User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:31:19

Sample: AE09771
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/8/02 13:56 Ended: 5/8/02 13:56 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.04		2.0
2	bis(2-Chloroethyl)ether		14.56		2.0
3	1,3-Dichlorobenzene		12.66		2.0
4	1,4-Dichlorobenzene		12.73		2.0
5	1,2-Dichlorobenzene		14.10		2.0
6	2,2-oxybis(1-Chloropropane)		14.99		2.0
7	n-Nitrosodi-n-propylamine		14.61		2.0
8	Hexachloroethane		10.34		2.0
9	Nitrobenzene		14.15		2.0
10	Isophorone		17.06		2.0
11	bis(2-Chloroethoxy)methane		15.06		2.0
12	1,2,4-Trichlorobenzene		13.75		2.0
13	Naphthalene		15.79		2.0
14	Hexachlorobutadiene		12.16		2.0
15	2-Chloronaphthalene		17.13		2.0
16	Dimethylphthalate		15.48		2.0
17	2,6-Dinitrotoluene		14.37		2.0
18	Acenaphthylene		14.59		2.0
19	Acenaphthene		16.95		2.0
20	2,4-Dinitrotoluene		13.64		2.0
21	Diethylphthalate		17.86		2.0
22	4-Chlorophenylphenylether		16.20		2.0
23	Fluorene		17.61		2.0
24	Azobenzene		15.27		2.0
25	n-Nitrosodiphenylamine		15.39		2.0
26	4-Bromophenylphenylether		16.50		2.0
27	Hexachlorobenzene		16.89		2.0
28	Phenanthrene		16.40		2.0
29	Anthracene		14.86		2.0
30	Di-n-butylphthalate		16.92		2.0
31	Fluoranthene		16.39		2.0
32	Pyrene		16.60		2.0
33	Butylbenzylphthalate		13.74		2.0
34	Benzo(a)anthracene		14.46		2.0
35	bis(2-Ethylhexyl)phthalate		12.87		2.0
36	Chrysene		16.58		2.0
37	Di-n-octylphthalate		11.14		2.0
38	Benzo(b)fluoranthene		15.67		2.0
39	Benzo(k)fluoranthene		17.46		2.0
40	Benzo(a)pyrene		10.33		2.0
41	Indeno(1,2,3-cd)pyrene		7.75		2.0
42	Dibenz(a,h)anthracene		10.72		2.0
43	Benzo(g,h,i)perylene		12.73		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:31:49

Sample: AE09771
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/8/02 13:56 Ended: 5/8/02 13:56 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		40		2.0
2	bis(2-Chloroethyl)ether		73		2.0
3	1,3-Dichlorobenzene		63		2.0
4	1,4-Dichlorobenzene		64		2.0
5	1,2-Dichlorobenzene		70		2.0
6	2,2-oxybis(1-Chloropropane)		75		2.0
7	n-Nitrosodi-n-propylamine		73		2.0
8	Hexachloroethane		52		2.0
9	Nitrobenzene		71		2.0
10	Isophorone		85		2.0
11	bis(2-Chloroethoxy)methane		75		2.0
12	1,2,4-Trichlorobenzene		69		2.0
13	Naphthalene		79		2.0
14	Hexachlorobutadiene		61		2.0
15	2-Chloronaphthalene		86		2.0
16	Dimethylphthalate		77		2.0
17	2,6-Dinitrotoluene		72		2.0
18	Acenaphthylene		73		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		68		2.0
21	Diethylphthalate		89		2.0
22	4-Chlorophenylphenylether		81		2.0
23	Fluorene		88		2.0
