User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 12:27:34

Sample: AE10137
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/14/02 12:16 Ended: 5/14/02 12:16 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.88		2.0
2	bis(2-Chloroethyl)ether		16.58		2.0
3	1,3-Dichlorobenzene		14.78		2.0
4	1,4-Dichlorobenzene		15.10		2.0
5	1,2-Dichlorobenzene		16.53		2.0
6	2,2-oxybis(1-Chloropropane)		17.27		2.0
7	n-Nitrosodi-n-propylamine		17.08		2.0
8	Hexachloroethane		12.00		2.0
9	Nitrobenzene		16.15		2.0
10	Isophorone		19.49		2.0
11	bis(2-Chloroethoxy)methane		17.21		2.0
12	1,2,4-Trichlorobenzene		16.54		2.0
13	Naphthalene		18.55		2.0
14	Hexachlorobutadiene		13.64		2.0
15	2-Chloronaphthalene		19.87		2.0
16	Dimethylphthalate		17.63		2.0
17	2,6-Dinitrotoluene		16.34		2.0
18	Acenaphthylene		16.83		2.0
19	Acenaphthene		19.28		2.0
20	2,4-Dinitrotoluene		14.17		2.0
21	Diethylphthalate		20.16		2.0
22	4-Chlorophenylphenylether		18.56		2.0
23	Fluorene		19.90		2.0
24	Azobenzene		17.20		2.0
25	n-Nitrosodiphenylamine		19.16		2.0
26	4-Bromophenylphenylether		19.03		2.0
27	Hexachlorobenzene		19.82		2.0
28	Phenanthrene		18.97		2.0
29	Anthracene		17.36		2.0
30	Di-n-butylphthalate		18.07		2.0
31	Fluoranthene		18.24		2.0
32	Pyrene		19.84		2.0
33	Butylbenzylphthalate		13.70		2.0
34	Benzo(a)anthracene		16.66		2.0
35	bis(2-Ethylhexyl)phthalate		11.73		2.0
36	Chrysene		19.00		2.0
37	Di-n-octylphthalate		9.17		2.0
38	Benzo(b)fluoranthene		17.13		2.0
39	Benzo(k)fluoranthene		20.22		2.0
40	Benzo(a)pyrene		13.63		2.0
41	Indeno(1,2,3-cd)pyrene		9.79		2.0
42	Dibenz(a,h)anthracene		15.21		2.0
43	Benzo(g,h,i)perylene		18.31		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 12:27:30

Sample: AE10137
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/14/02 12:16 Ended: 5/14/02 12:16 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		44		2.0
2	bis(2-Chloroethyl)ether		83		2.0
3	1,3-Dichlorobenzene		74		2.0
4	1,4-Dichlorobenzene		76		2.0
5	1,2-Dichlorobenzene		83		2.0
6	2,2-oxybis(1-Chloropropane)		86		2.0
7	n-Nitrosodi-n-propylamine		85		2.0
8	Hexachloroethane		60		2.0
9	Nitrobenzene		81		2.0
10	Isophorone		97		2.0
11	bis(2-Chloroethoxy)methane		86		2.0
12	1,2,4-Trichlorobenzene		83		2.0
13	Naphthalene		93		2.0
14	Hexachlorobutadiene		68		2.0
15	2-Chloronaphthalene		99		2.0
16	Dimethylphthalate		88		2.0
17	2,6-Dinitrotoluene		82		2.0
18	Acenaphthylene		84		2.0
19	Acenaphthene		96		2.0
20	2,4-Dinitrotoluene		71		2.0
21	Diethylphthalate		100		2.0
22	4-Chlorophenylphenylether		93		2.0
23	Fluorene		100		2.0
24	Azobenzene		86		2.0
25	n-Nitrosodiphenylamine		96		2.0
26	4-Bromophenylphenylether		95		2.0
27	Hexachlorobenzene		99		2.0
28	Phenanthrene		95		2.0
29	Anthracene		87		2.0
30	Di-n-butylphthalate		90		2.0
31	Fluoranthene		91		2.0
32	Pyrene		99		2.0
33	Butylbenzylphthalate		68		2.0
34	Benzo(a)anthracene		83		2.0
35	[redacted]				
36	Chrysene		95		2.0
37	[redacted]				
38	Benzo(b)fluoranthene		86		2.0
39	Benzo(k)fluoranthene		100		2.0
40	Benzo(a)pyrene		68		2.0
41	Indeno(1,2,3-cd)pyrene		49		2.0
42	Dibenz(a,h)anthracene		76		2.0
43	Benzo(g,h,i)perylene		92		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF2.D Vial: 8
Acq On : 13 May 2002 5:11 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:46:31 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 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	5319909	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	21396741	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11615436	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	17241876	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	12513023	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8176359	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2675634	37.94	ug/L	0.00
Spiked Amount 40.000			Recovery = 94.85%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	967670	8.88	ug/L #	80
3) bis(2-Chloroethyl)ether	9.35	93	3451531	16.58	ug/L	87
4) 1,3-Dichlorobenzene	9.77	146	3132084	14.78	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	3289515	15.10	ug/L	99
6) 1,2-Dichlorobenzene	10.35	146	3202462	16.53	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	5539148m	17.27	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2521009	17.08	ug/L	95
9) Hexachloroethane	11.26	117	963921	12.00	ug/L	93
11) Nitrobenzene	11.49	77	3342892	16.15	ug/L	95
12) Isophorone	12.20	82	7268100	19.49	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	4250467	17.21	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2593277	16.54	ug/L	98
15) Napthalene	13.49	128	10630486	18.55	ug/L	99
16) Hexachlorobutadiene	13.93	225	1001653	13.64	ug/L	99
18) 2-Chloronaphthalene	16.93	162	5885337	19.87	ug/L	97
19) Dimethylphthalate	18.00	163	6692475	17.63	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	974928	16.34	ug/L	90
21) Acenapthylene	18.13	152	9219544	16.83	ug/L	97
22) Acenapthalene	18.66	153	6091072	19.28	ug/L	97
23) 2,4-Dinitrotoluene	19.27	165	1196530	14.17	ug/L	93
24) Diethylphthalate	20.14	149	6656270	20.16	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	3237782	18.56	ug/L	99
26) Fluorene	20.20	166	7189307	19.90	ug/L	98
28) Azobenzene	20.78	77	7494076	17.20	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	4054175	19.16	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	1620945	19.03	ug/L	98
32) Hexachlorobenzene	21.79	284	1615800	19.82	ug/L	98
33) Phenanthrene	23.02	178	9867581	18.97	ug/L	97
34) Anthracene	23.17	178	9236705	17.36	ug/L	98
35) Di-n-butylphthalate	25.09	149	10318975	18.07	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF2.D Vial: 8
Acq On : 13 May 2002 5:11 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:46:31 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

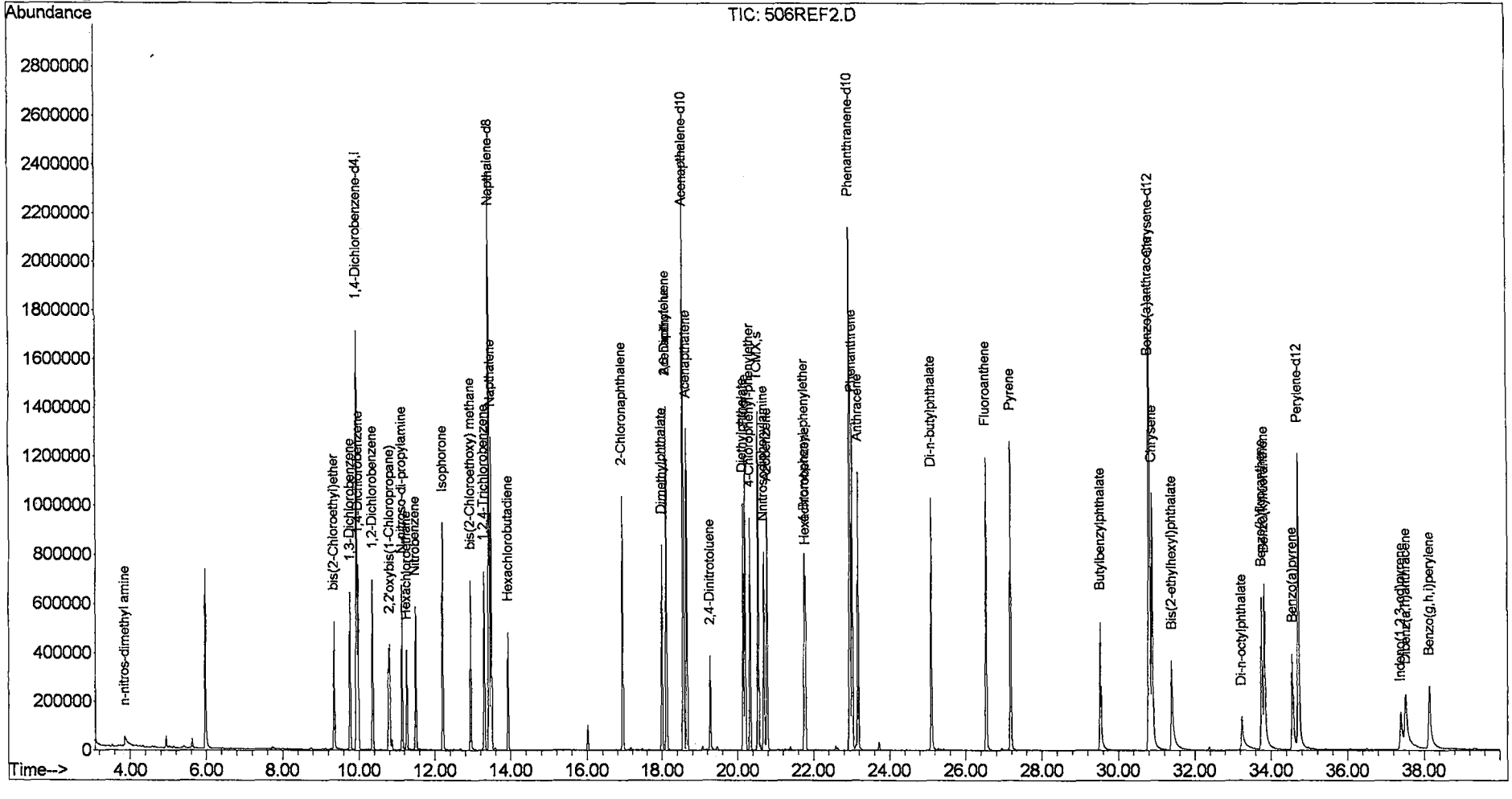
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.54	202	9727198	18.24	ug/L	99
38)	Pyrene	27.17	202	10193612	19.84	ug/L	97
39)	Butylbenzylphthalate	29.53	149	3135818	13.70	ug/L	96
40)	Benzo(a)anthracene	30.79	228	6815342	16.66	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	3628238	11.73	ug/L	97
42)	Chrysene	30.88	228	8047826m	19.00	ug/L	
44)	Di-n-octylphthalate	33.24	149	3311266	9.17	ug/L	98
45)	Benzo(b)fluoranthene	33.75	252	5071035	17.13	ug/L	97
46)	Benzo(k)fluoranthene	33.83	252	7522612	20.22	ug/L	99
47)	Benzo(a)pyrene	34.55	252	4027752m	13.63	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.39	276	2028513	9.79	ug/L	98
49)	Dibenz(a,h)anthracene	37.51	278	3351921m	15.21	ug/L	
50)	Benzo(g,h,i)perylene	38.13	276	4235984m	18.31	ug/L	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF2.D Vial: 8
Acq On : 13 May 2002 5:11 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:47 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF1.D Vial: 7
Acq On : 13 May 2002 4:22 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:45:18 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	5085857	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	20485371	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11068368	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	15812311	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11157672	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	6990910	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	2425416	36.09	ug/L	0.00
Spiked Amount 40.000			Recovery = 90.23%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	900197	8.64	ug/L #	85
3) bis(2-Chloroethyl)ether	9.35	93	3108252	15.62	ug/L	89
4) 1,3-Dichlorobenzene	9.76	146	2842365	14.03	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	3002294	14.41	ug/L	100
6) 1,2-Dichlorobenzene	10.35	146	2963581	16.00	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	5062719m	16.51	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2219356	15.73	ug/L	95
9) Hexachloroethane	11.26	117	840283	10.94	ug/L	96
11) Nitrobenzene	11.49	77	2929602	14.78	ug/L	96
12) Isophorone	12.20	82	6474520	18.14	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	3867525	16.35	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2345316	15.63	ug/L	100
15) Napthalene	13.49	128	9648903	17.58	ug/L	98
16) Hexachlorobutadiene	13.93	225	835828	11.89	ug/L	99
18) 2-Chloronaphthalene	16.93	162	5231637	18.53	ug/L	99
19) Dimethylphthalate	18.00	163	5884466	16.26	ug/L	99
20) 2,6-Dinitrotoluene	18.12	165	811032	14.26	ug/L #	87
21) Acenapthylene	18.13	152	8189314	15.69	ug/L	97
22) Acenapthalene	18.66	153	5415708	17.99	ug/L	98
23) 2,4-Dinitrotoluene	19.27	165	930553	11.56	ug/L	97
24) Diethylphthalate	20.14	149	5843817	18.58	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2859398	17.20	ug/L	99
26) Fluorene	20.20	166	6336521	18.41	ug/L	97
28) Azobenzene	20.78	77	6651664	16.02	ug/L	94
30) Nnitrosodiphenylamine	20.69	169	3430994	17.68	ug/L	95
31) 4-Bromophenyl-phenylether	21.76	248	1417619	18.15	ug/L	97
32) Hexachlorobenzene	21.79	284	1428048	19.10	ug/L	98
33) Phenanthrene	23.02	178	8589131	18.01	ug/L	97
34) Anthracene	23.17	178	7913841	16.22	ug/L	97
35) Di-n-butylphthalate	25.09	149	8712001	16.63	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF1.D Vial: 7
Acq On : 13 May 2002 4:22 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:45:18 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.54	202	8207298	16.78	ug/L	98
38)	Pyrene	27.17	202	8603931	18.78	ug/L	97
39)	Butylbenzylphthalate	29.53	149	2353061	11.53	ug/L	94
40)	Benzo(a)anthracene	30.79	228	5543566	15.20	ug/L	96
41)	Bis(2-ethylhexyl)phthalate	31.39	149	2590258	9.39	ug/L	99
42)	Chrysene	30.88	228	6486066m	17.18	ug/L	
44)	Di-n-octylphthalate	33.23	149	2050586m	6.65	ug/L	
45)	Benzo(b)fluoranthene	33.75	252	3795686	15.00	ug/L	97
46)	Benzo(k)fluoranthene	33.82	252	6135829	19.29	ug/L	99
47)	Benzo(a)pyrene	34.55	252	2868570m	11.35	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.39	276	1260424	7.12	ug/L	98
49)	Dibenz(a,h)anthracene	37.51	278	2222949m	11.80	ug/L	
50)	Benzo(g,h,i)perylene	38.13	276	3140308m	15.88	ug/L	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\506REF1.D Vial: 7
Acq On : 13 May 2002 4:22 pm Operator: Mclean
Sample : 5/9 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 14 11:46 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration