y	11-118HG	06/01/05	05/31/06	Miller,Gael E.	1	100	1000	mg/L

Veritech Control/Receipt Number: 1183

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV Labs	HGP1-1-X	HGP1G	06/02/05	06/01/06	Miller,Gael E.	1	100	1000	mg/L

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-2627

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 4/22/2005
Expiration Date: 1/6/2008
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
918	2121 Potassium Permanganate	1000		

Veritech Lot Number: V-4503

Prepared By: Soules, John
Description: 1:1 HNO3
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	500 ml		

Veritech Lot Number: V-4505

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

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

Veritech Lot Number: V-4506

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

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

Veritech Lot Number: V-4509

Prepared By: Balashanthan, Shiamala
Description: ICS3 - High std
Prep Date: 6/30/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
933	2125 ICS1 standards	10 ml		
934	2126 ICS2 standards	10 ml		
1103	Hydochloric Acid	50 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4510

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

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
1103	Hydochloric Acid	50 ml	NEAT neat	
1237	ICV1	10 ml	VARIOUS ug	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-4847

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 7/14/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	25 ml		
1103	Hydochloric Acid	25 ml	NEAT neat	
1237	ICV1	10 ml	VARIOUS ug	
1238	ICV2	10 ml	VARIOUS ug	

Veritech Lot Number: V-5157

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 7/27/2005
Expiration Date: 9/15/2005
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
796	2110 Nitric Acid	50 ml		
1142	Hydrochloric Acid	50 ml	neat neat	

Veritech Lot Number: V-5572

Prepared By: Soules, John
Description: Hg intermediate control
Prep Date: 8/8/2005
Expiration Date: 8/8/2005
Department: Metals
BatchNumber: B-572
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: 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: 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 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 Standard Receipt Log

Veritech Control/Receipt Number: 1114

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG Labs	ZHAMPTON#2	0099940B	05/02/05	04/01/06	Mathews, Dave	1	500		ml

Veritech Control/Receipt Number: 1142

Description
Hydrochloric Acid

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

Veritech Control/Receipt Number: 1183

Description
Mercury

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV Labs	HGP1-1-X	HGP1G	06/02/05	06/01/06	Miller,Gael E.	1	100	1000	mg/L

Veritech Control/Receipt Number: 1237

Description
ICV1

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

Veritech Control/Receipt Number: 1238

Description
ICV2

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

Data file S6244A Batch 6244 (Soil)

Method: PE1 Axial Page 1 Date: 8/9/05 2:29:42 PM

Analyst Review: Shiand RL 8/9/05

Method: PE1 Axial IEC: 121704.IEC MSF:
Results: S6244A Spectra Stored: Yes Method Stored: Yes
Sample Info: s6244a User: User1 Date: 8/9/05 2:22:12 PM
Method Description: 200.7/SW846

2nd Rev: CBLL 8/10/05

Mean Data
ID: Calib Blank 1 Seq. No.: 1 A/S Pos: 1
Data: Original Date: 8/9/05 2:23:36 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-341.3	63.10	18.49%	0	mg/L
Al 308.215	5544.6	75.67	1.36%	0	mg/L
Ba 233.527	-5.8	2.53	43.28%	0	mg/L
Ca 315.887	-16170.1	300.77	1.86%	0	mg/L
Cd 226.502	-168.7	5.12	3.03%	0	mg/L
Co 228.616	-89.3	3.88	4.35%	0	mg/L
Cu 324.754	7987.6	12.08	0.15%	0	mg/L
Fe 273.955	549.4	6.13	1.12%	0	mg/L
Mg 279.079	621.7	6.54	1.05%	0	mg/L
Mn 257.610	484.1	9.06	1.87%	0	mg/L
Se 196.026	48.2	6.87	14.24%	0	mg/L
V 292.402	-225.2	22.65	10.06%	0	mg/L
Zn 206.200	175.5	1.99	1.13%	0	mg/L
Na 330.237	872.2	75.07	8.61%	0	mg/L
Ti 334.941	-260.8	22.46	8.61%	0	mg/L
Mo 202.030	-98.8	3.97	4.02%	0	mg/L
Sn 189.933	-31.3	5.39	17.22%	0	mg/L
Be 234.861	-379.5	7.03	1.85%	0	mg/L
As 188.979	-31.1	0.72	2.32%	0	mg/L
Sb 206.833	67.2	3.62	5.38%	0	mg/L
Cr 206.158	140.9	2.66	1.89%	0	mg/L
Pb 220.353	14.6	2.50	17.17%	0	mg/L
Ni 231.604	-2.3	0.85	37.16%	0	mg/L
Tl 190.800	-62.6	0.76	1.21%	0	mg/L

Mean Data
ID: Calib Std 1 Seq. No.: 2 A/S Pos: 160
Data: Original Date: 8/9/05 2:26:21 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	1086.4	81.36	7.49%	0.010	mg/L
Al 308.215	6860.9	31.50	0.46%	0.10	mg/L
Ba 233.527	526.6	9.30	1.77%	0.010	mg/L
Ca 315.887	21527.1	541.73	2.52%	1.0	mg/L
Cd 226.502	911.4	4.26	0.47%	0.010	mg/L
Co 228.616	228.9	2.57	1.12%	0.010	mg/L
Cu 324.754	9188.2	122.26	1.33%	0.010	mg/L
Fe 273.955	1894.5	76.11	4.02%	0.10	mg/L
Mg 279.079	12993.8	288.69	2.22%	1.0	mg/L
Mn 257.610	5728.5	141.19	2.46%	0.010	mg/L
Se 196.026	104.4	1.60	1.53%	0.010	mg/L
V 292.402	1454.8	28.97	1.99%	0.010	mg/L
Zn 206.200	697.2	3.11	0.45%	0.010	mg/L
Na 330.237	1438.4	31.47	2.19%	1.0	mg/L
Ti 334.941	4959.9	120.62	2.43%	0.010	mg/L
Mo 202.030	75.1	0.62	0.82%	0.010	mg/L
Sn 189.933	58.6	0.54	0.92%	0.010	mg/L
Be 234.861	4751.2	45.16	0.95%	0.010	mg/L
As 188.979	-10.1	5.47	54.22%	0.010	mg/L
Sb 206.833	102.2	2.93	2.86%	0.010	mg/L
Cr 206.158	398.6	1.31	0.33%	0.010	mg/L
Pb 220.353	60.7	0.62	1.02%	0.010	mg/L
Ni 231.604	208.0	5.85	2.81%	0.010	mg/L
Tl 190.800	-43.8	1.32	3.03%	0.010	mg/L

6244

All elements were reported.

Mean Data
ID: Calib Std 2 Seq. No.: 3 A/S Pos: 3
Data: Original Date: 8/9/05 2:29:12 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	70949.3	1297.41	1.83%	0.50	mg/L
Al 308.215	91821.9	1413.69	1.54%	5.0	mg/L
Ba 233.527	26161.3	445.10	1.70%	0.50	mg/L
Ca 315.887	1938803.1	36787.32	1.90%	50	mg/L
Cd 226.502	52202.6	918.54	1.76%	0.50	mg/L
Co 228.616	15005.0	100.92	0.67%	0.50	mg/L
Cu 324.754	74316.4	1120.68	1.51%	0.50	mg/L
Fe 273.955	76476.1	1295.68	1.69%	5.0	mg/L
Mg 279.079	642856.1	12141.46	1.89%	50	mg/L
Mn 257.610	261252.8	4598.33	1.76%	0.50	mg/L
Se 196.026	3085.0	21.54	0.70%	0.50	mg/L
V 292.402	82846.3	1447.65	1.75%	0.50	mg/L
Zn 206.200	22891.1	195.69	0.85%	0.50	mg/L
Na 330.237	38511.3	733.89	1.91%	50	mg/L
Ti 334.941	258959.1	4417.90	1.71%	0.50	mg/L
Mo 202.030	8297.4	88.40	1.07%	0.50	mg/L
Sn 189.933	4644.1	37.31	0.80%	0.50	mg/L
Be 234.861	255553.6	4703.01	1.84%	0.50	mg/L
As 188.979	1211.7	1.31	0.11%	0.50	mg/L
Sb 206.833	1828.2	9.33	0.51%	0.50	mg/L
Cr 206.158	12465.3	87.27	0.70%	0.50	mg/L
Pb 220.353	2364.8	10.95	0.46%	0.50	mg/L
Ni 231.604	10059.5	46.09	0.46%	0.50	mg/L
Tl 190.800	741.6	11.17	1.51%	0.50	mg/L

Mean Data

ID: Calib Std 3 Seq. No.: 4 A/S Pos: 2
Data: Original Date: 8/9/05 2:32:11 PM

Element	Mean Corr. Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	145594.4	683.45	0.47%	1.0	mg/L
Al 308.215	169736.4	951.39	0.56%	10	mg/L
Ba 233.527	49442.7	306.19	0.62%	1.0	mg/L
Ca 315.887	3757981.9	52271.56	1.39%	100	mg/L
Cd 226.502	101504.9	701.03	0.69%	1.0	mg/L
Co 228.616	29801.4	198.04	0.66%	1.0	mg/L
Cu 324.754	140375.7	748.22	0.53%	1.0	mg/L
Fe 273.955	147106.9	936.12	0.64%	10	mg/L
Mg 279.079	1251197.8	17789.37	1.42%	100	mg/L
Mn 257.610	497526.2	3062.76	0.62%	1.0	mg/L
Se 196.026	6012.3	28.19	0.47%	1.0	mg/L
V 292.402	159446.0	861.51	0.54%	1.0	mg/L
Zn 206.200	43693.4	354.86	0.81%	1.0	mg/L
Na 330.237	80364.1	396.66	0.49%	100	mg/L
Ti 334.941	500498.6	3247.17	0.65%	1.0	mg/L
Mo 202.030	16343.4	68.26	0.42%	1.0	mg/L
Sn 189.933	8911.7	49.80	0.56%	1.0	mg/L
Be 234.861	501568.7	7162.18	1.43%	1.0	mg/L
As 188.979	2358.3	4.06	0.17%	1.0	mg/L
Sb 206.833	3479.8	3.13	0.09%	1.0	mg/L
Cr 206.158	24140.2	123.19	0.51%	1.0	mg/L
Pb 220.353	4543.3	8.41	0.19%	1.0	mg/L
Ni 231.604	19492.5	87.54	0.45%	1.0	mg/L
Tl 190.800	1520.1	11.18	0.74%	1.0	mg/L

Calibration Summary

Method: PE1 Axial Date: 8/9/05 2:32:55 PM

Element	Stds	Equation	Intercept	Slope	Curvature	Corr. Coeff.
Ag 328.068	3	Linear-thru-Zero	0.0	144852.4	0.00000	0.999900
Al 308.215	3	Linear	6157.8	16512.1	0.00000	0.999642
Ba 233.527	3	Linear-thru-Zero	0.0	50018.9	0.00000	0.999512
Ca 315.887	3	Linear-thru-Zero	0.0	37817.8	0.00000	0.999839
Cd 226.502	3	Linear-thru-Zero	0.0	102084.1	0.00000	0.999880
Co 228.616	3	Linear-thru-Zero	0.0	29842.5	0.00000	0.999989
Cu 324.754	3	Linear	7956.1	132479.0	0.00000	0.999999

Fe 273.955	3	Linear	976.6	14710.0	0.00000	0.999822
Mg 279.079	3	Linear-thru-Zero	0.0	12581.0	0.00000	0.999889
Mn 257.610	3	Linear-thru-Zero	0.0	502527.7	0.00000	0.999635
Se 196.026	3	Linear	56.6	5975.8	0.00000	0.999954
V 292.402	3	Linear-thru-Zero	0.0	160694.1	0.00000	0.999777
Zn 206.200	3	Linear	388.9	43643.5	0.00000	0.999753
Na 330.237	3	Linear-thru-Zero	0.0	797.0	0.00000	0.999694
Ti 334.941	3	Linear-thru-Zero	0.0	503981.8	0.00000	0.999824
Mo 202.030	3	Linear-thru-Zero	0.0	16392.9	0.00000	0.999944
Sn 189.933	3	Linear	6.0	8979.5	0.00000	0.999724
Be 234.861	3	Linear-thru-Zero	0.0	503474.1	0.00000	0.999947
As 188.979	3	Linear	-23.7	2399.6	0.00000	0.999778
Sb 206.833	3	Linear	77.5	3422.0	0.00000	0.999864
Cr 206.158	3	Linear	208.0	24048.3	0.00000	0.999905
Pb 220.353	3	Linear	30.6	4543.8	0.00000	0.999810
Ni 231.604	3	Linear	61.9	19543.1	0.00000	0.999865
Tl 190.800	3	Linear	-58.9	1583.4	0.00000	0.999967

Mean Data

ID: ICS V-4509 Seq. No.: 5 Sample No.: 7 A/S Pos: 2
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 2:35:15 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	145574.3	1.01027	0.002120	mg/L				0.21%
Al 308.215	169324.9	9.88167	0.022530	mg/L				0.23%
Ba 233.527	49306.5	0.985758	0.0040450	mg/L				0.41%
Ca 315.887	3760965.5	99.4497	1.54693	mg/L				1.56%
Cd 226.502	101593.2	0.995191	0.0057164	mg/L				0.57%
Co 228.616	29740.7	0.996587	0.0050439	mg/L				0.51%
Cu 324.754	140229.9	0.998451	0.0003443	mg/L				0.03%
Fe 273.955	146808.3	9.91381	0.057590	mg/L				0.58%
Mg 279.079	1252071.0	99.5205	1.65327	mg/L				1.66%
Mn 257.610	497546.6	0.990088	0.0054322	mg/L				0.55%
Se 196.026	6006.2	0.995617	0.0000160	mg/L				0.00%
V 292.402	159289.0	0.983299	0.0030613	mg/L				0.31%
Zn 206.200	43670.6	0.991711	0.0087091	mg/L				0.88%
Na 330.237	80066.6	103.571	0.1584	mg/L				0.15%
Ti 334.941	500327.1	0.992748	0.0045617	mg/L				0.46%
Mo 202.030	16310.7	0.994984	0.0017301	mg/L				0.17%
Sn 189.933	8927.1	0.993496	0.0007735	mg/L				0.08%
Be 234.861	502195.5	0.997460	0.0170725	mg/L				1.71%
As 188.979	2345.9	0.987497	0.0015770	mg/L				0.16%
Sb 206.833	3475.0	0.992634	0.0018884	mg/L				0.19%
Cr 206.158	24086.8	0.999453	0.0073895	mg/L				0.74%
Pb 220.353	4534.4	0.991207	0.0004952	mg/L				0.05%
Ni 231.604	19416.8	0.990371	0.0002942	mg/L				0.03%
Tl 190.800	1525.9	1.00956	0.008163	mg/L				0.81%

Mean Data

ID: ICV V-4847 (2) Seq. No.: 6 Sample No.: 1 A/S Pos: 159
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 2:38:21 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	145680.0	1.01106	0.002068	mg/L				0.20%
Al 308.215	170668.0	9.96302	0.014286	mg/L				0.14%
Ba 233.527	49557.3	0.990771	0.0024586	mg/L				0.25%
Ca 315.887	3824349.7	101.126	1.1778	mg/L				1.16%
Cd 226.502	102554.8	1.00461	0.002822	mg/L				0.28%
Co 228.616	30046.3	1.00683	0.002847	mg/L				0.28%
Cu 324.754	139507.1	0.992995	0.0038203	mg/L				0.38%
Fe 273.955	148459.9	10.0261	0.03531	mg/L				0.35%
Mg 279.079	1266895.3	100.699	1.1657	mg/L				1.16%
Mn 257.610	502679.8	1.00030	0.003404	mg/L				0.34%
Se 196.026	6026.0	0.998937	0.0016710	mg/L				0.17%
V 292.402	160425.4	0.990265	0.0021737	mg/L				0.22%
Zn 206.200	44344.3	1.00715	0.004884	mg/L				0.48%
Na 330.237	80280.9	103.886	0.1175	mg/L				0.11%
Ti 334.941	506325.8	1.00465	0.009347	mg/L				0.93%

Mo 202.030	16470.8	1.00475	0.001295	mg/L	0.13%
Sn 189.933	9042.3	1.00633	0.001115	mg/L	0.11%
Be 234.861	505447.7	1.00392	0.011094	mg/L	1.11%
As 188.979	2361.9	0.994132	0.0030113	mg/L	0.30%
Sb 206.833	3501.5	1.00041	0.001267	mg/L	0.13%
Cr 206.158	24222.4	1.00519	0.001338	mg/L	0.13%
Pb 220.353	4599.8	1.00561	0.000922	mg/L	0.09%
Ni 231.604	19586.0	0.999028	0.0002616	mg/L	0.03%
Tl 190.800	1547.6	1.02339	0.000482	mg/L	0.05%

Mean Data

ID: ICB V-5157 Seq. No.: 7 Sample No.: 2 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 2:41:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-331.8	-0.0022903	0.00004662	mg/L				2.04%
Al 308.215	5488.5	-0.0405341	0.00283272	mg/L				6.99%
Ba 233.527	9.6	0.0001924	0.00006410	mg/L				33.31%
Ca 315.887	-16035.8	-0.424029	0.0194695	mg/L				4.59%
Cd 226.502	-132.4	-0.0012971	0.00011892	mg/L				9.17%
Co 228.616	-81.1	-0.0027185	0.00011812	mg/L				4.34%
Cu 324.754	8373.4	0.0031497	0.00008486	mg/L				2.69%
Fe 273.955	549.2	-0.0290586	0.00035337	mg/L				1.22%
Mg 279.079	652.9	0.0518981	0.00615578	mg/L				11.86%
Mn 257.610	526.3	0.0010473	0.00005601	mg/L				5.35%
Se 196.026	45.8	-0.0018046	0.00151962	mg/L				84.21%
V 292.402	-152.9	-0.0009518	0.00016843	mg/L				17.70%
Zn 206.200	244.9	-0.0032994	0.00015370	mg/L				4.66%
Na 330.237	917.5	1.15117	0.086498	mg/L				7.51%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	158.2	0.0003139	0.00021784	mg/L				69.39%
Mo 202.030	-85.8	-0.0052361	0.00039770	mg/L				7.60%
Sn 189.933	31.5	0.0028402	0.00016409	mg/L				5.78%
Be 234.861	-277.7	-0.0005516	0.00005110	mg/L				9.27%
As 188.979	-29.3	-0.0023427	0.00213862	mg/L				91.29%
Sb 206.833	65.7	-0.0034519	0.00019899	mg/L				5.76%
Cr 206.158	155.6	-0.0021808	0.00000451	mg/L				0.21%
Pb 220.353	14.5	-0.0035405	0.00092918	mg/L				26.24%
Ni 231.604	0.6	-0.0031379	0.00029585	mg/L				9.43%
Tl 190.800	-53.8	0.0031847	0.00187484	mg/L				58.87%

Mean Data

ID: ICSA V-4505 Seq. No.: 8 Sample No.: 3 A/S Pos: 5
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 2:44:25 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-175.0	-0.0012078	0.00019573	mg/L				16.20%
Al 308.215	7644611.1	462.486	7.0347	mg/L				1.52%
Ba 233.527	-57.9	-0.0011578	0.00005097	mg/L				4.40%
Ca 315.887	17207448.9	455.010	6.2973	mg/L				1.38%
Cd 226.502	1537.0	0.0007945	0.00022206	mg/L				27.95%
Co 228.616	82.3	0.0027578	0.00034644	mg/L				12.56%
Cu 324.754	7527.9	0.0039192	0.00022505	mg/L				5.74%
Fe 273.955	2622849.3	178.238	1.5227	mg/L				0.85%
Mg 279.079	6406567.3	509.224	7.6180	mg/L				1.50%
Mn 257.610	-2750.3	-0.0054729	0.00007296	mg/L				1.33%
Se 196.026	-242.8	-0.0038108	0.00012080	mg/L				3.17%
V 292.402	7668.1	0.0055075	0.00121687	mg/L				22.09%
Zn 206.200	190.0	-0.0045574	0.00019123	mg/L				4.20%
Na 330.237	685.9	-5.28444	0.110250	mg/L				2.09%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1806.5	-0.0035845	0.00008719	mg/L				2.43%
Mo 202.030	-193.1	-0.0046457	0.00026674	mg/L				5.74%
Sn 189.933	-3.7	-0.0010794	0.00068565	mg/L				63.52%
Be 234.861	-7557.8	0.0002322	0.00005397	mg/L				23.24%
As 188.979	-55.2	-0.0024359	0.00234966	mg/L				96.46%
Sb 206.833	117.6	-0.0016697	0.00147741	mg/L				88.48%
Cr 206.158	817.4	0.0021941	0.00044393	mg/L				20.23%

Pb 220.353	-186.2	-0.0057678	0.00342103	mg/L		59.31%
Ni 231.604	1047.9	0.0070049	0.00001788	mg/L		0.26%
Tl 190.800	-65.1	-0.0039026	0.00085441	mg/L		21.89%

Mean Data

ID: ICSAB V-4506 Seq. No.: 9 Sample No.: 4 A/S Pos: 6
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 2:47:41 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	150404.0	1.03833	0.006698	mg/L				0.65%
Al 308.215	7770168.7	470.088	4.1821	mg/L				0.89%
Ba 233.527	23984.9	0.479517	0.0024085	mg/L				0.50%
Ca 315.887	17496058.0	462.641	4.3138	mg/L				0.93%
Cd 226.502	97938.9	0.944865	0.0056369	mg/L				0.60%
Co 228.616	13987.5	0.468711	0.0022712	mg/L				0.48%
Cu 324.754	74688.7	0.511008	0.0069951	mg/L				1.37%
Fe 273.955	2672162.1	181.590	0.8369	mg/L				0.46%
Mg 279.079	6525840.0	518.704	5.2840	mg/L				1.02%
Mn 257.610	243563.3	0.484676	0.0026578	mg/L				0.55%
Se 196.026	5439.9	0.948041	0.0012574	mg/L				0.13%
V 292.402	82637.6	0.471262	0.0016191	mg/L				0.34%
Zn 206.200	39642.1	0.899406	0.0033719	mg/L				0.37%
Na 330.237	2229.1	-1.11952	0.099064	mg/L				8.85%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1627.4	-0.0032291	0.00021230	mg/L				6.57%
Mo 202.030	-191.5	-0.0044154	0.00045534	mg/L				10.31%
Sn 189.933	-27.0	-0.0036714	0.00562709	mg/L				153.27%
Be 234.861	242198.9	0.496586	0.0035285	mg/L				0.71%
As 188.979	2391.6	1.01741	0.005328	mg/L				0.52%
Sb 206.833	3520.1	0.992400	0.0017936	mg/L				0.18%
Cr 206.158	12068.3	0.475557	0.0011081	mg/L				0.23%
Pb 220.353	4242.8	0.969662	0.0007587	mg/L				0.08%
Ni 231.604	19339.4	0.942173	0.0035753	mg/L				0.38%
Tl 190.800	1494.5	0.981035	0.0008929	mg/L				0.09%

Mean Data

ID: MB 6244 (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: 8/9/05 2:50:28 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-292.2	-0.0020171	0.00015248	mg/L	-0.0020171	0.00015248	mg/L	7.56%
Al 308.215	6983.0	0.0499743	0.04743207	mg/L	0.0499743	0.04743207	mg/L	94.91%
Ba 233.527	31.3	0.0006248	0.00003508	mg/L	0.0006248	0.00003508	mg/L	5.61%
Ca 315.887	-7697.3	-0.203538	0.0161116	mg/L	-0.203538	0.0161116	mg/L	7.92%
Cd 226.502	-133.2	-0.0013043	0.00008364	mg/L	-0.0013043	0.00008364	mg/L	6.41%
Co 228.616	-86.0	-0.0028811	0.00010659	mg/L	-0.0028811	0.00010659	mg/L	3.70%
Cu 324.754	11622.8	0.0276773	0.00036181	mg/L	0.0276773	0.00036181	mg/L	1.31%
Fe 273.955	3905.4	0.199103	0.0087349	mg/L	0.199103	0.0087349	mg/L	4.39%
Mg 279.079	1817.5	0.144462	0.0321588	mg/L	0.144462	0.0321588	mg/L	22.26%
Mn 257.610	1720.2	0.0034232	0.00007054	mg/L	0.0034232	0.00007054	mg/L	2.06%
Se 196.026	58.4	0.0002969	0.00026912	mg/L	0.0002969	0.00026912	mg/L	90.65%
V 292.402	-207.9	-0.0012936	0.00005190	mg/L	-0.0012936	0.00005190	mg/L	4.01%
Zn 206.200	877.3	0.0111911	0.00048121	mg/L	0.0111911	0.00048121	mg/L	4.30%
Na 330.237	1205.8	1.51295	0.020647	mg/L	1.51295	0.020647	mg/L	1.36%
Ti 334.941	56.0	0.0001111	0.00013029	mg/L	0.0001111	0.00013029	mg/L	117.31%
Mo 202.030	-98.1	-0.0059815	0.00015674	mg/L	-0.0059815	0.00015674	mg/L	2.62%
Sn 189.933	269.3	0.0293199	0.00040122	mg/L	0.0293199	0.00040122	mg/L	1.37%
Be 234.861	-376.1	-0.0007470	0.00001956	mg/L	-0.0007470	0.00001956	mg/L	2.62%
As 188.979	-31.7	-0.0033571	0.00118328	mg/L	-0.0033571	0.00118328	mg/L	35.25%
Sb 206.833	74.7	-0.0008427	0.00238152	mg/L	-0.0008427	0.00238152	mg/L	282.62%
Cr 206.158	261.9	0.0022412	0.00022725	mg/L	0.0022412	0.00022725	mg/L	10.14%
Pb 220.353	16.4	-0.0031235	0.00005414	mg/L	-0.0031235	0.00005414	mg/L	1.73%
Ni 231.604	165.6	0.0053069	0.00030889	mg/L	0.0053069	0.00030889	mg/L	5.82%
Tl 190.800	-57.0	0.0012168	0.00304807	mg/L	0.0012168	0.00304807	mg/L	250.49%

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: 8/9/05 2:53:16 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71788.6	0.495598	0.0130109	mg/L	0.495598	0.0130109	mg/L	2.63%
Al 308.215	86204.6	4.84777	0.121044	mg/L	4.84777	0.121044	mg/L	2.50%
Ba 233.527	25380.4	0.507416	0.0145978	mg/L	0.507416	0.0145978	mg/L	2.88%
Ca 315.887	1919408.4	50.7541	1.46388	mg/L	50.7541	1.46388	mg/L	2.88%
Cd 226.502	51411.5	0.503619	0.0143922	mg/L	0.503619	0.0143922	mg/L	2.86%
Co 228.616	14939.1	0.500598	0.0055124	mg/L	0.500598	0.0055124	mg/L	1.10%
Cu 324.754	73754.8	0.496673	0.0129602	mg/L	0.496673	0.0129602	mg/L	2.61%
Fe 273.955	75461.7	5.06358	0.139292	mg/L	5.06358	0.139292	mg/L	2.75%
Mg 279.079	631127.3	50.1650	1.46034	mg/L	50.1650	1.46034	mg/L	2.91%
Mn 257.610	258864.1	0.515124	0.0140027	mg/L	0.515124	0.0140027	mg/L	2.72%
Se 196.026	2900.8	0.475947	0.0017489	mg/L	0.475947	0.0017489	mg/L	0.37%
V 292.402	81076.4	0.497742	0.0132971	mg/L	0.497742	0.0132971	mg/L	2.67%
Zn 206.200	23303.0	0.525029	0.0071894	mg/L	0.525029	0.0071894	mg/L	1.37%
Na 330.237	36722.9	47.4400	1.45357	mg/L	47.4400	1.45357	mg/L	3.06%
Ti 334.941	252113.0	0.500242	0.0124670	mg/L	0.500242	0.0124670	mg/L	2.49%
Mo 202.030	8181.4	0.499079	0.0045763	mg/L	0.499079	0.0045763	mg/L	0.92%
Sn 189.933	4716.0	0.524531	0.0066413	mg/L	0.524531	0.0066413	mg/L	1.27%
Be 234.861	247787.4	0.492155	0.0142522	mg/L	0.492155	0.0142522	mg/L	2.90%
As 188.979	1171.0	0.497875	0.0000115	mg/L	0.497875	0.0000115	mg/L	0.00%
Sb 206.833	1786.8	0.499497	0.0056513	mg/L	0.499497	0.0056513	mg/L	1.13%
Cr 206.158	12316.7	0.503513	0.0047543	mg/L	0.503513	0.0047543	mg/L	0.94%
Pb 220.353	2334.0	0.506940	0.0037294	mg/L	0.506940	0.0037294	mg/L	0.74%
Ni 231.604	9929.6	0.504922	0.0041901	mg/L	0.504922	0.0041901	mg/L	0.83%
Tl 190.800	729.3	0.497764	0.0082712	mg/L	0.497764	0.0082712	mg/L	1.66%

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: 8/9/05 2:56:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	72291.5	0.499070	0.0153292	mg/L	0.499070	0.0153292	mg/L	3.07%
Al 308.215	86079.0	4.84016	0.135126	mg/L	4.84016	0.135126	mg/L	2.79%
Ba 233.527	25729.8	0.514401	0.0038557	mg/L	0.514401	0.0038557	mg/L	0.75%
Ca 315.887	1915868.3	50.6605	1.74237	mg/L	50.6605	1.74237	mg/L	3.44%
Cd 226.502	51311.2	0.502637	0.0170521	mg/L	0.502637	0.0170521	mg/L	3.39%
Co 228.616	14993.1	0.502409	0.0033005	mg/L	0.502409	0.0033005	mg/L	0.66%
Cu 324.754	73731.5	0.496497	0.0144971	mg/L	0.496497	0.0144971	mg/L	2.92%
Fe 273.955	75436.6	5.06188	0.156188	mg/L	5.06188	0.156188	mg/L	3.09%
Mg 279.079	629750.3	50.0555	1.70928	mg/L	50.0555	1.70928	mg/L	3.41%
Mn 257.610	258767.3	0.514931	0.0162257	mg/L	0.514931	0.0162257	mg/L	3.15%
Se 196.026	2906.2	0.476863	0.0004679	mg/L	0.476863	0.0004679	mg/L	0.10%
V 292.402	81099.8	0.497903	0.0155076	mg/L	0.497903	0.0155076	mg/L	3.11%
Zn 206.200	23394.0	0.527113	0.0051140	mg/L	0.527113	0.0051140	mg/L	0.97%
Na 330.237	36861.5	47.6193	1.56413	mg/L	47.6193	1.56413	mg/L	3.28%
Ti 334.941	252336.7	0.500686	0.0144648	mg/L	0.500686	0.0144648	mg/L	2.89%
Mo 202.030	8215.9	0.501187	0.0046352	mg/L	0.501187	0.0046352	mg/L	0.92%
Sn 189.933	4734.5	0.526591	0.0041396	mg/L	0.526591	0.0041396	mg/L	0.79%
Be 234.861	247666.5	0.491915	0.0161735	mg/L	0.491915	0.0161735	mg/L	3.29%
As 188.979	1173.1	0.498749	0.0017466	mg/L	0.498749	0.0017466	mg/L	0.35%
Sb 206.833	1786.0	0.499250	0.0037523	mg/L	0.499250	0.0037523	mg/L	0.75%
Cr 206.158	12368.7	0.505676	0.0042048	mg/L	0.505676	0.0042048	mg/L	0.83%
Pb 220.353	2347.8	0.509972	0.0027963	mg/L	0.509972	0.0027963	mg/L	0.55%
Ni 231.604	9973.4	0.507162	0.0043831	mg/L	0.507162	0.0043831	mg/L	0.86%
Tl 190.800	730.9	0.498812	0.0031646	mg/L	0.498812	0.0031646	mg/L	0.63%

Mean Data

ID: 18939-001 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: 8/9/05 3:00:26 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-794.2	-0.0054826	0.00050850	mg/L	-0.0054826	0.00050850	mg/L	9.27%
Al 308.215	335420.0	19.9407	0.40007	mg/L	19.9407	0.40007	mg/L	2.01%
Ba 233.527	11255.7	0.225029	0.0069018	mg/L	0.225029	0.0069018	mg/L	3.07%
Ca 315.887	128123.5	3.38792	0.110750	mg/L	3.38792	0.110750	mg/L	3.27%

Cd 226.502	364.4	0.0035697	0.00001344	mg/L	0.0035697	0.00001344	mg/L	0.38%
Co 228.616	170.4	0.0057091	0.00015082	mg/L	0.0057091	0.00015082	mg/L	2.64%
Cu 324.754	22871.1	0.112583	0.0015323	mg/L	0.112583	0.0015323	mg/L	1.36%
Fe 273.955	442937.4	30.0450	0.73152	mg/L	30.0450	0.73152	mg/L	2.43%
Mg 279.079	27722.5	2.20352	0.008260	mg/L	2.20352	0.008260	mg/L	0.37%
Mn 257.610	130543.1	0.259773	0.0057703	mg/L	0.259773	0.0057703	mg/L	2.22%
Se 196.026	34.6	0.0053254	0.00038989	mg/L	0.0053254	0.00038989	mg/L	7.32%
V 292.402	9365.8	0.0582835	0.00114168	mg/L	0.0582835	0.00114168	mg/L	1.96%
Zn 206.200	21286.5	0.478826	0.0155771	mg/L	0.478826	0.0155771	mg/L	3.25%
Na 330.237	1736.9	3.42332	0.027681	mg/L	3.42332	0.027681	mg/L	0.81%
Ti 334.941	264622.6	0.525064	0.0138044	mg/L	0.525064	0.0138044	mg/L	2.63%
Mo 202.030	-50.1	-0.0030589	0.00022850	mg/L	-0.0030589	0.00022850	mg/L	7.47%
Sn 189.933	322.2	0.0352173	0.00094826	mg/L	0.0352173	0.00094826	mg/L	2.69%
Be 234.861	-874.2	-0.0017363	0.00016681	mg/L	-0.0017363	0.00016681	mg/L	9.61%
As 188.979	42.6	0.0276423	0.00399996	mg/L	0.0276423	0.00399996	mg/L	14.47%
Sb 206.833	89.2	0.0033975	0.00256568	mg/L	0.0033975	0.00256568	mg/L	75.52%
Cr 206.158	1326.9	0.0465246	0.00100439	mg/L	0.0465246	0.00100439	mg/L	2.16%
Pb 220.353	934.3	0.198887	0.0011541	mg/L	0.198887	0.0011541	mg/L	0.58%
Ni 231.604	749.0	0.0298267	0.00009070	mg/L	0.0298267	0.00009070	mg/L	0.30%
Tl 190.800	-72.3	-0.0084437	0.00113277	mg/L	-0.0084437	0.00113277	mg/L	13.42%

Mean Data

ID: 18939-001 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: 8/9/05 3:03:14 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	-701.4	-0.0048423	0.00055160	mg/L	-0.0048423	0.00055160	mg/L	11.39%
Al 308.215	351076.4	20.8889	0.46472	mg/L	20.8889	0.46472	mg/L	2.22%
Ba 233.527	11840.2	0.236714	0.0054557	mg/L	0.236714	0.0054557	mg/L	2.30%
Ca 315.887	140840.2	3.72418	0.112258	mg/L	3.72418	0.112258	mg/L	3.01%
Cd 226.502	189.9	0.0018602	0.00007710	mg/L	0.0018602	0.00007710	mg/L	4.14%
Co 228.616	201.0	0.0067362	0.00004407	mg/L	0.0067362	0.00004407	mg/L	0.65%
Cu 324.754	23581.8	0.117948	0.0023942	mg/L	0.117948	0.0023942	mg/L	2.03%
Fe 273.955	467441.2	31.7108	0.77129	mg/L	31.7108	0.77129	mg/L	2.43%
Mg 279.079	30722.4	2.44196	0.060174	mg/L	2.44196	0.060174	mg/L	2.46%
Mn 257.610	136543.6	0.271714	0.0061179	mg/L	0.271714	0.0061179	mg/L	2.25%
Se 196.026	28.2	0.0047602	0.00046317	mg/L	0.0047602	0.00046317	mg/L	9.73%
V 292.402	9425.3	0.0586537	0.00124073	mg/L	0.0586537	0.00124073	mg/L	2.12%
Zn 206.200	16427.1	0.367481	0.0111570	mg/L	0.367481	0.0111570	mg/L	3.04%
Na 330.237	1587.9	2.94707	0.022023	mg/L	2.94707	0.022023	mg/L	0.75%
Ti 334.941	265025.2	0.525863	0.0064128	mg/L	0.525863	0.0064128	mg/L	1.22%
Mo 202.030	-54.9	-0.0033474	0.00005277	mg/L	-0.0033474	0.00005277	mg/L	1.58%
Sn 189.933	283.1	0.0308559	0.00133125	mg/L	0.0308559	0.00133125	mg/L	4.31%
Be 234.861	-1026.1	-0.0020381	0.00006919	mg/L	-0.0020381	0.00006919	mg/L	3.39%
As 188.979	51.8	0.0314522	0.00182878	mg/L	0.0314522	0.00182878	mg/L	5.81%
Sb 206.833	88.2	0.0031264	0.00098104	mg/L	0.0031264	0.00098104	mg/L	31.38%
Cr 206.158	1444.2	0.0514032	0.00089786	mg/L	0.0514032	0.00089786	mg/L	1.75%
Pb 220.353	1063.0	0.227210	0.0032842	mg/L	0.227210	0.0032842	mg/L	1.45%
Ni 231.604	780.0	0.0311173	0.00060010	mg/L	0.0311173	0.00060010	mg/L	1.93%
Tl 190.800	-78.5	-0.0123582	0.00309050	mg/L	-0.0123582	0.00309050	mg/L	25.01%

Mean Data

ID: 18939-001 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: 8/9/05 3:06:09 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Sample Units	RSD
Ag 328.068	67329.3	0.470309	0.0055393	mg/L	0.470309	0.0055393	mg/L	1.18%
Al 308.215	606836.4	36.3781	0.39533	mg/L	36.3781	0.39533	mg/L	1.09%
Ba 233.527	35960.3	0.718933	0.0089403	mg/L	0.718933	0.0089403	mg/L	1.24%
Ca 315.887	1971351.0	52.1276	0.76372	mg/L	52.1276	0.76372	mg/L	1.47%
Cd 226.502	48661.5	0.476681	0.0069125	mg/L	0.476681	0.0069125	mg/L	1.45%
Co 228.616	14272.2	0.478250	0.0006825	mg/L	0.478250	0.0006825	mg/L	0.14%
Cu 324.754	84258.0	0.575954	0.0069781	mg/L	0.575954	0.0069781	mg/L	1.21%
Fe 273.955	537185.3	36.4521	0.47711	mg/L	36.4521	0.47711	mg/L	1.31%
Mg 279.079	641081.3	50.9561	0.75175	mg/L	50.9561	0.75175	mg/L	1.48%
Mn 257.610	389020.7	0.774128	0.0102725	mg/L	0.774128	0.0102725	mg/L	1.33%
Se 196.026	2669.2	0.448132	0.0010772	mg/L	0.448132	0.0010772	mg/L	0.24%
V 292.402	86194.8	0.534963	0.0068777	mg/L	0.534963	0.0068777	mg/L	1.29%

Zn 206.200	37122.1	0.841665	0.0143959	mg/L	0.841665	0.0143959 mg/L	1.71%
Na 330.237	35325.7	47.0667	0.52529	mg/L	47.0667	0.52529 mg/L	1.12%
Ti 334.941	520424.2	1.03262	0.010772	mg/L	1.03262	0.010772 mg/L	1.04%
Mo 202.030	7490.5	0.456933	0.0012724	mg/L	0.456933	0.0012724 mg/L	0.28%
Sn 189.933	4616.3	0.513432	0.0001269	mg/L	0.513432	0.0001269 mg/L	0.02%
Be 234.861	231512.9	0.462948	0.0068716	mg/L	0.462948	0.0068716 mg/L	1.48%
As 188.979	1153.6	0.490602	0.0010060	mg/L	0.490602	0.0010060 mg/L	0.21%
Sb 206.833	1486.7	0.411806	0.0000128	mg/L	0.411806	0.0000128 mg/L	0.00%
Cr 206.158	12902.3	0.533384	0.0074511	mg/L	0.533384	0.0074511 mg/L	1.40%
Pb 220.353	3232.1	0.704595	0.0006291	mg/L	0.704595	0.0006291 mg/L	0.09%
Ni 231.604	10184.2	0.511480	0.0010266	mg/L	0.511480	0.0010266 mg/L	0.20%
Tl 190.800	662.5	0.464671	0.0036816	mg/L	0.464671	0.0036816 mg/L	0.79%

Mean Data

ID: 18939-001 MS 2 Seq. No.: 16 Sample No.: 7 A/S Pos: 15
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:09:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	67839.7	0.473766	0.0067863	mg/L	0.473766	0.0067863	mg/L	1.43%
Al 308.215	586378.2	35.1391	0.44769	mg/L	35.1391	0.44769	mg/L	1.27%
Ba 233.527	36231.5	0.724356	0.0095261	mg/L	0.724356	0.0095261	mg/L	1.32%
Ca 315.887	1958757.3	51.7946	0.85790	mg/L	51.7946	0.85790	mg/L	1.66%
Cd 226.502	49169.4	0.480154	0.0056418	mg/L	0.480154	0.0056418	mg/L	1.18%
Co 228.616	14340.8	0.480550	0.0023648	mg/L	0.480550	0.0023648	mg/L	0.49%
Cu 324.754	85602.4	0.586102	0.0086963	mg/L	0.586102	0.0086963	mg/L	1.48%
Fe 273.955	547482.3	37.1521	0.55347	mg/L	37.1521	0.55347	mg/L	1.49%
Mg 279.079	643681.6	51.1628	0.89271	mg/L	51.1628	0.89271	mg/L	1.74%
Mn 257.610	378563.7	0.753319	0.0113243	mg/L	0.753319	0.0113243	mg/L	1.50%
Se 196.026	2685.5	0.451074	0.0044041	mg/L	0.451074	0.0044041	mg/L	0.98%
V 292.402	86957.8	0.539788	0.0083600	mg/L	0.539788	0.0083600	mg/L	1.55%
Zn 206.200	37254.0	0.844688	0.0166147	mg/L	0.844688	0.0166147	mg/L	1.97%
Na 330.237	35867.7	47.7478	0.91620	mg/L	47.7478	0.91620	mg/L	1.92%
Ti 334.941	514126.8	1.02013	0.014428	mg/L	1.02013	0.014428	mg/L	1.41%
Mo 202.030	7558.9	0.461107	0.0021218	mg/L	0.461107	0.0021218	mg/L	0.46%
Sn 189.933	4671.3	0.519553	0.0030227	mg/L	0.519553	0.0030227	mg/L	0.58%
Be 234.861	233827.3	0.467605	0.0077228	mg/L	0.467605	0.0077228	mg/L	1.65%
As 188.979	1177.1	0.500389	0.0025743	mg/L	0.500389	0.0025743	mg/L	0.51%
Sb 206.833	1516.4	0.420461	0.0005287	mg/L	0.420461	0.0005287	mg/L	0.13%
Cr 206.158	12985.0	0.536843	0.0084866	mg/L	0.536843	0.0084866	mg/L	1.58%
Pb 220.353	3171.1	0.691164	0.0047126	mg/L	0.691164	0.0047126	mg/L	0.68%
Ni 231.604	10205.0	0.512421	0.0024289	mg/L	0.512421	0.0024289	mg/L	0.47%
Tl 190.800	664.7	0.465931	0.0003129	mg/L	0.465931	0.0003129	mg/L	0.07%

Mean Data

ID: 18939-001 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: 8/9/05 3:13:36 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	68700.9	0.479731	0.0070277	mg/L	0.479731	0.0070277	mg/L	1.46%
Al 308.215	444466.2	26.5447	0.44030	mg/L	26.5447	0.44030	mg/L	1.66%
Ba 233.527	36625.9	0.732241	0.0131509	mg/L	0.732241	0.0131509	mg/L	1.80%
Ca 315.887	2033547.8	53.7723	1.01010	mg/L	53.7723	1.01010	mg/L	1.88%
Cd 226.502	51848.3	0.507898	0.0081793	mg/L	0.507898	0.0081793	mg/L	1.61%
Co 228.616	14930.9	0.500323	0.0021634	mg/L	0.500323	0.0021634	mg/L	0.43%
Cu 324.754	88443.3	0.607547	0.0096443	mg/L	0.607547	0.0096443	mg/L	1.59%
Fe 273.955	517339.3	35.1029	0.58204	mg/L	35.1029	0.58204	mg/L	1.66%
Mg 279.079	661343.3	52.5667	0.98497	mg/L	52.5667	0.98497	mg/L	1.87%
Mn 257.610	380738.0	0.757646	0.0133986	mg/L	0.757646	0.0133986	mg/L	1.77%
Se 196.026	2810.4	0.471362	0.0024102	mg/L	0.471362	0.0024102	mg/L	0.51%
V 292.402	88922.0	0.551514	0.0096349	mg/L	0.551514	0.0096349	mg/L	1.75%
Zn 206.200	42757.9	0.970798	0.0200745	mg/L	0.970798	0.0200745	mg/L	2.07%
Na 330.237	37071.9	49.5882	0.95244	mg/L	49.5882	0.95244	mg/L	1.92%
Ti 334.941	515936.0	1.02372	0.017223	mg/L	1.02372	0.017223	mg/L	1.68%
Mo 202.030	8114.8	0.495018	0.0018073	mg/L	0.495018	0.0018073	mg/L	0.37%
Sn 189.933	4959.5	0.551646	0.0007054	mg/L	0.551646	0.0007054	mg/L	0.13%
Be 234.861	243423.8	0.485007	0.0107896	mg/L	0.485007	0.0107896	mg/L	2.22%
As 188.979	1247.8	0.529881	0.0039724	mg/L	0.529881	0.0039724	mg/L	0.75%
Sb 206.833	1753.7	0.489808	0.0021108	mg/L	0.489808	0.0021108	mg/L	0.43%

Cr 206.158	13298.7	0.550713	0.0089599	mg/L	0.550713	0.0089599 mg/L	1.63%
Pb 220.353	3171.4	0.691230	0.0000884	mg/L	0.691230	0.0000884 mg/L	0.01%
Ni 231.604	10475.8	0.526639	0.0021737	mg/L	0.526639	0.0021737 mg/L	0.41%
Tl 190.800	701.2	0.488972	0.0006275	mg/L	0.488972	0.0006275 mg/L	0.13%

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

ID: CCV V-4510 Seq. No.: 18 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:17:17 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	70954.7	0.489842	0.0068799	mg/L				1.40%
Al 308.215	92451.7	5.22610	0.073499	mg/L				1.41%
Ba 233.527	26428.9	0.528379	0.0079686	mg/L				1.51%
Ca 315.887	1967000.5	52.0126	0.72270	mg/L				1.39%
Cd 226.502	52850.1	0.517712	0.0066003	mg/L				1.27%
Co 228.616	15150.0	0.507665	0.0020697	mg/L				0.41%
Cu 324.754	74372.7	0.501336	0.0076215	mg/L				1.52%
Fe 273.955	77441.7	5.19819	0.067710	mg/L				1.30%
Mg 279.079	650929.1	51.7389	0.74241	mg/L				1.43%
Mn 257.610	263884.4	0.525114	0.0066525	mg/L				1.27%
Se 196.026	3111.7	0.511253	0.0024156	mg/L				0.47%
V 292.402	83454.8	0.512330	0.0065215	mg/L				1.27%
Zn 206.200	23242.8	0.523649	0.0013628	mg/L				0.26%
Na 330.237	38448.9	49.6021	0.80748	mg/L				1.63%
Ti 334.941	260858.0	0.517594	0.0067818	mg/L				1.31%
Mo 202.030	8358.1	0.509859	0.0021441	mg/L				0.42%
Sn 189.933	4674.2	0.519871	0.0027087	mg/L				0.52%
Be 234.861	257812.3	0.512067	0.0072801	mg/L				1.42%
As 188.979	1229.0	0.522020	0.0044501	mg/L				0.85%
Sb 206.833	1839.0	0.514730	0.0023501	mg/L				0.46%
Cr 206.158	12578.9	0.514418	0.0025010	mg/L				0.49%
Pb 220.353	2394.1	0.520161	0.0002643	mg/L				0.05%
Ni 231.604	10122.8	0.514804	0.0021742	mg/L				0.42%
Tl 190.800	750.4	0.511119	0.0064858	mg/L				1.27%

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: 8/9/05 3:20:05 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-309.3	-0.0021356	0.00063234	mg/L				29.61%
Al 308.215	5585.8	-0.0346409	0.00511805	mg/L				14.77%
Ba 233.527	-0.3	-0.0000066	0.00005433	mg/L				817.47%
Ca 315.887	-16584.2	-0.438529	0.0114903	mg/L				2.62%
Cd 226.502	-151.5	-0.0014841	0.00005541	mg/L				3.73%
Co 228.616	-85.8	-0.0028741	0.00000443	mg/L				0.15%
Cu 324.754	8208.8	0.0019068	0.00000120	mg/L				0.06%
Fe 273.955	553.2	-0.0287868	0.00108452	mg/L				3.77%
Mg 279.079	578.0	0.0459432	0.00492950	mg/L				10.73%
Mn 257.610	508.1	0.0010110	0.00001769	mg/L				1.75%
Se 196.026	45.7	-0.0018216	0.00074518	mg/L				40.91%
V 292.402	-181.3	-0.0011281	0.00000926	mg/L				0.82%
Zn 206.200	187.0	-0.0046250	0.00003059	mg/L				0.66%
Na 330.237	913.3	1.14585	0.156692	mg/L				13.67%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-97.9	-0.0001942	0.00037284	mg/L				191.95%
Mo 202.030	-97.6	-0.0059529	0.00013132	mg/L				2.21%
Sn 189.933	-4.8	-0.0012071	0.00089890	mg/L				74.47%
Be 234.861	-325.8	-0.0006470	0.00003259	mg/L				5.04%
As 188.979	-34.1	-0.0043493	0.00134487	mg/L				30.92%
Sb 206.833	67.1	-0.0030417	0.00012582	mg/L				4.14%
Cr 206.158	152.6	-0.0023058	0.00000120	mg/L				0.05%
Pb 220.353	18.7	-0.0026270	0.00050704	mg/L				19.30%
Ni 231.604	5.8	-0.0028736	0.00035471	mg/L				12.34%
Tl 190.800	-57.8	0.0007123	0.00233520	mg/L				327.85%

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

ID: 18893-001 Seq. No.: 20 Sample No.: 9 A/S Pos: 17

Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:22:59 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-460.4	0.0025582	0.00022669	mg/L	0.0025582	0.00022669	mg/L	8.86%
Al 308.215	663434.0	39.8058	0.50472	mg/L	39.8058	0.50472	mg/L	1.27%
Ba 233.527	34534.7	0.690432	0.0116520	mg/L	0.690432	0.0116520	mg/L	1.69%
Ca 315.887	632594.6	16.7274	0.29345	mg/L	16.7274	0.29345	mg/L	1.75%
Cd 226.502	1993.3	0.0104856	0.00037346	mg/L	0.0104856	0.00037346	mg/L	3.56%
Co 228.616	1401.4	0.0469609	0.00010293	mg/L	0.0469609	0.00010293	mg/L	0.22%
Cu 324.754	199359.9	1.44479	0.018511	mg/L	1.44479	0.018511	mg/L	1.28%
Fe 273.955	1663113.0	112.994	1.6853	mg/L	112.994	1.6853	mg/L	1.49%
Mg 279.079	154228.2	12.2588	0.22767	mg/L	12.2588	0.22767	mg/L	1.86%
Mn 257.610	718236.0	1.42925	0.021952	mg/L	1.42925	0.021952	mg/L	1.54%
Se 196.026	-69.6	0.0127931	0.00151626	mg/L	0.0127931	0.00151626	mg/L	11.85%
V 292.402	28392.6	0.193663	0.0025190	mg/L	0.193663	0.0025190	mg/L	1.30%
Zn 206.200	109466.4	2.49928	0.048240	mg/L	2.49928	0.048240	mg/L	1.93%
Na 330.237	4730.3	12.1510	0.13838	mg/L	12.1510	0.13838	mg/L	1.14%
Ti 334.941	543222.7	1.07786	0.013315	mg/L	1.07786	0.013315	mg/L	1.24%
Mo 202.030	61.6	0.0037600	0.00015606	mg/L	0.0037600	0.00015606	mg/L	4.15%
Sn 189.933	6263.1	0.696825	0.0025556	mg/L	0.696825	0.0025556	mg/L	0.37%
Be 234.861	-3271.9	0.0031650	0.00009452	mg/L	0.0031650	0.00009452	mg/L	2.99%
As 188.979	147.7	0.0781948	0.00184970	mg/L	0.0781948	0.00184970	mg/L	2.37%
Sb 206.833	202.1	0.0364004	0.00259969	mg/L	0.0364004	0.00259969	mg/L	7.14%
Cr 206.158	9563.5	0.405409	0.0050561	mg/L	0.405409	0.0050561	mg/L	1.25%
Pb 220.353	7710.1	1.69012	0.001135	mg/L	1.69012	0.001135	mg/L	0.07%
Ni 231.604	5045.2	0.234940	0.0006442	mg/L	0.234940	0.0006442	mg/L	0.27%
Tl 190.800	-88.9	-0.0095088	0.00162994	mg/L	-0.0095088	0.00162994	mg/L	17.14%

Mean Data

ID: 18893-001 SD Seq. No.: 21 Sample No.: 10 A/S Pos: 18
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:25:50 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-377.8	-0.0026079	0.00020024	mg/L	-0.0026079	0.00020024	mg/L	7.68%
Al 308.215	132445.1	7.64817	0.154365	mg/L	7.64817	0.154365	mg/L	2.02%
Ba 233.527	6833.7	0.136623	0.0004940	mg/L	0.136623	0.0004940	mg/L	0.36%
Ca 315.887	110802.6	2.92991	0.068117	mg/L	2.92991	0.068117	mg/L	2.32%
Cd 226.502	242.8	0.0023783	0.00002777	mg/L	0.0023783	0.00002777	mg/L	1.17%
Co 228.616	200.8	0.0067298	0.00015921	mg/L	0.0067298	0.00015921	mg/L	2.37%
Cu 324.754	45176.2	0.280951	0.0055442	mg/L	0.280951	0.0055442	mg/L	1.97%
Fe 273.955	340204.6	23.0611	0.49124	mg/L	23.0611	0.49124	mg/L	2.13%
Mg 279.079	30363.5	2.41343	0.046806	mg/L	2.41343	0.046806	mg/L	1.94%
Mn 257.610	144164.8	0.286879	0.0060138	mg/L	0.286879	0.0060138	mg/L	2.10%
Se 196.026	26.6	0.0018933	0.00063711	mg/L	0.0018933	0.00063711	mg/L	33.65%
V 292.402	5453.2	0.0339355	0.00080484	mg/L	0.0339355	0.00080484	mg/L	2.37%
Zn 206.200	22339.4	0.502951	0.0095131	mg/L	0.502951	0.0095131	mg/L	1.89%
Na 330.237	1675.6	3.40916	0.023809	mg/L	3.40916	0.023809	mg/L	0.70%
Ti 334.941	107202.1	0.212710	0.0043924	mg/L	0.212710	0.0043924	mg/L	2.06%
Mo 202.030	-67.1	-0.0040939	0.00007797	mg/L	-0.0040939	0.00007797	mg/L	1.90%
Sn 189.933	1231.9	0.136528	0.0001071	mg/L	0.136528	0.0001071	mg/L	0.08%
Be 234.861	-1022.0	-0.0020300	0.00001088	mg/L	-0.0020300	0.00001088	mg/L	0.54%
As 188.979	4.5	0.0117539	0.00109771	mg/L	0.0117539	0.00109771	mg/L	9.34%
Sb 206.833	97.5	0.0058375	0.00008959	mg/L	0.0058375	0.00008959	mg/L	1.53%
Cr 206.158	2008.0	0.0748473	0.00083290	mg/L	0.0748473	0.00083290	mg/L	1.11%
Pb 220.353	1531.1	0.330236	0.0011208	mg/L	0.330236	0.0011208	mg/L	0.34%
Ni 231.604	1001.4	0.0480717	0.00037999	mg/L	0.0480717	0.00037999	mg/L	0.79%
Tl 190.800	-65.4	-0.0041041	0.00251476	mg/L	-0.0041041	0.00251476	mg/L	61.27%

Mean Data

ID: 18893-002 Seq. No.: 22 Sample No.: 11 A/S Pos: 19
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:28:51 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1273.3	-0.0028445	0.00016573	mg/L	-0.0028445	0.00016573	mg/L	5.83%
Al 308.215	225035.3	13.2556	0.08414	mg/L	13.2556	0.08414	mg/L	0.63%
Ba 233.527	23601.7	0.471856	0.0035577	mg/L	0.471856	0.0035577	mg/L	0.75%

Ca 315.887	417524.2	11.0404	0.26676	mg/L	11.0404	0.26676	mg/L	2.42%
Cd 226.502	503.6	-0.0016199	0.00016316	mg/L	-0.0016199	0.00016316	mg/L	10.07%
Co 228.616	632.0	0.0211773	0.00002964	mg/L	0.0211773	0.00002964	mg/L	0.14%
Cu 324.754	70098.5	0.469073	0.0014922	mg/L	0.469073	0.0014922	mg/L	0.32%
Fe 273.955	1205707.5	81.8990	1.64274	mg/L	81.8990	1.64274	mg/L	2.01%
Mg 279.079	18795.9	1.49398	0.019042	mg/L	1.49398	0.019042	mg/L	1.27%
Mn 257.610	307321.9	0.611552	0.0124174	mg/L	0.611552	0.0124174	mg/L	2.03%
Se 196.026	-30.1	0.0100605	0.00186348	mg/L	0.0100605	0.00186348	mg/L	18.52%
V 292.402	8924.4	0.0678405	0.00098946	mg/L	0.0678405	0.00098946	mg/L	1.46%
Zn 206.200	4214.3	0.0876513	0.00001686	mg/L	0.0876513	0.00001686	mg/L	0.02%
Na 330.237	903.8	1.11385	0.030248	mg/L	1.11385	0.030248	mg/L	2.72%
Ti 334.941	563065.1	1.11723	0.018435	mg/L	1.11723	0.018435	mg/L	1.65%
Mo 202.030	-15.8	-0.0009608	0.00051796	mg/L	-0.0009608	0.00051796	mg/L	53.91%
Sn 189.933	318.7	0.0348212	0.00077668	mg/L	0.0348212	0.00077668	mg/L	2.23%
Be 234.861	-3002.4	0.0010410	0.00002428	mg/L	0.0010410	0.00002428	mg/L	2.33%
As 188.979	31.2	0.0228825	0.00071152	mg/L	0.0228825	0.00071152	mg/L	3.11%
Sb 206.833	114.0	0.0106384	0.00106002	mg/L	0.0106384	0.00106002	mg/L	9.96%
Cr 206.158	1486.0	0.0531436	0.00007449	mg/L	0.0531436	0.00007449	mg/L	0.14%
Pb 220.353	5103.7	1.11650	0.003022	mg/L	1.11650	0.003022	mg/L	0.27%
Ni 231.604	1497.2	0.0589096	0.00041138	mg/L	0.0589096	0.00041138	mg/L	0.70%
Tl 190.800	-85.5	-0.0070118	0.00026990	mg/L	-0.0070118	0.00026990	mg/L	3.85%

Mean Data

ID: 18893-003 Seq. No.: 23 Sample No.: 12 A/S Pos: 20
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:32:01 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1293.7	-0.0089313	0.00009031	mg/L	-0.0089313	0.00009031	mg/L	1.01%
Al 308.215	304172.0	18.0482	0.28536	mg/L	18.0482	0.28536	mg/L	1.58%
Ba 233.527	33172.3	0.663196	0.0108086	mg/L	0.663196	0.0108086	mg/L	1.63%
Ca 315.887	3912933.9	103.468	1.5648	mg/L	103.468	1.5648	mg/L	1.51%
Cd 226.502	6028.0	0.0322753	0.00070522	mg/L	0.0322753	0.00070522	mg/L	2.19%
Co 228.616	7851.4	0.263095	0.0009377	mg/L	0.263095	0.0009377	mg/L	0.36%
Cu 324.754	730437.7	5.46698	0.066535	mg/L	5.46698	0.066535	mg/L	1.22%
Fe 273.955	4923236.1	334.621	4.5463	mg/L	334.621	4.5463	mg/L	1.36%
Mg 279.079	180155.6	14.3196	0.25000	mg/L	14.3196	0.25000	mg/L	1.75%
Mn 257.610	4222800.1	8.40312	0.115349	mg/L	8.40312	0.115349	mg/L	1.37%
Se 196.026	-363.1	0.0217700	0.00122970	mg/L	0.0217700	0.00122970	mg/L	5.65%
V 292.402	42090.6	0.312202	0.0050695	mg/L	0.312202	0.0050695	mg/L	1.62%
Zn 206.200	210631.1	4.81726	0.091674	mg/L	4.81726	0.091674	mg/L	1.90%
Na 330.237	8297.9	20.3834	0.37662	mg/L	20.3834	0.37662	mg/L	1.85%
Ti 334.941	350413.0	0.695289	0.0116479	mg/L	0.695289	0.0116479	mg/L	1.68%
Mo 202.030	3232.1	0.210555	0.0042200	mg/L	0.210555	0.0042200	mg/L	2.00%
Sn 189.933	3193.2	0.354945	0.0003487	mg/L	0.354945	0.0003487	mg/L	0.10%
Be 234.861	-13309.3	0.0021830	0.00005226	mg/L	0.0021830	0.00005226	mg/L	2.39%
As 188.979	353.9	0.177407	0.0001608	mg/L	0.177407	0.0001608	mg/L	0.09%
Sb 206.833	371.9	0.0787235	0.00176489	mg/L	0.0787235	0.00176489	mg/L	2.24%
Cr 206.158	23116.6	0.984183	0.0197081	mg/L	0.984183	0.0197081	mg/L	2.00%
Pb 220.353	17385.7	3.81099	0.003227	mg/L	3.81099	0.003227	mg/L	0.08%
Ni 231.604	18236.0	0.870573	0.0004265	mg/L	0.870573	0.0004265	mg/L	0.05%
Tl 190.800	-80.6	-0.0008613	0.00112354	mg/L	-0.0008613	0.00112354	mg/L	130.44%

Mean Data

ID: 18893-004 Seq. No.: 24 Sample No.: 13 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:35:51 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2074.9	-0.0036164	0.00066757	mg/L	-0.0036164	0.00066757	mg/L	18.46%
Al 308.215	542077.4	32.4562	0.44663	mg/L	32.4562	0.44663	mg/L	1.38%
Ba 233.527	14517.6	0.290242	0.0003556	mg/L	0.290242	0.0003556	mg/L	0.12%
Ca 315.887	345718.7	9.14170	0.134231	mg/L	9.14170	0.134231	mg/L	1.47%
Cd 226.502	802.2	0.0005989	0.00000707	mg/L	0.0005989	0.00000707	mg/L	1.18%
Co 228.616	2510.8	0.0841365	0.00012721	mg/L	0.0841365	0.00012721	mg/L	0.15%
Cu 324.754	22522.5	0.109952	0.0014788	mg/L	0.109952	0.0014788	mg/L	1.34%
Fe 273.955	1335619.0	90.7306	1.09498	mg/L	90.7306	1.09498	mg/L	1.21%
Mg 279.079	171594.8	13.6392	0.18802	mg/L	13.6392	0.18802	mg/L	1.38%
Mn 257.610	781125.0	1.55439	0.021095	mg/L	1.55439	0.021095	mg/L	1.36%
Se 196.026	-46.5	0.0099783	0.00108677	mg/L	0.0099783	0.00108677	mg/L	10.89%

V 292.402	16128.4	0.113998	0.0000465	mg/L	0.113998	0.0000465	mg/L	0.04%
Zn 206.200	103117.3	2.35381	0.031913	mg/L	2.35381	0.031913	mg/L	1.36%
Na 330.237	3594.2	11.0206	0.06942	mg/L	11.0206	0.06942	mg/L	0.63%
Ti 334.941	1013957.5	2.01189	0.026796	mg/L	2.01189	0.026796	mg/L	1.33%
Mo 202.030	-63.7	-0.0038876	0.00026370	mg/L	-0.0038876	0.00026370	mg/L	6.78%
Sn 189.933	254.8	0.0334503	0.00041681	mg/L	0.0334503	0.00041681	mg/L	1.25%
Be 234.861	-2811.9	0.0021746	0.00001317	mg/L	0.0021746	0.00001317	mg/L	0.61%
As 188.979	25.2	0.0258126	0.00156418	mg/L	0.0258126	0.00156418	mg/L	6.06%
Sb 206.833	83.2	0.0016531	0.00042967	mg/L	0.0016531	0.00042967	mg/L	25.99%
Cr 206.158	3521.6	0.153219	0.0031213	mg/L	0.153219	0.0031213	mg/L	2.04%
Pb 220.353	628.2	0.131532	0.0014844	mg/L	0.131532	0.0014844	mg/L	1.13%
Ni 231.604	3568.3	0.163317	0.0007800	mg/L	0.163317	0.0007800	mg/L	0.48%
Tl 190.800	-101.5	-0.0093015	0.00478539	mg/L	-0.0093015	0.00478539	mg/L	51.45%

Mean Data

ID: 18893-005 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: 8/9/05 3:38:52 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3199.7	-0.0037874	0.00000692	mg/L	-0.0037874	0.00000692	mg/L	0.18%
Al 308.215	1187845.5	71.5650	0.87215	mg/L	71.5650	0.87215	mg/L	1.22%
Ba 233.527	54904.2	1.09767	0.015294	mg/L	1.09767	0.015294	mg/L	1.39%
Ca 315.887	855483.1	22.6212	0.34101	mg/L	22.6212	0.34101	mg/L	1.51%
Cd 226.502	836.8	-0.0001442	0.00006574	mg/L	-0.0001442	0.00006574	mg/L	45.58%
Co 228.616	1474.2	0.0493998	0.00008898	mg/L	0.0493998	0.00008898	mg/L	0.18%
Cu 324.754	19736.3	0.0889210	0.00052269	mg/L	0.0889210	0.00052269	mg/L	0.59%
Fe 273.955	1534437.6	104.246	1.3546	mg/L	104.246	1.3546	mg/L	1.30%
Mg 279.079	317341.5	25.2238	0.36438	mg/L	25.2238	0.36438	mg/L	1.44%
Mn 257.610	947006.2	1.88449	0.026272	mg/L	1.88449	0.026272	mg/L	1.39%
Se 196.026	-50.9	0.0132929	0.00137334	mg/L	0.0132929	0.00137334	mg/L	10.33%
V 292.402	30692.1	0.206658	0.0029116	mg/L	0.206658	0.0029116	mg/L	1.41%
Zn 206.200	15888.4	0.355139	0.0011680	mg/L	0.355139	0.0011680	mg/L	0.33%
Na 330.237	614.1	2.75543	0.010100	mg/L	2.75543	0.010100	mg/L	0.37%
Ti 334.941	1733116.7	3.43885	0.045516	mg/L	3.43885	0.045516	mg/L	1.32%
Mo 202.030	-101.7	-0.0062058	0.00008456	mg/L	-0.0062058	0.00008456	mg/L	1.36%
Sn 189.933	168.5	0.0279120	0.00046289	mg/L	0.0279120	0.00046289	mg/L	1.66%
Be 234.861	-1919.6	0.0051028	0.00007502	mg/L	0.0051028	0.00007502	mg/L	1.47%
As 188.979	1.8	0.0237733	0.00222765	mg/L	0.0237733	0.00222765	mg/L	9.37%
Sb 206.833	78.6	0.0003096	0.00076121	mg/L	0.0003096	0.00076121	mg/L	245.84%
Cr 206.158	5201.0	0.207623	0.0007913	mg/L	0.207623	0.0007913	mg/L	0.38%
Pb 220.353	433.3	0.0937873	0.00189064	mg/L	0.0937873	0.00189064	mg/L	2.02%
Ni 231.604	3150.6	0.139545	0.0004036	mg/L	0.139545	0.0004036	mg/L	0.29%
Tl 190.800	-127.6	-0.0132612	0.00290765	mg/L	-0.0132612	0.00290765	mg/L	21.93%

Mean Data

ID: 18893-006 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: 8/9/05 3:41:53 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1187.2	-0.0021413	0.00060883	mg/L	-0.0021413	0.00060883	mg/L	28.43%
Al 308.215	403372.1	24.0560	0.48391	mg/L	24.0560	0.48391	mg/L	2.01%
Ba 233.527	35228.5	0.704304	0.0132779	mg/L	0.704304	0.0132779	mg/L	1.89%
Ca 315.887	2494855.2	65.9705	1.38309	mg/L	65.9705	1.38309	mg/L	2.10%
Cd 226.502	1580.2	0.0070504	0.00021751	mg/L	0.0070504	0.00021751	mg/L	3.09%
Co 228.616	1194.4	0.0400223	0.00018943	mg/L	0.0400223	0.00018943	mg/L	0.47%
Cu 324.754	109612.1	0.767336	0.0165338	mg/L	0.767336	0.0165338	mg/L	2.15%
Fe 273.955	1550652.1	105.349	1.9648	mg/L	105.349	1.9648	mg/L	1.87%
Mg 279.079	253860.2	20.1780	0.41084	mg/L	20.1780	0.41084	mg/L	2.04%
Mn 257.610	792634.5	1.57730	0.031223	mg/L	1.57730	0.031223	mg/L	1.98%
Se 196.026	-40.8	0.0153126	0.00189793	mg/L	0.0153126	0.00189793	mg/L	12.39%
V 292.402	20266.2	0.141944	0.0005418	mg/L	0.141944	0.0005418	mg/L	0.38%
Zn 206.200	98414.3	2.24605	0.046350	mg/L	2.24605	0.046350	mg/L	2.06%
Na 330.237	4182.0	10.8955	0.12844	mg/L	10.8955	0.12844	mg/L	1.18%
Ti 334.941	573377.9	1.13770	0.022565	mg/L	1.13770	0.022565	mg/L	1.98%
Mo 202.030	383.4	0.0233860	0.00003556	mg/L	0.0233860	0.00003556	mg/L	0.15%
Sn 189.933	771.2	0.0852161	0.00048745	mg/L	0.0852161	0.00048745	mg/L	0.57%
Be 234.861	-3497.7	0.0020626	0.00001290	mg/L	0.0020626	0.00001290	mg/L	0.63%
As 188.979	512.7	0.229863	0.0028827	mg/L	0.229863	0.0028827	mg/L	1.25%

Sb 206.833	163.7	0.0251794	0.00095286	mg/L	0.0251794	0.00095286	mg/L	3.78%
Cr 206.158	4311.9	0.185372	0.0042363	mg/L	0.185372	0.0042363	mg/L	2.29%
Pb 220.353	9343.3	2.04956	0.008743	mg/L	2.04956	0.008743	mg/L	0.43%
Ni 231.604	3539.6	0.159257	0.0006948	mg/L	0.159257	0.0006948	mg/L	0.44%
Tl 190.800	-88.5	-0.0087381	0.00199667	mg/L	-0.0087381	0.00199667	mg/L	22.85%

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

ID: CCV V-4510 Seq. No.: 27 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:44:49 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	70891.7	0.489407	0.0071800	mg/L				1.47%
Al 308.215	92178.9	5.20959	0.067381	mg/L				1.29%
Ba 233.527	26336.6	0.526534	0.0059675	mg/L				1.13%
Ca 315.887	1957309.4	51.7563	0.62828	mg/L				1.21%
Cd 226.502	52647.4	0.515726	0.0063123	mg/L				1.22%
Co 228.616	15043.5	0.504095	0.0004396	mg/L				0.09%
Cu 324.754	74580.6	0.502906	0.0069506	mg/L				1.38%
Fe 273.955	77443.4	5.19830	0.050694	mg/L				0.98%
Mg 279.079	648312.2	51.5309	0.65904	mg/L				1.28%
Mn 257.610	263129.1	0.523611	0.0064985	mg/L				1.24%
Se 196.026	3077.6	0.505539	0.0008075	mg/L				0.16%
V 292.402	83211.0	0.510841	0.0063260	mg/L				1.24%
Zn 206.200	23187.5	0.522382	0.0005348	mg/L				0.10%
Na 330.237	38503.9	49.6677	0.75480	mg/L				1.52%
Ti 334.941	260282.2	0.516452	0.0062064	mg/L				1.20%
Mo 202.030	8282.8	0.505267	0.0015209	mg/L				0.30%
Sn 189.933	4626.9	0.514612	0.0002914	mg/L				0.06%
Be 234.861	257085.9	0.510624	0.0073942	mg/L				1.45%
As 188.979	1213.0	0.515349	0.0021435	mg/L				0.42%
Sb 206.833	1826.3	0.511041	0.0011524	mg/L				0.23%
Cr 206.158	12482.7	0.510419	0.0011205	mg/L				0.22%
Pb 220.353	2365.6	0.513892	0.0002427	mg/L				0.05%
Ni 231.604	10061.0	0.511642	0.0009843	mg/L				0.19%
Tl 190.800	742.7	0.506272	0.0058656	mg/L				1.16%

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

ID: CCB Seq. No.: 28 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 3:47:37 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-339.6	-0.0023445	0.00001906	mg/L				0.81%
Al 308.215	5585.1	-0.0346836	0.00523760	mg/L				15.10%
Ba 233.527	1.2	0.0000242	0.00007584	mg/L				313.75%
Ca 315.887	-16367.1	-0.432789	0.0067558	mg/L				1.56%
Cd 226.502	-156.3	-0.0015314	0.00008241	mg/L				5.38%
Co 228.616	-88.8	-0.0029763	0.00003136	mg/L				1.05%
Cu 324.754	8205.3	0.0018804	0.00032592	mg/L				17.33%
Fe 273.955	731.2	-0.0166865	0.00725808	mg/L				43.50%
Mg 279.079	527.2	0.0419071	0.00316256	mg/L				7.55%
Mn 257.610	617.3	0.0012284	0.00012070	mg/L				9.83%
Se 196.026	53.0	-0.0006027	0.00070926	mg/L				117.69%
V 292.402	-148.1	-0.0009216	0.00004686	mg/L				5.08%
Zn 206.200	247.7	-0.0032343	0.00021365	mg/L				6.61%
Na 330.237	977.4	1.22630	0.120943	mg/L				9.86%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-153.9	-0.0003054	0.00028577	mg/L				93.58%
Mo 202.030	-94.4	-0.0057557	0.00037321	mg/L				6.48%
Sn 189.933	-4.4	-0.0011537	0.00036162	mg/L				31.35%
Be 234.861	-327.4	-0.0006504	0.00002830	mg/L				4.35%
As 188.979	-34.3	-0.0044071	0.00138567	mg/L				31.44%
Sb 206.833	64.0	-0.0039669	0.00008770	mg/L				2.21%
Cr 206.158	148.9	-0.0024569	0.00002411	mg/L				0.98%
Pb 220.353	15.8	-0.0032611	0.00054803	mg/L				16.81%
Ni 231.604	-5.8	-0.0034625	0.00049224	mg/L				14.22%
Tl 190.800	-58.3	0.0003540	0.00027408	mg/L				77.43%

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

ID: 18893-007 Seq. No.: 29 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: 8/9/05 3:50:29 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-3249.4	-0.0033498	0.00005603	mg/L	-0.0033498	0.00005603	mg/L	1.67%
Al 308.215	994744.2	59.8705	0.64708	mg/L	59.8705	0.64708	mg/L	1.08%
Ba 233.527	53629.7	1.07219	0.012497	mg/L	1.07219	0.012497	mg/L	1.17%
Ca 315.887	589644.0	15.5917	0.20217	mg/L	15.5917	0.20217	mg/L	1.30%
Cd 226.502	896.8	-0.0005335	0.00002483	mg/L	-0.0005335	0.00002483	mg/L	4.65%
Co 228.616	1359.9	0.0455681	0.00028622	mg/L	0.0455681	0.00028622	mg/L	0.63%
Cu 324.754	122005.7	0.860887	0.0095393	mg/L	0.860887	0.0095393	mg/L	1.11%
Fe 273.955	1714170.3	116.465	1.4334	mg/L	116.465	1.4334	mg/L	1.23%
Mg 279.079	334376.4	26.5778	0.35073	mg/L	26.5778	0.35073	mg/L	1.32%
Mn 257.610	521353.5	1.03746	0.013082	mg/L	1.03746	0.013082	mg/L	1.26%
Se 196.026	-75.3	0.0128706	0.00003677	mg/L	0.0128706	0.00003677	mg/L	0.29%
V 292.402	28315.3	0.193703	0.0021938	mg/L	0.193703	0.0021938	mg/L	1.13%
Zn 206.200	29207.8	0.660326	0.0127669	mg/L	0.660326	0.0127669	mg/L	1.93%
Na 330.237	593.0	3.50810	0.020934	mg/L	3.50810	0.020934	mg/L	0.60%
Ti 334.941	1807060.8	3.58557	0.040680	mg/L	3.58557	0.040680	mg/L	1.13%
Mo 202.030	-32.1	-0.0019576	0.00007552	mg/L	-0.0019576	0.00007552	mg/L	3.86%
Sn 189.933	436.4	0.0581659	0.00083837	mg/L	0.0581659	0.00083837	mg/L	1.44%
Be 234.861	-4328.5	0.0013631	0.00009183	mg/L	0.0013631	0.00009183	mg/L	6.74%
As 188.979	34.8	0.0385388	0.00075514	mg/L	0.0385388	0.00075514	mg/L	1.96%
Sb 206.833	98.5	0.0061308	0.00179588	mg/L	0.0061308	0.00179588	mg/L	29.29%
Cr 206.158	8827.8	0.358434	0.0069047	mg/L	0.358434	0.0069047	mg/L	1.93%
Pb 220.353	4711.9	1.03028	0.003008	mg/L	1.03028	0.003008	mg/L	0.29%
Ni 231.604	3204.3	0.140128	0.0009244	mg/L	0.140128	0.0009244	mg/L	0.66%
Tl 190.800	-122.8	-0.0089754	0.00489355	mg/L	-0.0089754	0.00489355	mg/L	54.52%

Mean Data

ID: 18893-008 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: 8/9/05 3:53:31 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-934.4	0.0062460	0.00040648	mg/L	0.0062460	0.00040648	mg/L	6.51%
Al 308.215	894525.1	53.8010	1.72380	mg/L	53.8010	1.72380	mg/L	3.20%
Ba 233.527	32635.0	0.652453	0.0097027	mg/L	0.652453	0.0097027	mg/L	1.49%
Ca 315.887	423193.2	11.1903	0.21305	mg/L	11.1903	0.21305	mg/L	1.90%
Cd 226.502	1662.4	0.0041933	0.00013265	mg/L	0.0041933	0.00013265	mg/L	3.16%
Co 228.616	1369.5	0.0458924	0.00038643	mg/L	0.0458924	0.00038643	mg/L	0.84%
Cu 324.754	2826238.0	21.2795	0.71111	mg/L	21.2795	0.71111	mg/L	3.34%
Fe 273.955	2223844.8	151.113	4.0122	mg/L	151.113	4.0122	mg/L	2.66%
Mg 279.079	183865.3	14.6145	0.25054	mg/L	14.6145	0.25054	mg/L	1.71%
Mn 257.610	1807532.3	3.59688	0.103453	mg/L	3.59688	0.103453	mg/L	2.88%
Se 196.026	-129.4	0.0142312	0.00135190	mg/L	0.0142312	0.00135190	mg/L	9.50%
V 292.402	29115.8	0.203890	0.0039573	mg/L	0.203890	0.0039573	mg/L	1.94%
Zn 206.200	243782.9	5.57687	0.081739	mg/L	5.57687	0.081739	mg/L	1.47%
Na 330.237	8225.4	24.9480	0.44942	mg/L	24.9480	0.44942	mg/L	1.80%
Ti 334.941	1202306.2	2.38561	0.076372	mg/L	2.38561	0.076372	mg/L	3.20%
Mo 202.030	-42.8	0.0034353	0.00052421	mg/L	0.0034353	0.00052421	mg/L	15.26%
Sn 189.933	16436.4	1.83659	0.009883	mg/L	1.83659	0.009883	mg/L	0.54%
Be 234.861	-5161.5	0.0026720	0.00015156	mg/L	0.0026720	0.00015156	mg/L	5.67%
As 188.979	104.2	0.0623619	0.00084922	mg/L	0.0623619	0.00084922	mg/L	1.36%
Sb 206.833	472.9	0.115537	0.0004215	mg/L	0.115537	0.0004215	mg/L	0.36%
Cr 206.158	2558.0	0.134273	0.0027937	mg/L	0.134273	0.0027937	mg/L	2.08%
Pb 220.353	57662.4	12.6837	0.18454	mg/L	12.6837	0.18454	mg/L	1.45%
Ni 231.604	4564.8	0.203592	0.0001398	mg/L	0.203592	0.0001398	mg/L	0.07%
Tl 190.800	-110.0	-0.0114216	0.00448726	mg/L	-0.0114216	0.00448726	mg/L	39.29%

Mean Data

ID: 18918-001 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: 8/9/05 3:57:12 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-756.2	-0.0052205	0.00036090	mg/L	-0.0052205	0.00036090	mg/L	6.91%
Al 308.215	629323.5	37.7400	1.07895	mg/L	37.7400	1.07895	mg/L	2.86%

Ba 233.527	6560.3	0.131156	0.0004670	mg/L	0.131156	0.0004670	mg/L	0.36%
Ca 315.887	14137.3	0.373827	0.0323073	mg/L	0.373827	0.0323073	mg/L	8.64%
Cd 226.502	31.4	0.0003074	0.00000424	mg/L	0.0003074	0.00000424	mg/L	1.38%
Co 228.616	98.6	0.0033029	0.00001477	mg/L	0.0033029	0.00001477	mg/L	0.45%
Cu 324.754	16872.3	0.0673026	0.00180166	mg/L	0.0673026	0.00180166	mg/L	2.68%
Fe 273.955	375809.9	25.4816	0.73706	mg/L	25.4816	0.73706	mg/L	2.89%
Mg 279.079	14851.9	1.18050	0.035852	mg/L	1.18050	0.035852	mg/L	3.04%
Mn 257.610	101546.2	0.202071	0.0060293	mg/L	0.202071	0.0060293	mg/L	2.98%
Se 196.026	29.2	0.0030535	0.00039880	mg/L	0.0030535	0.00039880	mg/L	13.06%
V 292.402	8697.9	0.0541268	0.00179420	mg/L	0.0541268	0.00179420	mg/L	3.31%
Zn 206.200	3703.7	0.0759513	0.00056706	mg/L	0.0759513	0.00056706	mg/L	0.75%
Na 330.237	1005.5	1.26159	0.043078	mg/L	1.26159	0.043078	mg/L	3.41%
Ti 334.941	236223.9	0.468715	0.0096696	mg/L	0.468715	0.0096696	mg/L	2.06%
Mo 202.030	-34.7	-0.0021177	0.00027832	mg/L	-0.0021177	0.00027832	mg/L	13.14%
Sn 189.933	220.6	0.0238956	0.00045202	mg/L	0.0238956	0.00045202	mg/L	1.89%
Be 234.861	-1120.3	-0.0022252	0.00006504	mg/L	-0.0022252	0.00006504	mg/L	2.92%
As 188.979	11.7	0.0147334	0.00165905	mg/L	0.0147334	0.00165905	mg/L	11.26%
Sb 206.833	79.7	0.0006313	0.00046064	mg/L	0.0006313	0.00046064	mg/L	72.97%
Cr 206.158	1425.8	0.0506383	0.00052239	mg/L	0.0506383	0.00052239	mg/L	1.03%
Pb 220.353	122.7	0.0202658	0.00148006	mg/L	0.0202658	0.00148006	mg/L	7.30%
Ni 231.604	711.8	0.0332524	0.00004493	mg/L	0.0332524	0.00004493	mg/L	0.14%
Tl 190.800	-76.1	-0.0108966	0.00101408	mg/L	-0.0108966	0.00101408	mg/L	9.31%

Mean Data

ID: 18940-001 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: 8/9/05 4:00:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1409.8	0.0001649	0.00006110	mg/L	0.0001649	0.00006110	mg/L	37.05%
Al 308.215	433902.1	25.9049	0.31984	mg/L	25.9049	0.31984	mg/L	1.23%
Ba 233.527	4878.3	0.0975285	0.00017613	mg/L	0.0975285	0.00017613	mg/L	0.18%
Ca 315.887	496802.7	13.1368	0.23812	mg/L	13.1368	0.23812	mg/L	1.81%
Cd 226.502	762.8	-0.0010294	0.00014946	mg/L	-0.0010294	0.00014946	mg/L	14.52%
Co 228.616	365.1	0.0122327	0.00028093	mg/L	0.0122327	0.00028093	mg/L	2.30%
Cu 324.754	105963.4	0.739794	0.0069116	mg/L	0.739794	0.0069116	mg/L	0.93%
Fe 273.955	1563958.8	106.253	1.5630	mg/L	106.253	1.5630	mg/L	1.47%
Mg 279.079	229710.2	18.2584	0.30371	mg/L	18.2584	0.30371	mg/L	1.66%
Mn 257.610	104408.1	0.207766	0.0030584	mg/L	0.207766	0.0030584	mg/L	1.47%
Se 196.026	28.2	0.0271380	0.00108692	mg/L	0.0271380	0.00108692	mg/L	4.01%
V 292.402	50299.8	0.328979	0.0045260	mg/L	0.328979	0.0045260	mg/L	1.38%
Zn 206.200	7221.1	0.156546	0.0003752	mg/L	0.156546	0.0003752	mg/L	0.24%
Na 330.237	28456.1	35.8988	0.44282	mg/L	35.8988	0.44282	mg/L	1.23%
Ti 334.941	937258.8	1.85971	0.022612	mg/L	1.85971	0.022612	mg/L	1.22%
Mo 202.030	347.6	0.0212043	0.00022803	mg/L	0.0212043	0.00022803	mg/L	1.08%
Sn 189.933	1770.5	0.201814	0.0003272	mg/L	0.201814	0.0003272	mg/L	0.16%
Be 234.861	-4246.2	0.0006533	0.00011820	mg/L	0.0006533	0.00011820	mg/L	18.09%
As 188.979	476.5	0.214830	0.0003462	mg/L	0.214830	0.0003462	mg/L	0.16%
Sb 206.833	242.3	0.0481497	0.00316302	mg/L	0.0481497	0.00316302	mg/L	6.57%
Cr 206.158	3222.3	0.125343	0.0004061	mg/L	0.125343	0.0004061	mg/L	0.32%
Pb 220.353	2570.4	0.558969	0.0013070	mg/L	0.558969	0.0013070	mg/L	0.23%
Ni 231.604	1592.7	0.0594726	0.00011936	mg/L	0.0594726	0.00011936	mg/L	0.20%
Tl 190.800	-100.7	-0.0101088	0.00237798	mg/L	-0.0101088	0.00237798	mg/L	23.52%

Mean Data

ID: 18940-002 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: 8/9/05 4:02:58 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2461.6	-0.0047132	0.00031421	mg/L	-0.0047132	0.00031421	mg/L	6.67%
Al 308.215	1119881.5	67.4490	0.77423	mg/L	67.4490	0.77423	mg/L	1.15%
Ba 233.527	6213.9	0.124231	0.0009165	mg/L	0.124231	0.0009165	mg/L	0.74%
Ca 315.887	191621.1	5.06696	0.083837	mg/L	5.06696	0.083837	mg/L	1.65%
Cd 226.502	1189.2	-0.0012915	0.00007471	mg/L	-0.0012915	0.00007471	mg/L	5.79%
Co 228.616	997.3	0.0334192	0.00033383	mg/L	0.0334192	0.00033383	mg/L	1.00%
Cu 324.754	21703.1	0.110257	0.0005412	mg/L	0.110257	0.0005412	mg/L	0.49%
Fe 273.955	2380125.0	161.737	2.1009	mg/L	161.737	2.1009	mg/L	1.30%
Mg 279.079	369971.0	29.4070	0.42068	mg/L	29.4070	0.42068	mg/L	1.43%
Mn 257.610	368698.3	0.733688	0.0097956	mg/L	0.733688	0.0097956	mg/L	1.34%

Se 196.026	-147.2	0.0144316	0.00105702	mg/L	0.0144316	0.00105702	mg/L	7.32%
V 292.402	37377.8	0.256901	0.0038096	mg/L	0.256901	0.0038096	mg/L	1.48%
Zn 206.200	12154.0	0.269573	0.0027821	mg/L	0.269573	0.0027821	mg/L	1.03%
Na 330.237	27992.6	35.8373	0.40453	mg/L	35.8373	0.40453	mg/L	1.13%
Ti 334.941	1162935.6	2.30750	0.028366	mg/L	2.30750	0.028366	mg/L	1.23%
Mo 202.030	40.0	0.0089089	0.00004541	mg/L	0.0089089	0.00004541	mg/L	0.51%
Sn 189.933	210.1	0.0293166	0.00048460	mg/L	0.0293166	0.00048460	mg/L	1.65%
Be 234.861	-6018.8	0.0018777	0.00012325	mg/L	0.0018777	0.00012325	mg/L	6.56%
As 188.979	38.3	0.0355232	0.00045491	mg/L	0.0355232	0.00045491	mg/L	1.28%
Sb 206.833	93.2	0.0045874	0.00001966	mg/L	0.0045874	0.00001966	mg/L	0.43%
Cr 206.158	4472.1	0.177314	0.0018604	mg/L	0.177314	0.0018604	mg/L	1.05%
Pb 220.353	332.9	0.0665350	0.00298494	mg/L	0.0665350	0.00298494	mg/L	4.49%
Ni 231.604	2719.0	0.107261	0.0007367	mg/L	0.107261	0.0007367	mg/L	0.69%
Tl 190.800	-115.0	-0.0152061	0.00170410	mg/L	-0.0152061	0.00170410	mg/L	11.21%

Mean Data

ID: 18940-003 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: 8/9/05 4:05:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-2192.1	-0.0028730	0.00074433	mg/L	-0.0028730	0.00074433	mg/L	25.91%
Al 308.215	658375.6	39.4994	0.57332	mg/L	39.4994	0.57332	mg/L	1.45%
Ba 233.527	6496.7	0.129885	0.0006203	mg/L	0.129885	0.0006203	mg/L	0.48%
Ca 315.887	340652.3	9.00773	0.136534	mg/L	9.00773	0.136534	mg/L	1.52%
Cd 226.502	1271.2	-0.0005655	0.00010753	mg/L	-0.0005655	0.00010753	mg/L	19.01%
Co 228.616	881.7	0.0295437	0.00006329	mg/L	0.0295437	0.00006329	mg/L	0.21%
Cu 324.754	58465.1	0.387789	0.0052010	mg/L	0.387789	0.0052010	mg/L	1.34%
Fe 273.955	2394300.7	162.701	2.3094	mg/L	162.701	2.3094	mg/L	1.42%
Mg 279.079	289683.6	23.0254	0.34534	mg/L	23.0254	0.34534	mg/L	1.50%
Mn 257.610	182108.7	0.362385	0.0054190	mg/L	0.362385	0.0054190	mg/L	1.50%
Se 196.026	-112.6	0.0205128	0.00112317	mg/L	0.0205128	0.00112317	mg/L	5.48%
V 292.402	32678.6	0.227802	0.0037287	mg/L	0.227802	0.0037287	mg/L	1.64%
Zn 206.200	13093.5	0.291099	0.0013204	mg/L	0.291099	0.0013204	mg/L	0.45%
Na 330.237	30707.1	39.2897	0.62924	mg/L	39.2897	0.62924	mg/L	1.60%
Ti 334.941	1160966.5	2.30359	0.031977	mg/L	2.30359	0.031977	mg/L	1.39%
Mo 202.030	139.7	0.0150323	0.00066057	mg/L	0.0150323	0.00066057	mg/L	4.39%
Sn 189.933	423.3	0.0530458	0.00098451	mg/L	0.0530458	0.00098451	mg/L	1.86%
Be 234.861	-5987.0	0.0020234	0.00004503	mg/L	0.0020234	0.00004503	mg/L	2.23%
As 188.979	274.8	0.134163	0.0034930	mg/L	0.134163	0.0034930	mg/L	2.60%
Sb 206.833	143.4	0.0192334	0.00083981	mg/L	0.0192334	0.00083981	mg/L	4.37%
Cr 206.158	3515.7	0.137544	0.0007398	mg/L	0.137544	0.0007398	mg/L	0.54%
Pb 220.353	2390.1	0.519294	0.0022094	mg/L	0.519294	0.0022094	mg/L	0.43%
Ni 231.604	2568.8	0.0994030	0.00003233	mg/L	0.0994030	0.00003233	mg/L	0.03%
Tl 190.800	-108.2	-0.0109699	0.00257267	mg/L	-0.0109699	0.00257267	mg/L	23.45%

Mean Data

ID: 18940-004 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: 8/9/05 4:08:47 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1074.1	-0.0007411	0.00006272	mg/L	-0.0007411	0.00006272	mg/L	8.46%
Al 308.215	425308.3	25.3845	0.17291	mg/L	25.3845	0.17291	mg/L	0.68%
Ba 233.527	3750.7	0.0749849	0.00021531	mg/L	0.0749849	0.00021531	mg/L	0.29%
Ca 315.887	344676.2	9.11413	0.110446	mg/L	9.11413	0.110446	mg/L	1.21%
Cd 226.502	172.4	-0.0014380	0.00012864	mg/L	-0.0014380	0.00012864	mg/L	8.95%
Co 228.616	339.8	0.0113870	0.00012355	mg/L	0.0113870	0.00012355	mg/L	1.08%
Cu 324.754	46048.5	0.287535	0.0019353	mg/L	0.287535	0.0019353	mg/L	0.67%
Fe 273.955	575805.3	39.0775	0.37622	mg/L	39.0775	0.37622	mg/L	0.96%
Mg 279.079	218391.3	17.3588	0.18622	mg/L	17.3588	0.18622	mg/L	1.07%
Mn 257.610	111807.4	0.222490	0.0023000	mg/L	0.222490	0.0023000	mg/L	1.03%
Se 196.026	59.8	0.0122572	0.00006028	mg/L	0.0122572	0.00006028	mg/L	0.49%
V 292.402	22007.1	0.142821	0.0006984	mg/L	0.142821	0.0006984	mg/L	0.49%
Zn 206.200	6010.8	0.128813	0.0007307	mg/L	0.128813	0.0007307	mg/L	0.57%
Na 330.237	33199.8	42.3318	0.37945	mg/L	42.3318	0.37945	mg/L	0.90%
Ti 334.941	631985.0	1.25398	0.008682	mg/L	1.25398	0.008682	mg/L	0.69%
Mo 202.030	197.7	0.0120610	0.00004719	mg/L	0.0120610	0.00004719	mg/L	0.39%
Sn 189.933	362.9	0.0397461	0.00076664	mg/L	0.0397461	0.00076664	mg/L	1.93%
Be 234.861	-1353.9	0.0006530	0.00001935	mg/L	0.0006530	0.00001935	mg/L	2.96%

As 188.979	68.7	0.0384814	0.00035884	mg/L	0.0384814	0.00035884	mg/L	0.93%
Sb 206.833	111.9	0.0100458	0.00115153	mg/L	0.0100458	0.00115153	mg/L	11.46%
Cr 206.158	2244.2	0.0846722	0.00052615	mg/L	0.0846722	0.00052615	mg/L	0.62%
Pb 220.353	927.6	0.197412	0.0010481	mg/L	0.197412	0.0010481	mg/L	0.53%
Ni 231.604	1222.6	0.0524557	0.00001308	mg/L	0.0524557	0.00001308	mg/L	0.02%
Tl 190.800	-92.8	-0.0104681	0.00548002	mg/L	-0.0104681	0.00548002	mg/L	52.35%

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

ID: CCV V-4510 Seq. No.: 36 Sample No.: 5 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 4:11:40 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	73079.0	0.504507	0.0036884	mg/L				0.73%
Al 308.215	95551.8	5.41385	0.021516	mg/L				0.40%
Ba 233.527	27033.2	0.540460	0.0036258	mg/L				0.67%
Ca 315.887	2020007.4	53.4142	0.33198	mg/L				0.62%
Cd 226.502	54119.7	0.530148	0.0035335	mg/L				0.67%
Co 228.616	15478.8	0.518683	0.0033119	mg/L				0.64%
Cu 324.754	76946.3	0.520763	0.0034650	mg/L				0.67%
Fe 273.955	79611.3	5.34567	0.023418	mg/L				0.44%
Mg 279.079	667851.8	53.0840	0.32796	mg/L				0.62%
Mn 257.610	271003.6	0.539281	0.0033230	mg/L				0.62%
Se 196.026	3157.4	0.518889	0.0001296	mg/L				0.02%
V 292.402	85827.4	0.526912	0.0034391	mg/L				0.65%
Zn 206.200	23623.8	0.532380	0.0038995	mg/L				0.73%
Na 330.237	39810.7	51.3333	0.33371	mg/L				0.65%
Ti 334.941	269482.5	0.534707	0.0030106	mg/L				0.56%
Mo 202.030	8516.9	0.519546	0.0047309	mg/L				0.91%
Sn 189.933	4776.8	0.531307	0.0033513	mg/L				0.63%
Be 234.861	264313.5	0.524979	0.0035691	mg/L				0.68%
As 188.979	1243.5	0.528095	0.0011235	mg/L				0.21%
Sb 206.833	1872.0	0.524387	0.0051471	mg/L				0.98%
Cr 206.158	12796.4	0.523462	0.0034830	mg/L				0.67%
Pb 220.353	2432.1	0.528524	0.0042022	mg/L				0.80%
Ni 231.604	10301.3	0.523942	0.0028129	mg/L				0.54%
Tl 190.800	766.4	0.521191	0.0047198	mg/L				0.91%

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

ID: CCB Seq. No.: 37 Sample No.: 6 A/S Pos: 1
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 4:14:28 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-292.9	-0.0020221	0.00035641	mg/L				17.63%
Al 308.215	5594.0	-0.0341439	0.00654294	mg/L				19.16%
Ba 233.527	-5.1	-0.0001017	0.00001061	mg/L				10.44%
Ca 315.887	-16663.1	-0.440616	0.0020181	mg/L				0.46%
Cd 226.502	-149.4	-0.0014631	0.00008812	mg/L				6.02%
Co 228.616	-86.6	-0.0029014	0.00005534	mg/L				1.91%
Cu 324.754	8499.0	0.0040973	0.00045128	mg/L				11.01%
Fe 273.955	666.2	-0.0211073	0.00444345	mg/L				21.05%
Mg 279.079	539.7	0.0428966	0.00805670	mg/L				18.78%
Mn 257.610	534.8	0.0010642	0.00009703	mg/L				9.12%
Se 196.026	46.1	-0.0017630	0.00043108	mg/L				24.45%
V 292.402	-182.2	-0.0011340	0.00030268	mg/L				26.69%
Zn 206.200	194.1	-0.0044643	0.00023892	mg/L				5.35%
Na 330.237	921.5	1.15624	0.051398	mg/L				4.45%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	32.6	0.0000648	0.00035490	mg/L				548.02%
Mo 202.030	-96.6	-0.0058906	0.00009810	mg/L				1.67%
Sn 189.933	-9.4	-0.0017171	0.00010622	mg/L				6.19%
Be 234.861	-334.3	-0.0006640	0.00003799	mg/L				5.72%
As 188.979	-34.8	-0.0046137	0.00100326	mg/L				21.75%
Sb 206.833	68.6	-0.0026207	0.00007295	mg/L				2.78%
Cr 206.158	146.3	-0.0025655	0.00015177	mg/L				5.92%
Pb 220.353	12.6	-0.0039698	0.00109486	mg/L				27.58%
Ni 231.604	-4.5	-0.0033967	0.00015131	mg/L				4.45%
Tl 190.800	-61.0	-0.0013147	0.00244050	mg/L				185.64%

Mean Data

ID: 18940-005 Seq. No.: 38 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: 8/9/05 4:17:12 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-325.3	-0.0022460	0.00007797	mg/L	-0.0022460	0.00007797	mg/L	3.47%
Al 308.215	5823.5	-0.0202453	0.00421612	mg/L	-0.0202453	0.00421612	mg/L	20.83%
Ba 233.527	39.1	0.0007823	0.00002982	mg/L	0.0007823	0.00002982	mg/L	3.81%
Ca 315.887	-6140.7	-0.162377	0.0330492	mg/L	-0.162377	0.0330492	mg/L	20.35%
Cd 226.502	-176.6	-0.0017296	0.00009001	mg/L	-0.0017296	0.00009001	mg/L	5.20%
Co 228.616	-87.1	-0.0029200	0.00013196	mg/L	-0.0029200	0.00013196	mg/L	4.52%
Cu 324.754	12924.4	0.0375024	0.00007746	mg/L	0.0375024	0.00007746	mg/L	0.21%
Fe 273.955	6937.3	0.405214	0.0065310	mg/L	0.405214	0.0065310	mg/L	1.61%
Mg 279.079	1024.8	0.0814558	0.00682838	mg/L	0.0814558	0.00682838	mg/L	8.38%
Mn 257.610	2305.0	0.0045869	0.00008142	mg/L	0.0045869	0.00008142	mg/L	1.78%
Se 196.026	62.5	0.0009878	0.00041494	mg/L	0.0009878	0.00041494	mg/L	42.01%
V 292.402	-210.7	-0.0013109	0.00008745	mg/L	-0.0013109	0.00008745	mg/L	6.67%
Zn 206.200	865.9	0.0109293	0.00029074	mg/L	0.0109293	0.00029074	mg/L	2.66%
Na 330.237	1337.0	1.67747	0.010746	mg/L	1.67747	0.010746	mg/L	0.64%
Ti 334.941	400.0	0.0007937	0.00002353	mg/L	0.0007937	0.00002353	mg/L	2.96%
Mo 202.030	-95.5	-0.0058267	0.00000415	mg/L	-0.0058267	0.00000415	mg/L	0.07%
Sn 189.933	216.1	0.0234017	0.00003660	mg/L	0.0234017	0.00003660	mg/L	0.16%
Be 234.861	-427.6	-0.0008492	0.00000157	mg/L	-0.0008492	0.00000157	mg/L	0.18%
As 188.979	-36.3	-0.0052721	0.00035577	mg/L	-0.0052721	0.00035577	mg/L	6.75%
Sb 206.833	75.9	-0.0004814	0.00000841	mg/L	-0.0004814	0.00000841	mg/L	1.75%
Cr 206.158	632.0	0.0176315	0.00054038	mg/L	0.0176315	0.00054038	mg/L	3.06%
Pb 220.353	22.2	-0.0018422	0.00177154	mg/L	-0.0018422	0.00177154	mg/L	96.17%
Ni 231.604	366.7	0.0155958	0.00039651	mg/L	0.0155958	0.00039651	mg/L	2.54%
Tl 190.800	-68.1	-0.0058144	0.00184923	mg/L	-0.0058144	0.00184923	mg/L	31.80%

Mean Data

ID: 18940-006 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: 8/9/05 4:20:04 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1263.6	-0.0031648	0.00006151	mg/L	-0.0031648	0.00006151	mg/L	1.94%
Al 308.215	521958.9	31.2378	0.21356	mg/L	31.2378	0.21356	mg/L	0.68%
Ba 233.527	3273.2	0.0654392	0.00049854	mg/L	0.0654392	0.00049854	mg/L	0.76%
Ca 315.887	280153.8	7.40799	0.109663	mg/L	7.40799	0.109663	mg/L	1.48%
Cd 226.502	299.6	-0.0015027	0.00000808	mg/L	-0.0015027	0.00000808	mg/L	0.54%
Co 228.616	523.2	0.0175311	0.00023284	mg/L	0.0175311	0.00023284	mg/L	1.33%
Cu 324.754	15339.4	0.0557316	0.00022855	mg/L	0.0557316	0.00022855	mg/L	0.41%
Fe 273.955	816713.7	55.4548	0.58660	mg/L	55.4548	0.58660	mg/L	1.06%
Mg 279.079	200343.1	15.9242	0.19993	mg/L	15.9242	0.19993	mg/L	1.26%
Mn 257.610	128401.9	0.255512	0.0029371	mg/L	0.255512	0.0029371	mg/L	1.15%
Se 196.026	10.8	0.0089814	0.00233054	mg/L	0.0089814	0.00233054	mg/L	25.95%
V 292.402	14656.1	0.0995364	0.00058805	mg/L	0.0995364	0.00058805	mg/L	0.59%
Zn 206.200	5785.8	0.123659	0.0007334	mg/L	0.123659	0.0007334	mg/L	0.59%
Na 330.237	27053.1	34.5067	0.25196	mg/L	34.5067	0.25196	mg/L	0.73%
Ti 334.941	526378.2	1.04444	0.009022	mg/L	1.04444	0.009022	mg/L	0.86%
Mo 202.030	139.9	0.0085352	0.00008581	mg/L	0.0085352	0.00008581	mg/L	1.01%
Sn 189.933	192.2	0.0207353	0.00209488	mg/L	0.0207353	0.00209488	mg/L	10.10%
Be 234.861	-1634.3	0.0014965	0.00002795	mg/L	0.0014965	0.00002795	mg/L	1.87%
As 188.979	6.0	0.0123627	0.00142284	mg/L	0.0123627	0.00142284	mg/L	11.51%
Sb 206.833	81.1	0.0010354	0.00056152	mg/L	0.0010354	0.00056152	mg/L	54.23%
Cr 206.158	1949.7	0.0724257	0.00049706	mg/L	0.0724257	0.00049706	mg/L	0.69%
Pb 220.353	153.0	0.0269363	0.00169639	mg/L	0.0269363	0.00169639	mg/L	6.30%
Ni 231.604	1444.7	0.0609173	0.00027690	mg/L	0.0609173	0.00027690	mg/L	0.45%
Tl 190.800	-88.4	-0.0095140	0.00032695	mg/L	-0.0095140	0.00032695	mg/L	3.44%

Mean Data

ID: 18940-007 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: 8/9/05 4:22:55 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-1208.0	-0.0012616	0.00021563	mg/L	-0.0012616	0.00021563	mg/L	17.09%

Al 308.215	509278.8	30.4699	0.80910	mg/L	30.4699	0.80910 mg/L	2.66%
Ba 233.527	5313.5	0.106231	0.0001690	mg/L	0.106231	0.0001690 mg/L	0.16%
Ca 315.887	377856.6	9.99151	0.289931	mg/L	9.99151	0.289931 mg/L	2.90%
Cd 226.502	177.0	0.0017336	0.00006642	mg/L	0.0017336	0.00006642 mg/L	3.83%
Co 228.616	343.2	0.0115012	0.00019710	mg/L	0.0115012	0.00019710 mg/L	1.71%
Cu 324.754	48591.7	0.306732	0.0079184	mg/L	0.306732	0.0079184 mg/L	2.58%
Fe 273.955	509689.2	34.5829	0.90448	mg/L	34.5829	0.90448 mg/L	2.62%
Mg 279.079	219249.1	17.4269	0.48926	mg/L	17.4269	0.48926 mg/L	2.81%
Mn 257.610	105347.5	0.209635	0.0055782	mg/L	0.209635	0.0055782 mg/L	2.66%
Se 196.026	63.2	0.0114868	0.00139109	mg/L	0.0114868	0.00139109 mg/L	12.11%
V 292.402	19303.3	0.125320	0.0005737	mg/L	0.125320	0.0005737 mg/L	0.46%
Zn 206.200	6782.4	0.146495	0.0005330	mg/L	0.146495	0.0005330 mg/L	0.36%
Na 330.237	24644.5	31.6385	0.88557	mg/L	31.6385	0.88557 mg/L	2.80%
Ti 334.941	670241.1	1.32989	0.036700	mg/L	1.32989	0.036700 mg/L	2.76%
Mo 202.030	229.0	0.0139664	0.00001285	mg/L	0.0139664	0.00001285 mg/L	0.09%
Sn 189.933	273.1	0.0297504	0.00089550	mg/L	0.0297504	0.00089550 mg/L	3.01%
Be 234.861	-877.0	-0.0002356	0.00208118	mg/L	-0.0002356	0.00208118 mg/L	883.19%
As 188.979	201.5	0.0938555	0.00046015	mg/L	0.0938555	0.00046015 mg/L	0.49%
Sb 206.833	114.2	0.0107107	0.00084968	mg/L	0.0107107	0.00084968 mg/L	7.93%
Cr 206.158	2264.5	0.0855131	0.00014035	mg/L	0.0855131	0.00014035 mg/L	0.16%
Pb 220.353	1090.9	0.233345	0.0016044	mg/L	0.233345	0.0016044 mg/L	0.69%
Ni 231.604	1258.6	0.0550979	0.00000550	mg/L	0.0550979	0.00000550 mg/L	0.01%
Tl 190.800	-94.3	-0.0106907	0.00019066	mg/L	-0.0106907	0.00019066 mg/L	1.78%

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: 8/9/05 4:25:43 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-312.0	-0.0021540	0.00011517	mg/L	-0.0021540	0.00011517	mg/L	5.35%
Al 308.215	6189.2	0.0019048	0.00754759	mg/L	0.0019048	0.00754759	mg/L	396.25%
Ba 233.527	13.6	0.0002728	0.00003066	mg/L	0.0002728	0.00003066	mg/L	11.24%
Ca 315.887	-10124.3	-0.267712	0.0204552	mg/L	-0.267712	0.0204552	mg/L	7.64%
Cd 226.502	-180.1	-0.0017640	0.00002204	mg/L	-0.0017640	0.00002204	mg/L	1.25%
Co 228.616	-88.6	-0.0029695	0.00026192	mg/L	-0.0029695	0.00026192	mg/L	8.82%
Cu 324.754	10925.9	0.0224171	0.00007654	mg/L	0.0224171	0.00007654	mg/L	0.34%
Fe 273.955	3010.0	0.138227	0.0002744	mg/L	0.138227	0.0002744	mg/L	0.20%
Mg 279.079	904.5	0.0718972	0.00207957	mg/L	0.0718972	0.00207957	mg/L	2.89%
Mn 257.610	1761.0	0.0035042	0.00003009	mg/L	0.0035042	0.00003009	mg/L	0.86%
Se 196.026	56.7	0.0000090	0.00095735	mg/L	0.0000090	0.00095735	mg/L	>999.9%
V 292.402	-192.2	-0.0011963	0.00010288	mg/L	-0.0011963	0.00010288	mg/L	8.60%
Zn 206.200	697.2	0.0070638	0.00008788	mg/L	0.0070638	0.00008788	mg/L	1.24%
Na 330.237	1246.9	1.56443	0.001870	mg/L	1.56443	0.001870	mg/L	0.12%
Ti 334.941	171.9	0.0003410	0.00018638	mg/L	0.0003410	0.00018638	mg/L	54.66%
Mo 202.030	-99.5	-0.0060717	0.00012488	mg/L	-0.0060717	0.00012488	mg/L	2.06%
Sn 189.933	188.3	0.0202967	0.00062261	mg/L	0.0202967	0.00062261	mg/L	3.07%
Be 234.861	-429.3	-0.0008527	0.00000190	mg/L	-0.0008527	0.00000190	mg/L	0.22%
As 188.979	-38.4	-0.0061131	0.00198145	mg/L	-0.0061131	0.00198145	mg/L	32.41%
Sb 206.833	78.0	0.0001337	0.00074002	mg/L	0.0001337	0.00074002	mg/L	553.39%
Cr 206.158	206.9	-0.0000464	0.00021103	mg/L	-0.0000464	0.00021103	mg/L	455.23%
Pb 220.353	16.5	-0.0030943	0.00028933	mg/L	-0.0030943	0.00028933	mg/L	9.35%
Ni 231.604	141.6	0.0040782	0.00069423	mg/L	0.0040782	0.00069423	mg/L	17.02%
Tl 190.800	-70.6	-0.0074002	0.00046176	mg/L	-0.0074002	0.00046176	mg/L	6.24%

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: 8/9/05 4:28:36 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	74381.8	0.513500	0.0109325	mg/L	0.513500	0.0109325	mg/L	2.13%
Al 308.215	87189.1	4.90739	0.097374	mg/L	4.90739	0.097374	mg/L	1.98%
Ba 233.527	25884.2	0.517487	0.0108010	mg/L	0.517487	0.0108010	mg/L	2.09%
Ca 315.887	1924871.8	50.8986	1.18666	mg/L	50.8986	1.18666	mg/L	2.33%
Cd 226.502	51922.3	0.508623	0.0118115	mg/L	0.508623	0.0118115	mg/L	2.32%
Co 228.616	15029.0	0.503610	0.0054769	mg/L	0.503610	0.0054769	mg/L	1.09%
Cu 324.754	75490.4	0.509774	0.0112974	mg/L	0.509774	0.0112974	mg/L	2.22%
Fe 273.955	76297.7	5.12041	0.120773	mg/L	5.12041	0.120773	mg/L	2.36%
Mg 279.079	634207.2	50.4098	1.17366	mg/L	50.4098	1.17366	mg/L	2.33%

Mn 257.610	261021.9	0.519418	0.0118489	mg/L	0.519418	0.0118489 mg/L	2.28%
Se 196.026	2921.2	0.479365	0.0026388	mg/L	0.479365	0.0026388 mg/L	0.55%
V 292.402	82489.1	0.506500	0.0102472	mg/L	0.506500	0.0102472 mg/L	2.02%
Zn 206.200	23146.5	0.521443	0.0058219	mg/L	0.521443	0.0058219 mg/L	1.12%
Na 330.237	37487.6	48.3901	1.03457	mg/L	48.3901	1.03457 mg/L	2.14%
Ti 334.941	255458.0	0.506879	0.0100550	mg/L	0.506879	0.0100550 mg/L	1.98%
Mo 202.030	8306.2	0.506695	0.0059566	mg/L	0.506695	0.0059566 mg/L	1.18%
Sn 189.933	4710.7	0.523939	0.0076799	mg/L	0.523939	0.0076799 mg/L	1.47%
Be 234.861	250042.0	0.496633	0.0114657	mg/L	0.496633	0.0114657 mg/L	2.31%
As 188.979	1184.2	0.503364	0.0050748	mg/L	0.503364	0.0050748 mg/L	1.01%
Sb 206.833	1806.0	0.505088	0.0051126	mg/L	0.505088	0.0051126 mg/L	1.01%
Cr 206.158	12550.8	0.513250	0.0062987	mg/L	0.513250	0.0062987 mg/L	1.23%
Pb 220.353	2363.2	0.513371	0.0059380	mg/L	0.513371	0.0059380 mg/L	1.16%
Ni 231.604	10133.1	0.515333	0.0070724	mg/L	0.515333	0.0070724 mg/L	1.37%
Tl 190.800	727.1	0.496385	0.0053805	mg/L	0.496385	0.0053805 mg/L	1.08%

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

ID: ICSA V-4505 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: 8/9/05 4:32:38 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-199.7	-0.0013783	0.00023751	mg/L				17.23%
Al 308.215	7748298.2	468.766	5.0506	mg/L				1.08%
Ba 233.527	-69.9	-0.0013979	0.00008527	mg/L				6.10%
Ca 315.887	17214098.2	455.186	5.1487	mg/L				1.13%
Cd 226.502	1467.3	-0.0000589	0.00006518	mg/L				110.67%
Co 228.616	74.8	0.0025074	0.00012508	mg/L				4.99%
Cu 324.754	7681.2	0.0051627	0.00048767	mg/L				9.45%
Fe 273.955	2654374.2	180.381	0.0934	mg/L				0.05%
Mg 279.079	6411166.8	509.590	5.8266	mg/L				1.14%
Mn 257.610	-2698.4	-0.0053696	0.00010692	mg/L				1.99%
Se 196.026	-253.0	-0.0049660	0.00082733	mg/L				16.66%
V 292.402	7785.6	0.0065106	0.00056173	mg/L				8.63%
Zn 206.200	164.8	-0.0051356	0.00011470	mg/L				2.23%
Na 330.237	688.7	-5.32097	0.102309	mg/L				1.92%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1757.9	-0.0034881	0.00011577	mg/L				3.32%
Mo 202.030	-184.5	-0.0040352	0.00001514	mg/L				0.38%
Sn 189.933	-25.5	-0.0035085	0.00095470	mg/L				27.21%
Be 234.861	-7425.9	0.0006776	0.00019366	mg/L				28.58%
As 188.979	-54.9	-0.0021921	0.00226034	mg/L				103.11%
Sb 206.833	115.0	-0.0026181	0.00112748	mg/L				43.06%
Cr 206.158	836.4	0.0026703	0.00112444	mg/L				42.11%
Pb 220.353	-183.0	-0.0046134	0.00064990	mg/L				14.09%
Ni 231.604	1034.9	0.0057990	0.00024329	mg/L				4.20%
Tl 190.800	-57.8	0.0006968	0.00100053	mg/L				143.59%

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

ID: ICSAB V-4506 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: 8/9/05 4:35:57 PM

Element	Mean Corr. Intensity	Mean Conc.	Calib Std.Dev.	Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	152143.6	1.05034	0.000196	mg/L				0.02%
Al 308.215	7845034.3	474.623	6.4190	mg/L				1.35%
Ba 233.527	23750.3	0.474827	0.0010859	mg/L				0.23%
Ca 315.887	17476651.9	462.128	5.7676	mg/L				1.25%
Cd 226.502	98646.8	0.951637	0.0028005	mg/L				0.29%
Co 228.616	14206.4	0.476045	0.0005564	mg/L				0.12%
Cu 324.754	77005.9	0.528581	0.0001763	mg/L				0.03%
Fe 273.955	2701962.5	183.616	0.5928	mg/L				0.32%
Mg 279.079	6513794.5	517.747	7.1216	mg/L				1.38%
Mn 257.610	248161.5	0.493827	0.0010130	mg/L				0.21%
Se 196.026	5437.7	0.948215	0.0105416	mg/L				1.11%
V 292.402	84311.8	0.482115	0.0010901	mg/L				0.23%
Zn 206.200	39940.3	0.906239	0.0023002	mg/L				0.25%
Na 330.237	2246.8	-1.10603	0.079007	mg/L				7.14%
*QC exceeds lower limit for Na 330.237 Action = Continue								
Ti 334.941	-1612.7	-0.0031999	0.00043398	mg/L				13.56%

Mo 202.030	-196.4	-0.0046322	0.00067977	mg/L	14.67%
Sn 189.933	-28.1	-0.0037950	0.00130711	mg/L	34.44%
Be 234.861	247567.2	0.507421	0.0016679	mg/L	0.33%
As 188.979	2483.1	1.05565	0.013930	mg/L	1.32%
Sb 206.833	3661.3	1.03353	0.001653	mg/L	0.16%
Cr 206.158	12463.1	0.491790	0.0017298	mg/L	0.35%
Pb 220.353	4321.6	0.987321	0.0006074	mg/L	0.06%
Ni 231.604	19913.0	0.971051	0.0004213	mg/L	0.04%
Tl 190.800	1521.7	0.998221	0.0054965	mg/L	0.55%

Mean Data

ID: CCV V-4510 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: 8/9/05 4:38:54 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	71501.2	0.493614	0.0082801	mg/L				1.68%
Al 308.215	93939.8	5.31623	0.048343	mg/L				0.91%
Ba 233.527	26120.7	0.522217	0.0086299	mg/L				1.65%
Ca 315.887	1954695.0	51.6872	0.80442	mg/L				1.56%
Cd 226.502	52755.8	0.516788	0.0080236	mg/L				1.55%
Co 228.616	15261.7	0.511409	0.0013558	mg/L				0.27%
Cu 324.754	76627.3	0.518355	0.0083135	mg/L				1.60%
Fe 273.955	78205.8	5.25013	0.055524	mg/L				1.06%
Mg 279.079	647649.8	51.4782	0.81968	mg/L				1.59%
Mn 257.610	266925.8	0.531166	0.0084383	mg/L				1.59%
Se 196.026	3090.9	0.507771	0.0005100	mg/L				0.10%
V 292.402	84187.2	0.516923	0.0085147	mg/L				1.65%
Zn 206.200	23178.5	0.522176	0.0010429	mg/L				0.20%
Na 330.237	38652.0	49.8530	0.99556	mg/L				2.00%
Ti 334.941	262033.2	0.519926	0.0084559	mg/L				1.63%
Mo 202.030	8390.9	0.511861	0.0000236	mg/L				0.00%
Sn 189.933	4685.6	0.521143	0.0007609	mg/L				0.15%
Be 234.861	259728.8	0.515873	0.0087913	mg/L				1.70%
As 188.979	1259.1	0.534583	0.0016860	mg/L				0.32%
Sb 206.833	1878.7	0.526334	0.0028940	mg/L				0.55%
Cr 206.158	12815.2	0.524245	0.0012346	mg/L				0.24%
Pb 220.353	2395.5	0.520484	0.0006296	mg/L				0.12%
Ni 231.604	10374.9	0.527706	0.0021797	mg/L				0.41%
Tl 190.800	761.6	0.518180	0.0025754	mg/L				0.50%

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: 8/9/05 4:41:42 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Std.Dev.	Sample Units	RSD
Ag 328.068	-275.7	-0.0019032	0.00019311	mg/L				10.15%
Al 308.215	5604.8	-0.0334900	0.00705360	mg/L				21.06%
Ba 233.527	-3.5	-0.0000690	0.00015713	mg/L				227.69%
Ca 315.887	-15890.3	-0.420180	0.0071166	mg/L				1.69%
Cd 226.502	-163.5	-0.0016016	0.00008200	mg/L				5.12%
Co 228.616	-84.6	-0.0028365	0.00006997	mg/L				2.47%
Cu 324.754	8372.0	0.0031387	0.00043410	mg/L				13.83%
Fe 273.955	681.4	-0.0200716	0.00204430	mg/L				10.19%
Mg 279.079	623.4	0.0495523	0.00544970	mg/L				11.00%
Mn 257.610	483.7	0.0009625	0.00007914	mg/L				8.22%
Se 196.026	51.9	-0.0007936	0.00066316	mg/L				83.57%
V 292.402	-152.7	-0.0009504	0.00035988	mg/L				37.87%
Zn 206.200	209.4	-0.0041135	0.00013023	mg/L				3.17%
Na 330.237	908.1	1.13933	0.054410	mg/L				4.78%
*QC exceeds upper limit for Na 330.237 Action = Continue								
Ti 334.941	-173.2	-0.0003437	0.00010614	mg/L				30.88%
Mo 202.030	-97.3	-0.0059352	0.00004145	mg/L				0.70%
Sn 189.933	-8.4	-0.0016086	0.00026486	mg/L				16.47%
Be 234.861	-328.9	-0.0006533	0.00001833	mg/L				2.81%
As 188.979	-35.5	-0.0049052	0.00038213	mg/L				7.79%
Sb 206.833	70.5	-0.0020561	0.00112204	mg/L				54.57%
Cr 206.158	146.7	-0.0025502	0.00009668	mg/L				3.79%
Pb 220.353	6.0	-0.0054197	0.00032609	mg/L				6.02%

Ni 231.604	-7.6	-0.0035575	0.00029881	mg/L		8.40%
Tl 190.800	-59.7	-0.0004981	0.00029669	mg/L		59.56%

Mean Data

ID: MB 6251 (100) Seq. No.: 47 Sample No.: 28 A/S Pos: 36
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 4:44:27 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	-329.6	-0.0022752	0.00028176	mg/L	-0.0022752	0.00028176	mg/L	12.38%
Al 308.215	5967.3	-0.0115339	0.02949182	mg/L	-0.0115339	0.02949182	mg/L	255.70%
Ba 233.527	15.3	0.0003055	0.00012368	mg/L	0.0003055	0.00012368	mg/L	40.49%
Ca 315.887	-11470.6	-0.303312	0.0351188	mg/L	-0.303312	0.0351188	mg/L	11.58%
Cd 226.502	-185.8	-0.0018203	0.00003982	mg/L	-0.0018203	0.00003982	mg/L	2.19%
Co 228.616	-90.5	-0.0030328	0.00006681	mg/L	-0.0030328	0.00006681	mg/L	2.20%
Cu 324.754	9254.1	0.0097973	0.00017714	mg/L	0.0097973	0.00017714	mg/L	1.81%
Fe 273.955	2579.8	0.108982	0.0026122	mg/L	0.108982	0.0026122	mg/L	2.40%
Mg 279.079	647.0	0.0514276	0.00189929	mg/L	0.0514276	0.00189929	mg/L	3.69%
Mn 257.610	1656.6	0.0032965	0.00001097	mg/L	0.0032965	0.00001097	mg/L	0.33%
Se 196.026	55.0	-0.0002770	0.00026187	mg/L	-0.0002770	0.00026187	mg/L	94.55%
V 292.402	-155.6	-0.0009684	0.00020450	mg/L	-0.0009684	0.00020450	mg/L	21.12%
Zn 206.200	266.4	-0.0028064	0.00004610	mg/L	-0.0028064	0.00004610	mg/L	1.64%
Na 330.237	1127.6	1.41484	0.020732	mg/L	1.41484	0.020732	mg/L	1.47%
Ti 334.941	52.0	0.0001032	0.00035143	mg/L	0.0001032	0.00035143	mg/L	340.45%
Mo 202.030	-104.2	-0.0063538	0.00018339	mg/L	-0.0063538	0.00018339	mg/L	2.89%
Sn 189.933	162.8	0.0174575	0.00068098	mg/L	0.0174575	0.00068098	mg/L	3.90%
Be 234.861	-410.4	-0.0008151	0.00003861	mg/L	-0.0008151	0.00003861	mg/L	4.74%
As 188.979	-29.4	-0.0023887	0.00166703	mg/L	-0.0023887	0.00166703	mg/L	69.79%
Sb 206.833	69.8	-0.0022592	0.00267649	mg/L	-0.0022592	0.00267649	mg/L	118.47%
Cr 206.158	370.6	0.0067599	0.00035277	mg/L	0.0067599	0.00035277	mg/L	5.22%
Pb 220.353	12.6	-0.0039623	0.00076724	mg/L	-0.0039623	0.00076724	mg/L	19.36%
Ni 231.604	160.2	0.0050297	0.00029671	mg/L	0.0050297	0.00029671	mg/L	5.90%
Tl 190.800	-60.7	-0.0011756	0.00181718	mg/L	-0.0011756	0.00181718	mg/L	154.58%

Mean Data

ID: LCS 100 Seq. No.: 48 Sample No.: 29 A/S Pos: 37
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 4:47:20 PM

Element	Mean Corr. Intensity	Mean Conc.	Std.Dev.	Calib Units	Mean Conc.	Sample Std.Dev.	Units	RSD
Ag 328.068	67389.7	0.465231	0.0128349	mg/L	0.465231	0.0128349	mg/L	2.76%
Al 308.215	84310.7	4.73307	0.123331	mg/L	4.73307	0.123331	mg/L	2.61%
Ba 233.527	25303.9	0.505887	0.0038241	mg/L	0.505887	0.0038241	mg/L	0.76%
Ca 315.887	1851157.5	48.9494	1.23545	mg/L	48.9494	1.23545	mg/L	2.52%
Cd 226.502	50497.4	0.494665	0.0120975	mg/L	0.494665	0.0120975	mg/L	2.45%
Co 228.616	14786.8	0.495495	0.0024854	mg/L	0.495495	0.0024854	mg/L	0.50%
Cu 324.754	73136.1	0.492002	0.0136486	mg/L	0.492002	0.0136486	mg/L	2.77%
Fe 273.955	74597.7	5.00485	0.117553	mg/L	5.00485	0.117553	mg/L	2.35%
Mg 279.079	612128.4	48.6548	1.26172	mg/L	48.6548	1.26172	mg/L	2.59%
Mn 257.610	255130.1	0.507694	0.0124623	mg/L	0.507694	0.0124623	mg/L	2.45%
Se 196.026	2819.7	0.462385	0.0052786	mg/L	0.462385	0.0052786	mg/L	1.14%
V 292.402	80703.4	0.495626	0.0121195	mg/L	0.495626	0.0121195	mg/L	2.45%
Zn 206.200	22318.0	0.502461	0.0043266	mg/L	0.502461	0.0043266	mg/L	0.86%
Na 330.237	35941.7	46.4013	1.45012	mg/L	46.4013	1.45012	mg/L	3.13%
Ti 334.941	244042.0	0.484228	0.0113346	mg/L	0.484228	0.0113346	mg/L	2.34%
Mo 202.030	8143.9	0.496794	0.0032976	mg/L	0.496794	0.0032976	mg/L	0.66%
Sn 189.933	4680.2	0.520546	0.0055747	mg/L	0.520546	0.0055747	mg/L	1.07%
Be 234.861	241842.9	0.480348	0.0122087	mg/L	0.480348	0.0122087	mg/L	2.54%
As 188.979	1186.0	0.504117	0.0016018	mg/L	0.504117	0.0016018	mg/L	0.32%
Sb 206.833	1767.0	0.493716	0.0054818	mg/L	0.493716	0.0054818	mg/L	1.11%
Cr 206.158	12502.7	0.511250	0.0036507	mg/L	0.511250	0.0036507	mg/L	0.71%
Pb 220.353	2306.7	0.500921	0.0023949	mg/L	0.500921	0.0023949	mg/L	0.48%
Ni 231.604	10141.4	0.515759	0.0036797	mg/L	0.515759	0.0036797	mg/L	0.71%
Tl 190.800	714.3	0.488340	0.0040474	mg/L	0.488340	0.0040474	mg/L	0.83%

Mean Data

ID: LCS 100 MR Seq. No.: 49 Sample No.: 30 A/S Pos: 38
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 8/9/05 4:51:02 PM

1st Run/Analysis 8/9/05

Shrimad Rd 8/9/05

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

Date: 08/09/2005
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: H6244S.SIF Results Data Set Name: H6244S

Element: Hg Seq. No.: 52 AS Loc.: 1 Date: 08/09/2005
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0005	0.0004	0.0005	12:11:56	No
2			0.0006	0.0017	0.0006	12:12:31	No
Mean:			0.0006				
SD :			0.0001				
%RSD:			10.1143				

Auto-zero performed.

Element: Hg Seq. No.: 53 AS Loc.: 2 Date: 08/09/2005
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0038	0.0140	0.0044	12:13:32	No
2			0.0039	0.0148	0.0045	12:14:07	No
Mean:			0.0039				
SD :			0.0001				
%RSD:			1.9436				

[Hg] Standard number 1 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.00774
Intercept : 0.00000

Element: Hg Seq. No.: 54 AS Loc.: 3 Date: 08/09/2005
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0077	0.0264	0.0083	12:15:08	No
2			0.0078	0.0259	0.0083	12:15:43	No
Mean:			0.0078				
SD :			0.0000				
%RSD:			0.3645				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 1.00000 Slope: 0.00776
Intercept : 0.00000

Element: Hg Seq. No.: 55 AS Loc.: 4 Date: 08/09/2005
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0145	0.0491	0.0151	12:16:44	No
2			0.0145	0.0483	0.0150	12:17:19	No
Mean:			0.0145				
SD :			0.0000				
%RSD:			0.1024				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99922 Slope: 0.00723

Intercept : 0.00020

Element: Hg Seq. No.: 56 AS Loc.: 5 Date: 08/09/2005
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0353	0.1149	0.0358	12:18:20	No
2			0.0354	0.1168	0.0359	12:18:55	No
Mean:			0.0353				
SD :			0.0001				
%RSD:			0.1892				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99981 Slope: 0.00702
Intercept : 0.00036

Element: Hg Seq. No.: 57 AS Loc.: 6 Date: 08/09/2005
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0691	0.2254	0.0697	12:19:56	No
2			0.0691	0.2265	0.0696	12:20:31	No
Mean:			0.0691				
SD :			0.0000				
%RSD:							

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99991 Slope: 0.00688
Intercept : 0.00054

Element: Hg Seq. No.: 58 AS Loc.: 7 Date: 08/09/2005
Sample ID: 25.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1632	0.5371	0.1637	12:21:32	No
2			0.1630	0.5373	0.1636	12:22:07	No
Mean:			0.1631				
SD :			0.0001				
%RSD:							

[Hg] Standard number 6 applied. [25.00]
Correlation Coefficient: 0.99970 Slope: 0.00651
Intercept : 0.00147

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0006	---	----	----	----
0.5 PPB	0.0039	0.500	0.369	0.0001	1.9
1.0 PPB	0.0078	1.000	0.966	0.0000	0.4
2.0 PPB	0.0145	2.000	1.999	0.0000	0.1
5.0 PPB	0.0353	5.000	5.198	0.0001	0.2
10.0 PPB	0.0691	10.000	10.38	0.0000	----
25.0 PPB	0.1631	25.000	24.81	0.0001	----

Correlation Coefficient: 0.99970 Slope: 0.00651 Intercept: 0.0015

Element: Hg Seq. No.: 59 AS Loc.: 9 Date: 08/09/2005
Sample ID: ICV 1183 (2)

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

1	18.68	18.68	0.1231	0.4098	0.1237	12:23:11	No
2	18.68	18.68	0.1231	0.4092	0.1237	12:23:46	No
Mean:	18.68	18.68	0.1231				
SD :	0.0011	0.0011	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 60 AS Loc.: 1 Date: 08/09/2005
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.211	-0.211	0.0001	0.0024	0.0007	12:24:47	No
2	-0.231	-0.231	0.0000	0.0003	0.0005	12:25:22	No
Mean:	-0.221	-0.221	0.0000				
SD :	0.0142	0.0142	0.0001				
%RSD:	6.4	6.4	400.0418				

QC value within specified limits.

Element: Hg Seq. No.: 61 AS Loc.: 10 Date: 08/09/2005
Sample ID: MB 6244 (167)

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.287	-0.287	-0.0004	-0.0011	0.0002	12:26:23	No
2	-0.272	-0.272	-0.0003	-0.0003	0.0003	12:26:58	No
Mean:	-0.280	-0.280	-0.0004				
SD :	0.0103	0.0103	0.0001				
%RSD:	3.7	3.7	18.7559				

Element: Hg Seq. No.: 62 AS Loc.: 11 Date: 08/09/2005
Sample ID: LCS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.32	10.32	0.0687	0.2238	0.0692	12:27:58	No
2	10.30	10.30	0.0686	0.2240	0.0691	12:28:33	No
Mean:	10.31	10.31	0.0686				
SD :	0.0096	0.0096	0.0001				
%RSD:							

Element: Hg Seq. No.: 63 AS Loc.: 12 Date: 08/09/2005
Sample ID: LCS MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.16	10.16	0.0677	0.2222	0.0682	12:29:33	No
2	10.15	10.15	0.0676	0.2199	0.0682	12:30:08	No
Mean:	10.16	10.16	0.0676				
SD :	0.0064	0.0064	0.0000				
%RSD:							

Element: Hg Seq. No.: 64 AS Loc.: 13 Date: 08/09/2005
Sample ID: 18939-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.169	0.169	0.0026	0.0100	0.0031	12:31:08	No
2	0.158	0.158	0.0025	0.0083	0.0031	12:31:43	No
Mean:	0.163	0.163	0.0025				
SD :	0.0077	0.0077	0.0001				
%RSD:	4.7	4.7	1.9951				

Element: Hg Seq. No.: 65 AS Loc.: 14 Date: 08/09/2005
Sample ID: 18939-001 MR

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.332	0.332	0.0036	0.0141	0.0042	12:32:43	No
2	0.318	0.318	0.0035	0.0128	0.0041	12:33:18	No
Mean:	0.325	0.325	0.0036				
SD :	0.0098	0.0098	0.0001				
%RSD:	3.0	3.0	1.7898				

Element: Hg Seq. No.: 66 AS Loc.: 15 Date: 08/09/2005
Sample ID: 18939-001 MS 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.29	10.29	0.0685	0.2245	0.0690	12:34:18	No
2	10.44	10.44	0.0695	0.2267	0.0701	12:34:53	No
Mean:	10.36	10.36	0.0690				
SD :	0.1101	0.1101	0.0007				
%RSD:	1.1	1.1	1.0402				

Element: Hg Seq. No.: 67 AS Loc.: 16 Date: 08/09/2005
Sample ID: 18939-001 MS 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.45	10.45	0.0695	0.2279	0.0701	12:35:54	No
2	10.50	10.50	0.0699	0.2304	0.0704	12:36:29	No
Mean:	10.47	10.47	0.0697				
SD :	0.0394	0.0394	0.0003				
%RSD:	0.4	0.4	0.3681				

Element: Hg Seq. No.: 68 AS Loc.: 17 Date: 08/09/2005
Sample ID: 18893-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.344	1.344	0.0102	0.0328	0.0108	12:37:29	No
2	1.332	1.332	0.0101	0.0333	0.0107	12:38:04	No
Mean:	1.338	1.338	0.0102				
SD :	0.0086	0.0086	0.0001				
%RSD:	0.6	0.6	0.5474				

Element: Hg Seq. No.: 69 AS Loc.: 18 Date: 08/09/2005
Sample ID: 18893-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.832	0.832	0.0069	0.0236	0.0075	12:39:04	No
2	0.837	0.837	0.0069	0.0243	0.0075	12:39:39	No
Mean:	0.834	0.834	0.0069				
SD :	0.0037	0.0037	0.0000				
%RSD:	0.4	0.4	0.3508				

Element: Hg Seq. No.: 70 AS Loc.: 19 Date: 08/09/2005
Sample ID: 18893-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.521	2.521	0.0179	0.0597	0.0185	12:40:43	No
2	2.507	2.507	0.0178	0.0581	0.0184	12:41:18	No

Mean:	2.514	2.514	0.0178
SD :	0.0099	0.0099	0.0001
%RSD:	0.4	0.4	0.3633

Element: Hg Seq. No.: 71 AS Loc.: 8 Date: 08/09/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.627	9.627	0.0642	0.2132	0.0647	12:42:22	No
2	9.726	9.726	0.0648	0.2168	0.0654	12:42:57	No
Mean:	9.677	9.677	0.0645				
SD :	0.0702	0.0702	0.0005				
%RSD:	0.7	0.7	0.7094				

QC value within specified limits.

Element: Hg Seq. No.: 72 AS Loc.: 1 Date: 08/09/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.215	-0.215	0.0001	0.0022	0.0006	12:44:00	No
2	-0.227	-0.227	0.0000	-0.0001	0.0006	12:44:35	No
Mean:	-0.221	-0.221	0.0000				
SD :	0.0082	0.0082	0.0001				
%RSD:	3.7	3.7	196.0211				

QC value within specified limits.

Element: Hg Seq. No.: 73 AS Loc.: 20 Date: 08/09/2005
Sample ID: 18893-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	7.631	7.631	0.0512	0.1682	0.0517	12:45:37	No
2	7.655	7.655	0.0513	0.1685	0.0519	12:46:12	No
Mean:	7.643	7.643	0.0513				
SD :	0.0170	0.0170	0.0001				
%RSD:	0.2	0.2	0.2157				

Element: Hg Seq. No.: 74 AS Loc.: 21 Date: 08/09/2005
Sample ID: 18893-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.115	-0.115	0.0007	0.0060	0.0013	12:47:12	No
2	-0.135	-0.135	0.0006	0.0042	0.0012	12:47:47	No
Mean:	-0.125	-0.125	0.0007				
SD :	0.0138	0.0138	0.0001				
%RSD:	11.1	11.1	13.8177				

Element: Hg Seq. No.: 75 AS Loc.: 22 Date: 08/09/2005
Sample ID: 18893-006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.363	0.363	0.0038	0.0152	0.0044	12:48:47	No
2	0.364	0.364	0.0038	0.0145	0.0044	12:49:22	No
Mean:	0.364	0.364	0.0038				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.2	0.2	0.1132				

Element: Hg Seq. No.: 76 AS Loc.: 23 Date: 08/09/2005

Sample ID: 18893-007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.745	1.745	0.0128	0.0426	0.0134	12:50:23	No
2	1.723	1.723	0.0127	0.0412	0.0133	12:50:58	No
Mean:	1.734	1.734	0.0128				
SD :	0.0155	0.0155	0.0001				
%RSD:	0.9	0.9	0.7936				

Element: Hg Seq. No.: 77 AS Loc.: 24 Date: 08/09/2005
Sample ID: 18893-008

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.474	0.474	0.0046	0.0160	0.0051	12:51:59	No
2	0.508	0.508	0.0048	0.0195	0.0053	12:52:34	No
Mean:	0.491	0.491	0.0047				
SD :	0.0239	0.0239	0.0002				
%RSD:	4.9	4.9	3.3416				

Element: Hg Seq. No.: 78 AS Loc.: 25 Date: 08/09/2005
Sample ID: 18940-001

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.100	1.100	0.0086	0.0291	0.0092	12:53:35	No
2	1.120	1.120	0.0088	0.0307	0.0093	12:54:10	No
Mean:	1.110	1.110	0.0087				
SD :	0.0139	0.0139	0.0001				
%RSD:	1.3	1.3	1.0439				

Element: Hg Seq. No.: 79 AS Loc.: 26 Date: 08/09/2005
Sample ID: 18940-002

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.192	-0.192	0.0002	0.0028	0.0008	12:55:10	No
2	-0.200	-0.200	0.0002	0.0017	0.0007	12:55:45	No
Mean:	-0.196	-0.196	0.0002				
SD :	0.0061	0.0061	0.0000				
%RSD:	3.1	3.1	21.2730				

Element: Hg Seq. No.: 80 AS Loc.: 27 Date: 08/09/2005
Sample ID: 18940-003

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.257	0.257	0.0031	0.0134	0.0037	12:56:45	No
2	0.224	0.224	0.0029	0.0099	0.0035	12:57:20	No
Mean:	0.240	0.240	0.0030				
SD :	0.0233	0.0233	0.0002				
%RSD:	9.7	9.7	5.0104				

Element: Hg Seq. No.: 81 AS Loc.: 28 Date: 08/09/2005
Sample ID: 18940-004

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.134	0.134	0.0023	0.0084	0.0029	12:58:24	No
2	0.146	0.146	0.0024	0.0093	0.0030	12:58:59	No
Mean:	0.140	0.140	0.0024				
SD :	0.0091	0.0091	0.0001				

%RSD: 6.5 6.5 2.4985

Element: Hg Seq. No.: 82 AS Loc.: 29 Date: 08/09/2005
Sample ID: 18940-005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.249	-0.249	-0.0002	0.0025	0.0004	01:00:00	No
2	-0.276	-0.276	-0.0003	-0.0002	0.0002	01:00:35	No
Mean:	-0.263	-0.263	-0.0002				
SD :	0.0194	0.0194	0.0001				
%RSD:	7.4	7.4	51.5543				

Element: Hg Seq. No.: 83 AS Loc.: 8 Date: 08/09/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.573	8.573	0.0573	0.1931	0.0579	01:01:40	No
2	8.478	8.478	0.0567	0.1923	0.0573	01:02:15	No
Mean:	8.526	8.526	0.0570				
SD :	0.0671	0.0671	0.0004				
%RSD:	0.8	0.8	0.7673				

QC value within specified limits.

Element: Hg Seq. No.: 84 AS Loc.: 1 Date: 08/09/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.236	-0.236	-0.0001	0.0016	0.0005	01:03:18	No
2	-0.198	-0.198	0.0002	0.0049	0.0007	01:03:53	No
Mean:	-0.217	-0.217	0.0001				
SD :	0.0268	0.0268	0.0002				
%RSD:	12.3	12.3	342.6496				

QC value within specified limits.

Element: Hg Seq. No.: 85 AS Loc.: 30 Date: 08/09/2005
Sample ID: 18940-006

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.223	-0.223	0.0000	0.0010	0.0006	01:04:55	No
2	-0.235	-0.235	-0.0001	-0.0006	0.0005	01:05:30	No
Mean:	-0.229	-0.229	0.0000				
SD :	0.0090	0.0090	0.0001				
%RSD:	3.9	3.9	214.4978				

Element: Hg Seq. No.: 86 AS Loc.: 31 Date: 08/09/2005
Sample ID: 18940-007

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.054	-0.054	0.0011	0.0050	0.0017	01:06:31	No
2	-0.044	-0.044	0.0012	0.0061	0.0017	01:07:06	No
Mean:	-0.049	-0.049	0.0011				
SD :	0.0070	0.0070	0.0000				
%RSD:	14.3	14.3	3.9528				

Element: Hg Seq. No.: 87 AS Loc.: 32 Date: 08/09/2005
Sample ID: MB FB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.230	-0.230	0.0000	0.0027	0.0005	01:08:07	No
2	-0.251	-0.251	-0.0002	0.0002	0.0004	01:08:42	No
Mean:	-0.240	-0.240	-0.0001				
SD :	0.0149	0.0149	0.0001				
%RSD:	6.2	6.2	95.5632				

Element: Hg Seq. No.: 88 AS Loc.: 33 Date: 08/09/2005
Sample ID: LCSW

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.523	9.523	0.0635	0.2098	0.0641	01:09:43	No
2	9.388	9.388	0.0626	0.2075	0.0632	01:10:18	No
Mean:	9.455	9.455	0.0631				
SD :	0.0949	0.0949	0.0006				
%RSD:	1.0	1.0	0.9808				

Element: Hg Seq. No.: 89 AS Loc.: 8 Date: 08/09/2005
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.640	8.640	0.0577	0.1936	0.0583	01:11:21	No
2	8.631	8.631	0.0577	0.1929	0.0583	01:11:56	No
Mean:	8.635	8.635	0.0577				
SD :	0.0065	0.0065	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 90 AS Loc.: 1 Date: 08/09/2005
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.228	-0.228	0.0000	0.0011	0.0005	01:12:59	No
2	-0.209	-0.209	0.0001	0.0032	0.0007	01:13:34	No
Mean:	-0.219	-0.219	0.0000				
SD :	0.0134	0.0134	0.0001				
%RSD:	6.1	6.1	209.5278				

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.: 6244
Matrix: Soil

Analyst: KS
Prep Date: 8/8/05
Reviewed By: [signature]

LAB ID#	ICP		EF#	TCLP SPK	COMMENTS
	INITIAL	FINAL			
Method blank	50 ml	50 ml	--	--	
LCS	.5g		--	--	
LCSD			--	--	
1. 18939-001					
DUP 18939-001			--	--	
MS 18939-001			--	--	
MSD 18939-001					
2. 18893-001					
3. 18893-002					
4. 18893-003					
5. 18893-004					
6. 18893-005					
7. 18893-006					
8. 18893-007					
9. 18893-008					
10. 18918-001					
11. 18940-001					
12. 18940-002					
13. 18940-003					
14. 18940-004					
15. 18940-005	50 ml				
16. 18940-006	.5g				
17. 18940-007					
18. MB FB	50 ml				
19. LCSW					
20.					

Hot Plate Temperature: 95° C

Spike Volume & Lot #
.5 ml of 1277
.5 ml of 1238
.5g of 704

Acid	Manufacturer	Lot #:
HNO_3	Baker	796
HCl	Baker	1142
H_2O_2	Baker	1141

Acid	Manufacturer	Lot #:
1:1 HNO_3	Baker	V- 4503
1:1 HCl	Baker	V-

Relinquished By Kandi R Sm Date 8/8/05
Received By [signature] Date 8/8/05

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (SW846) EPA 600 OTHER_____

Batch No.: 6244
Matrix: So:1
Analyst: KS
Prep Date: 8/8/05
Review By: JS 8/9/05

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25 ml	25 ml	
LCS	.15g		
LCSD			
1. 18939-001			
DUP 18939-001			
MS 18939-001			
MSD 18939-001			
2. 18893-001			
3. 18893-002			
4. 18893-003			
5. 18893-004			
6. 18893-005			
7. 18893-006			
8. 18893-007			
9. 18893-008			
10. 18940-001			
11. 18940-002			
12. 18940-003			
13. 18940-004			
14. 18940-005	25 ml		
15. 18940-006	.15g		
16. 18940-007			
17. MB FB	25 ml		
18. LCSW			
19.			
20.			
$KmnO_4$: V-2627			Block Temp.: 95° C
$K_2S_2O_8$:			Time In Block: 1430
NH_2OH: V-4514			Time Out of Block: 1500

Spike Volume & Lot #

☑ LCS 704 0.15g
☐ MS V-5572 0.250 ml
☐ Standards/Control Batch B-573

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

Relinquished By: [signature] 8/8/05
Received By: [signature] 8/8/05

00 053

Wet Chemistry Data

Veritech Wet Chem Form 1 Summary

Lab #: AC18893-001

Lab #: AC18893-001 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-51 (0.5) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	95	Percent		1	8/4/05

Lab #: AC18893-002 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-51 (3) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	71	Percent		1	8/4/05

Lab #: AC18893-003 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-37 (0.5) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	90	Percent		1	8/4/05

Lab #: AC18893-004 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-37 (4.0) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	78	Percent		1	8/4/05

Lab #: AC18893-005 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-37 (10.5) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	60	Percent		1	8/4/05

Lab #: AC18893-006 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-54 (0.5) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	85	Percent		1	8/4/05

Lab #: AC18893-007 | **Sample Matrix:** Soil/Encore
Sample ID: PCSB-54 (4.5) | **Date Received:** 8/3/05

Test Group Name: % Solids SM2540G — Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	73	Percent		1	8/4/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18893-008

Lab #: AC18893-008 Sample Matrix: Soil/Encore

Sample ID: PCSB-54 (11.5) Date Received: 8/3/05

Test Group Name: % Solids SM2540G Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	58	Percent		1	8/4/05

Analysis Type: SOLIDS
Batch Number: SOLIDS-3057
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	AC18893-001	NA	NA	20	95.61404	NA	0.73	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC18893-001	DUP		96		100	95.614	1	12.4	11.9			08/04/05	dh
AC18893-001	Sample		95		100	94.915	1	12.8	12.2			08/04/05	dh
AC18893-002	Sample		71		100	70.69	1	12.6	9.2			08/04/05	dh
AC18893-003	Sample		90		100	90.179	1	12.2	11.1			08/04/05	dh
AC18893-004	Sample		78		100	77.966	1	12.8	10.2			08/04/05	dh
AC18893-005	Sample		60		100	60.36	1	12.1	7.7			08/04/05	dh
AC18893-006	Sample		85		100	84.615	1	12.7	10.9			08/04/05	dh
AC18893-007	Sample		73		100	72.881	1	12.8	9.6			08/04/05	dh
AC18893-008	Sample		58		100	57.895	1	12.4	7.6			08/04/05	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