24	Azobenzene		76		2.0
25	n-Nitrosodiphenylamine		77		2.0
26	4-Bromophenylphenylether		82		2.0
27	Hexachlorobenzene		84		2.0
28	Phenanthrene		82		2.0
29	Anthracene		74		2.0
30	Di-n-butylphthalate		85		2.0
31	Fluoranthene		82		2.0
32	Pyrene		83		2.0
33	Butylbenzylphthalate		69		2.0
34	Benzo(a)anthracene		72		2.0
35	bis(2-Ethylhexyl)phthalate		64		2.0
36	Chrysene		83		2.0
37	Di-n-octylphthalate		56		2.0
38	Benzo(b)fluoranthene		78		2.0
39	Benzo(k)fluoranthene		87		2.0
40	Benzo(a)pyrene		52		2.0
41	Indeno(1,2,3-cd)pyrene	SPK			
42	Dibenz(a,h)anthracene		54		2.0
43	Benzo(g,h,i)perylene		64		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFA.D Vial: 17
Acq On : 7 May 2002 12:44 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:39:58 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4891441	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	19725204	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10819912	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	16090375	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12378192	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8397854	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	532618	7.81	ug/L	0.00
Spiked Amount 10.000			Recovery = 78.10%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	805407	8.04	ug/L #	83
3) bis(2-Chloroethyl)ether	9.35	93	2787292	14.56	ug/L #	86
4) 1,3-Dichlorobenzene	9.77	146	2467589	12.66	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2550805	12.73	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	2510406	14.10	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	4421249m	14.99	ug/L	
8) N-nitroso-di-propylamine	11.13	70	1981832	14.61	ug/L	97
9) Hexachloroethane	11.26	117	764253	10.34	ug/L	95
11) Nitrobenzene	11.49	77	2700080	14.15	ug/L	96
12) Isophorone	12.21	82	5863928	17.06	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	3428715	15.06	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	1986932	13.75	ug/L	96
15) Napthalene	13.49	128	8345118	15.79	ug/L	99
16) Hexachlorobutadiene	13.93	225	823262	12.16	ug/L	99
18) 2-Chloronaphthalene	16.93	162	4631650	17.13	ug/L	98
19) Dimethylphthalate	18.01	163	5437954	15.48	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	848999	14.37	ug/L #	92
21) Acenapthylene	18.13	152	7250853	14.59	ug/L	98
22) Acenapthalene	18.66	153	4803244	16.95	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	1072689	13.64	ug/L	91
24) Diethylphthalate	20.15	149	5432333	17.86	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	2559586	16.20	ug/L	99
26) Fluorene	20.20	166	5754827	17.61	ug/L	97
28) Azobenzene	20.78	77	6108742	15.27	ug/L	95
30) Nnitrosodiphenylamine	20.69	169	3039390	15.39	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	1311054	16.50	ug/L	98
32) Hexachlorobenzene	21.79	284	1284810	16.89	ug/L	97
33) Phenanthrene	23.02	178	7962095	16.40	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFA.D Vial: 17
Acq On : 7 May 2002 12:44 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:39:58 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

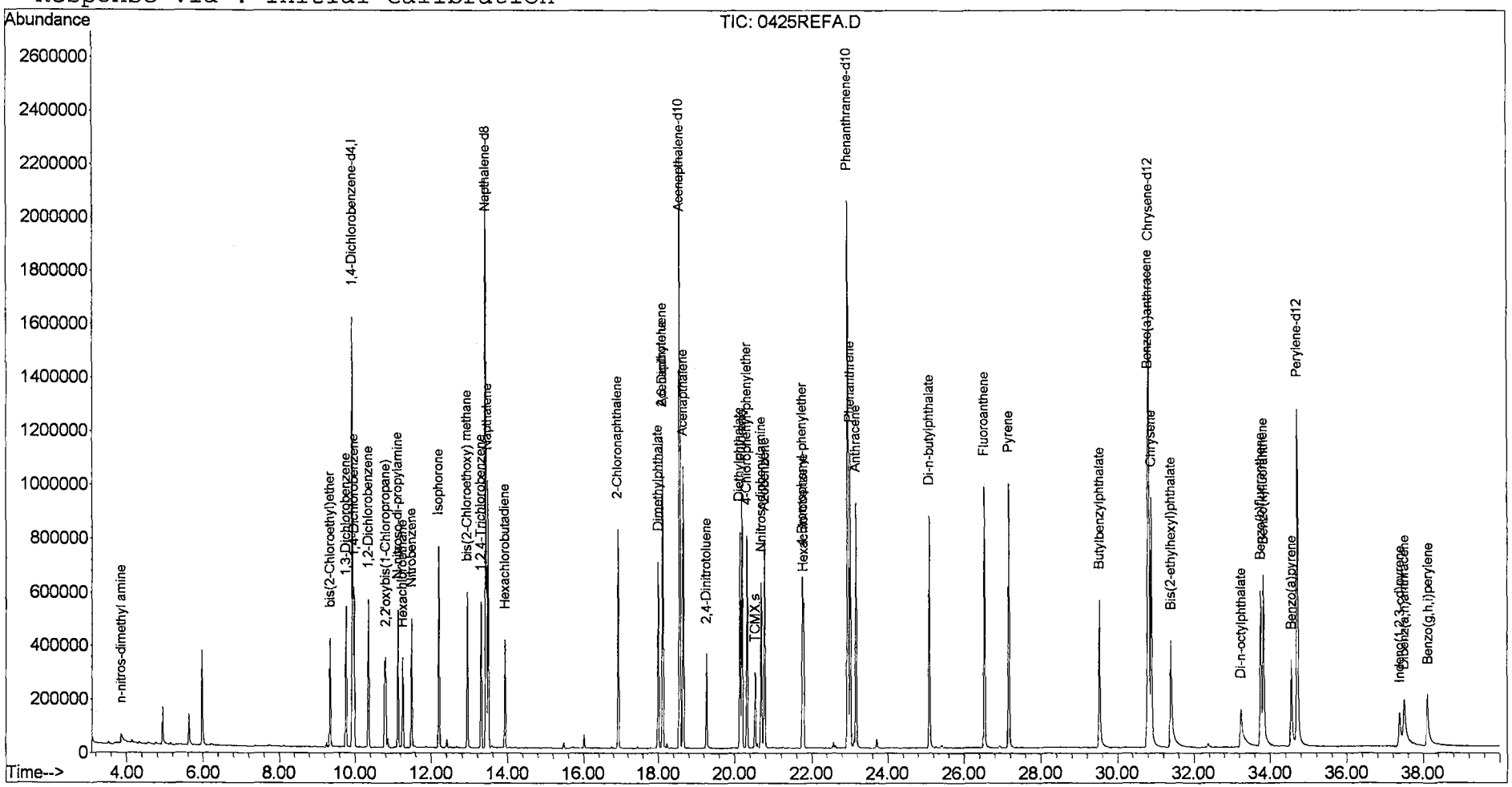
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.17	178	7379401	14.86	ug/L	98
35)	Di-n-butylphthalate	25.09	149	9016705	16.92	ug/L	100
36)	Fluoroanthene	26.54	202	8157281	16.39	ug/L	98
38)	Pyrene	27.17	202	8435140	16.60	ug/L	98
39)	Butylbenzylphthalate	29.53	149	3112161	13.74	ug/L	97
40)	Benzo(a)anthracene	30.79	228	5849779	14.46	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3938146	12.87	ug/L	97
42)	Chrysene	30.88	228	6946323m	16.58	ug/L	
44)	Di-n-octylphthalate	33.24	149	4129931m	11.14	ug/L	
45)	Benzo(b)fluoranthene	33.75	252	4763146	15.67	ug/L	97
46)	Benzo(k)fluoranthene	33.82	252	6670450	17.46	ug/L	97
47)	Benzo(a)pyrene	34.55	252	3135675m	10.33	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.39	276	1648854	7.75	ug/L	98
49)	Dibenz(a,h)anthracene	37.51	278	2425361	10.72	ug/L	96
51)	Benzo(g,h,i)perylene	38.13	276	3024815	12.73	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFA.D Vial: 17
Acq On : 7 May 2002 12:44 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 15:40 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFB.D Vial: 18
Acq On : 7 May 2002 1:33 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:41:38 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4975179	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	19765237	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10696543	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	15850363	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12240811	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8709043	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	535026	7.94	ug/L	0.00
Spiked Amount 10.000			Recovery = 79.40%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	849461m	8.33	ug/L	
3) bis(2-Chloroethyl)ether	9.35	93	2745762	14.11	ug/L	87
4) 1,3-Dichlorobenzene	9.77	146	2393962	12.08	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2507340	12.31	ug/L	98
6) 1,2-Dichlorobenzene	10.36	146	2443130	13.49	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.81	45	4329602m	14.43	ug/L	
8) N-nitroso-di-propylamine	11.13	70	1915776	13.88	ug/L	97
9) Hexachloroethane	11.26	117	731010	9.73	ug/L	92
11) Nitrobenzene	11.49	77	2681089	14.02	ug/L	95
12) Isophorone	12.21	82	5692193	16.53	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	3330473	14.60	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	1980138	13.67	ug/L	97
15) Napthalene	13.49	128	8254017	15.59	ug/L	98
16) Hexachlorobutadiene	13.93	225	807271	11.90	ug/L	97
18) 2-Chloronaphthalene	16.93	162	4586721	17.16	ug/L	99
19) Dimethylphthalate	18.01	163	5224965	15.04	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	834060	14.28	ug/L	91
21) Acenapthylene	18.13	152	7068682	14.39	ug/L	98
22) Acenapthalene	18.66	153	4696557	16.76	ug/L	98
23) 2,4-Dinitrotoluene	19.27	165	1019671	13.11	ug/L	95
24) Diethylphthalate	20.14	149	5209865	17.32	ug/L	99
25) 4-Chlorophenyl-phenylether	20.33	204	2504823	16.04	ug/L	99
26) Fluorene	20.20	166	5550219	17.18	ug/L	96
28) Azobenzene	20.78	77	5788265	14.63	ug/L	93
30) Nnitrosodiphenylamine	20.69	169	2980627	15.32	ug/L	93
31) 4-Bromophenyl-phenylether	21.76	248	1276336	16.30	ug/L	96
32) Hexachlorobenzene	21.79	284	1249561	16.67	ug/L	97
33) Phenanthrene	23.02	178	7637651	15.97	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFB.D Vial: 18
Acq On : 7 May 2002 1:33 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:41:38 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
34)	Anthracene	23.17	178	7240698	14.80	ug/L		98
35)	Di-n-butylphthalate	25.09	149	8573078	16.33	ug/L		99
36)	Fluoroanthene	26.54	202	7807100	15.93	ug/L		99
38)	Pyrene	27.17	202	8148118	16.21	ug/L		98
39)	Butylbenzylphthalate	29.53	149	2990716	13.36	ug/L	#	96
40)	Benzo(a)anthracene	30.79	228	5729415	14.32	ug/L		97
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3915540	12.94	ug/L		97
42)	Chrysene	30.88	228	6676463m	16.12	ug/L		
44)	Di-n-octylphthalate	33.24	149	4010994	10.43	ug/L		100
45)	Benzo(b)fluoranthene	33.75	252	4776653	15.15	ug/L		97
46)	Benzo(k)fluoranthene	33.82	252	6628001	16.73	ug/L		98
47)	Benzo(a)pyrene	34.55	252	3570971m	11.35	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.39	276	1932329	8.76	ug/L		98
49)	Dibenz(a,h)anthracene	37.51	278	2517029	10.73	ug/L		100
51)	Benzo(g,h,i)perylene	38.13	276	3460329m	14.05	ug/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425REFB.D Vial: 18
Acq On : 7 May 2002 1:33 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 15:42 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration