User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 12:23:06

Sample: AE10603
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/9/02 12:14 Ended: 5/9/02 12:14 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.78		2.0
2	bis(2-Chloroethyl)ether		13.40		2.0
3	1,3-Dichlorobenzene		12.02		2.0
4	1,4-Dichlorobenzene		12.36		2.0
5	1,2-Dichlorobenzene		13.33		2.0
6	2,2-oxybis(1-Chloropropane)		13.76		2.0
7	n-Nitrosodi-n-propylamine		13.41		2.0
8	Hexachloroethane		10.23		2.0
9	Nitrobenzene		12.94		2.0
10	Isophorone		15.28		2.0
11	bis(2-Chloroethoxy)methane		13.61		2.0
12	1,2,4-Trichlorobenzene		13.10		2.0
13	Naphthalene		14.39		2.0
14	Hexachlorobutadiene		11.86		2.0
15	2-Chloronaphthalene		15.76		2.0
16	Dimethylphthalate		13.71		2.0
17	2,6-Dinitrotoluene		12.94		2.0
18	Acenaphthylene		13.28		2.0
19	Acenaphthene		15.38		2.0
20	2,4-Dinitrotoluene		11.96		2.0
21	Diethylphthalate		15.68		2.0
22	4-Chlorophenylphenylether		14.72		2.0
23	Fluorene		15.88		2.0
24	Azobenzene		13.49		2.0
25	n-Nitrosodiphenylamine		13.96		2.0
26	4-Bromophenylphenylether		14.94		2.0
27	Hexachlorobenzene		15.34		2.0
28	Phenanthrene		14.58		2.0
29	Anthracene		13.59		2.0
30	Di-n-butylphthalate		14.85		2.0
31	Fluoranthene		14.41		2.0
32	Pyrene		14.84		2.0
33	Butylbenzylphthalate		11.63		2.0
34	Benzo(a)anthracene		13.06		2.0
35	bis(2-Ethylhexyl)phthalate		10.92		2.0
36	Chrysene		14.80		2.0
37	Di-n-octylphthalate		9.05		2.0
38	Benzo(b)fluoranthene		13.40		2.0
39	Benzo(k)fluoranthene		15.70		2.0
40	Benzo(a)pyrene		9.87		2.0
41	Indeno(1,2,3-cd)pyrene		7.82		2.0
42	Dibenz(a,h)anthracene		11.42		2.0
43	Benzo(g,h,i)perylene		12.74		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 12:23:15

Sample: AE10603
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/9/02 12:14 Ended: 5/9/02 12:14 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		39		2.0
2	bis(2-Chloroethyl)ether		67		2.0
3	1,3-Dichlorobenzene		60		2.0
4	1,4-Dichlorobenzene		62		2.0
5	1,2-Dichlorobenzene		67		2.0
6	2,2-oxybis(1-Chloropropane)		69		2.0
7	n-Nitrosodi-n-propylamine		67		2.0
8	Hexachloroethane		51		2.0
9	Nitrobenzene		65		2.0
10	Isophorone		76		2.0
11	bis(2-Chloroethoxy)methane		68		2.0
12	1,2,4-Trichlorobenzene		66		2.0
13	Naphthalene		72		2.0
14	Hexachlorobutadiene		59		2.0
15	2-Chloronaphthalene		79		2.0
16	Dimethylphthalate		69		2.0
17	2,6-Dinitrotoluene		65		2.0
18	Acenaphthylene		66		2.0
19	Acenaphthene		77		2.0
20	2,4-Dinitrotoluene		60		2.0
21	Diethylphthalate		78		2.0
22	4-Chlorophenylphenylether		74		2.0
23	Fluorene		79		2.0
24	Azobenzene		67		2.0
25	n-Nitrosodiphenylamine		70		2.0
26	4-Bromophenylphenylether		75		2.0
27	Hexachlorobenzene		77		2.0
28	Phenanthrene		73		2.0
29	Anthracene		68		2.0
30	Di-n-butylphthalate		74		2.0
31	Fluoranthene		72		2.0
32	Pyrene		74		2.0
33					
34	Benzo(a)anthracene		65		2.0
35					
36	Chrysene		74		2.0
37					
38	Benzo(b)fluoranthene		67		2.0
39	Benzo(k)fluoranthene		78		2.0
40	Benzo(a)pyrene		49		2.0
41					
42	Dibenz(a,h)anthracene		57		2.0
43	Benzo(g,h,i)perylene		64		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFB.D Vial: 7
Acq On : 7 May 2002 6:02 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:17:09 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

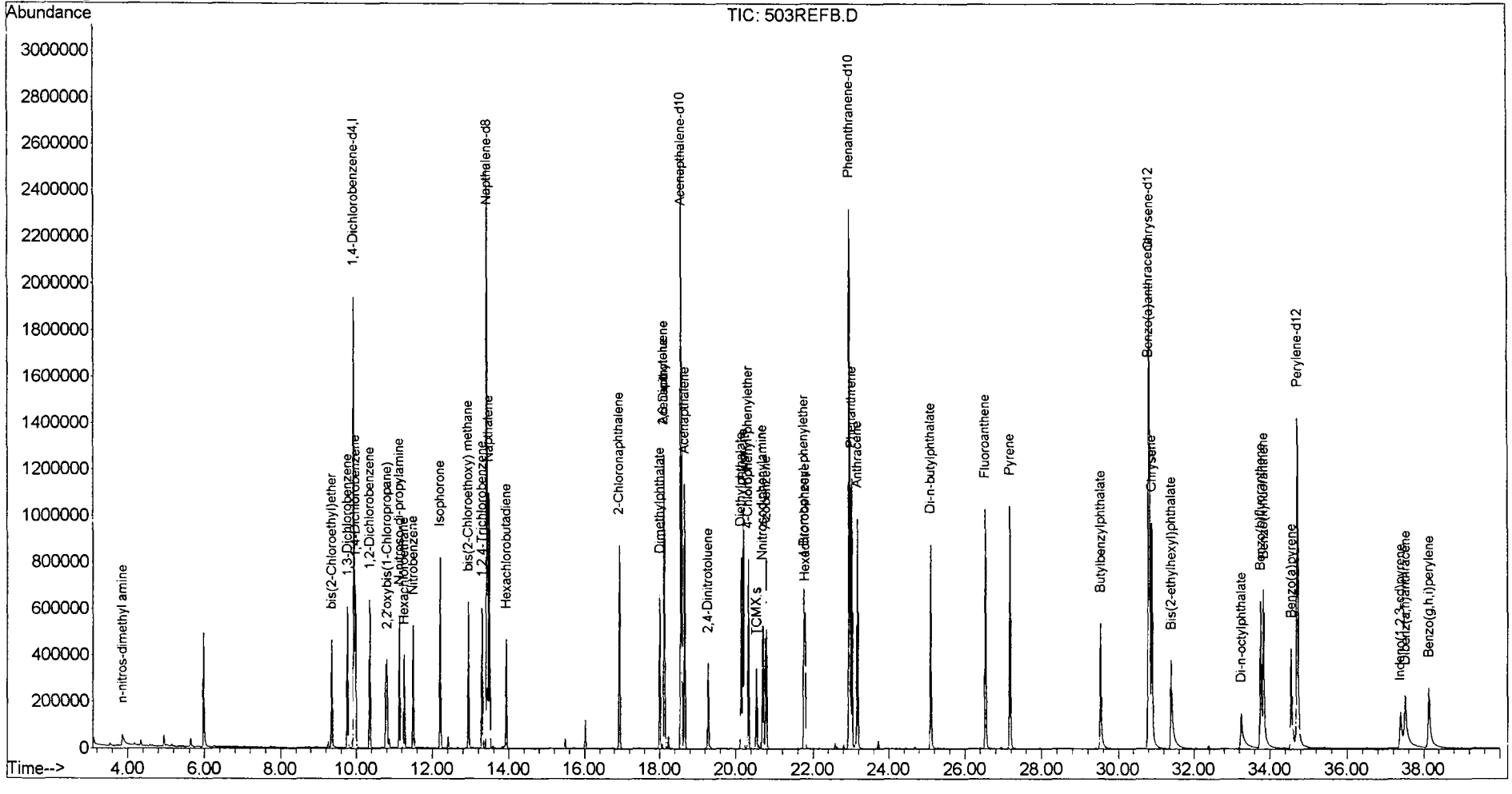
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.17	178	7944107	13.59	ug/L	98
35)	Di-n-butylphthalate	25.09	149	9317691	14.85	ug/L	99
36)	Fluoroanthene	26.54	202	8440882	14.41	ug/L	98
38)	Pyrene	27.17	202	8871445	14.84	ug/L	97
39)	Butylbenzylphthalate	29.53	149	3097315	11.63	ug/L	96
40)	Benzo(a)anthracene	30.79	228	6214983	13.06	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3895786	10.82	ug/L	98
42)	Chrysene	30.88	228	7295102m	14.80	ug/L	
44)	Di-n-octylphthalate	33.24	149	3893573	8.37	ug/L	99
45)	Benzo(b)fluoranthene	33.75	252	5112518	13.40	ug/L	97
46)	Benzo(k)fluoranthene	33.83	252	7126448	14.86	ug/L	99
47)	Benzo(a)pyrene	34.55	252	3488691	9.16	ug/L	99
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2088757	7.82	ug/L	97
49)	Dibenz(a,h)anthracene	37.51	278	3243629m	11.42	ug/L	
51)	Benzo(g,h,i)perylene	38.13	276	3799534	12.74	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFB.D Vial: 7
Acq On : 7 May 2002 6:02 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 9:17 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFB.D Vial: 7
Acq On : 7 May 2002 6:02 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:17:09 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 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	5905366	40.00	ug/L	0.00
10) Napthalene-d8	13.44	136	23802698	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12909485	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	18937508	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	14562996	40.00	ug/L	0.01
43) Perylene-d12	34.71	264	10539320	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	659099	8.84	ug/L	0.00
Spiked Amount 10.000			Recovery = 88.40%			
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	941100	7.78	ug/L #	81
3) bis(2-Chloroethyl)ether	9.35	93	3095768	13.40	ug/L	87
4) 1,3-Dichlorobenzene	9.77	146	2827531	12.02	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2989059	12.36	ug/L	100
6) 1,2-Dichlorobenzene	10.36	146	2865523	13.33	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.81	45	4901405m	13.76	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2196071	13.41	ug/L	97
9) Hexachloroethane	11.26	117	912509	10.23	ug/L	94
11) Nitrobenzene	11.49	77	2980324	12.94	ug/L	95
12) Isophorone	12.21	82	6338396	15.28	ug/L	98
13) bis(2-Chloroethoxy) methan	12.95	93	3739042	13.61	ug/L	98
14) 1,2,4-Trichlorobenzene	13.30	180	2284856	13.10	ug/L	98
15) Napthalene	13.49	128	9172941	14.39	ug/L	98
16) Hexachlorobutadiene	13.93	225	969017	11.86	ug/L	100
18) 2-Chloronaphthalene	16.93	162	5085457	15.76	ug/L	97
19) Dimethylphthalate	18.01	163	5747401	13.71	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	912290	12.94	ug/L	93
21) Acenapthylene	18.13	152	7876593	13.28	ug/L	98
22) Acenapthalene	18.66	153	5200962	15.38	ug/L	97
23) 2,4-Dinitrotoluene	19.27	165	1122421	11.96	ug/L	96
24) Diethylphthalate	20.15	149	5690390	15.68	ug/L	97
25) 4-Chlorophenyl-phenylether	20.33	204	2774461	14.72	ug/L	99
26) Fluorene	20.20	166	6191025	15.88	ug/L	96
28) Azobenzene	20.78	77	6439057	13.49	ug/L	95
30) Nnitrosodiphenylamine	20.69	169	3243502	13.96	ug/L	92
31) 4-Bromophenyl-phenylether	21.76	248	1397448	14.94	ug/L	99
32) Hexachlorobenzene	21.79	284	1373933	15.34	ug/L	99
33) Phenanthrene	23.02	178	8331599	14.58	ug/L	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFA.D Vial: 6
Acq On : 7 May 2002 5:13 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:15:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 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	5991345	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	24343767	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	13360694	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	20008621	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	16015030	40.00	ug/L	0.01
43) Perylene-d12	34.72	264	11502726	40.00	ug/L	0.01
System Monitoring Compounds						
27) TCMX	20.54	209	695500	9.01	ug/L	0.00
Spiked Amount 10.000			Recovery = 90.10%			
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	970674	7.91	ug/L #	87
3) bis(2-Chloroethyl)ether	9.35	93	3127330	13.34	ug/L	87
4) 1,3-Dichlorobenzene	9.77	146	2767664	11.60	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2905231	11.84	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	2840407	13.02	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	4968846m	13.75	ug/L	
8) N-nitroso-di-propylamine	11.14	70	2249659	13.54	ug/L	97
9) Hexachloroethane	11.26	117	843806	9.32	ug/L	94
11) Nitrobenzene	11.50	77	2996499	12.72	ug/L	95
12) Isophorone	12.21	82	6586784	15.53	ug/L	98
13) bis(2-Chloroethoxy) methan	12.95	93	3885902	13.83	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2283624	12.80	ug/L	98
15) Napthalene	13.49	128	9362111	14.36	ug/L	98
16) Hexachlorobutadiene	13.93	225	896233	10.73	ug/L	95
18) 2-Chloronaphthalene	16.93	162	5298828	15.87	ug/L	98
19) Dimethylphthalate	18.01	163	6117813	14.10	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	953484	13.07	ug/L	90
21) Acenapthylene	18.13	152	8194307	13.35	ug/L	97
22) Acenapthalene	18.66	153	5458381	15.60	ug/L	99
23) 2,4-Dinitrotoluene	19.28	165	1197538	12.33	ug/L	94
24) Diethylphthalate	20.15	149	6110804	16.27	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2950333	15.12	ug/L	99
26) Fluorene	20.20	166	6469485	16.03	ug/L	98
28) Azobenzene	20.78	77	6918080	14.00	ug/L	94
30) Nnitrosodiphenylamine	20.70	169	3512637	14.31	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	1475945	14.93	ug/L	98
32) Hexachlorobenzene	21.79	284	1472976	15.57	ug/L	98
33) Phenanthrene	23.02	178	8963715	14.85	ug/L	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFA.D Vial: 6
Acq On : 7 May 2002 5:13 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:15:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	23.17	178	8575907	13.89	ug/L	98
35)	Di-n-butylphthalate	25.10	149	10052163	15.17	ug/L	100
36)	Fluoroanthene	26.54	202	9267751	14.98	ug/L	98
38)	Pyrene	27.18	202	9764116	14.85	ug/L	98
39)	Butylbenzylphthalate	29.53	149	3382121	11.54	ug/L	97
40)	Benzo(a)anthracene	30.79	228	7069842	13.50	ug/L	97
41)	Bis(2-ethylhexyl)phthalate	31.39	149	4325865	10.92	ug/L	98
42)	Chrysene	30.89	228	7983245m	14.73	ug/L	
44)	Di-n-octylphthalate	33.24	149	4595970m	9.05	ug/L	
45)	Benzo(b)fluoranthene	33.75	252	5837398	14.02	ug/L	98
46)	Benzo(k)fluoranthene	33.83	252	8216672	15.70	ug/L	98
47)	Benzo(a)pyrene	34.56	252	4103032	9.87	ug/L	100
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2027599	6.96	ug/L	98
49)	Dibenz(a,h)anthracene	37.51	278	3395419m	10.96	ug/L	
51)	Benzo(g,h,i)perylene	38.13	276	4140457m	12.72	ug/L	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050702\503REFA.D Vial: 6
Acq On : 7 May 2002 5:13 pm Operator: Mclean
Sample : 5/3 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 9:16 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration