User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/02/2002 Time: 14:59:44

Sample: AE06338
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/2/02 14:51 Ended: 5/2/02 14:51 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		11.41		2.0
2	bis(2-Chloroethyl)ether		16.16		2.0
3	1,3-Dichlorobenzene		15.09		2.0
4	1,4-Dichlorobenzene		14.62		2.0
5	1,2-Dichlorobenzene		15.99		2.0
6	2,2-oxybis(1-Chloropropane)		16.34		2.0
7	n-Nitrosodi-n-propylamine		16.45		2.0
8	Hexachloroethane		11.95		2.0
9	Nitrobenzene		15.80		2.0
10	Isophorone		19.21		2.0
11	bis(2-Chloroethoxy)methane		16.82		2.0
12	1,2,4-Trichlorobenzene		15.50		2.0
13	Naphthalene		17.62		2.0
14	Hexachlorobutadiene		13.78		2.0
15	2-Chloronaphthalene		18.97		2.0
16	Dimethylphthalate		17.20		2.0
17	2,6-Dinitrotoluene		16.48		2.0
18	Acenaphthylene		17.31		2.0
19	Acenaphthene		18.37		2.0
20	2,4-Dinitrotoluene		14.44		2.0
21	Diethylphthalate		19.57		2.0
22	4-Chlorophenylphenylether		17.53		2.0
23	Fluorene		19.16		2.0
24	Azobenzene		16.60		2.0
25	n-Nitrosodiphenylamine		18.38		2.0
26	4-Bromophenylphenylether		18.41		2.0
27	Hexachlorobenzene		18.40		2.0
28	Phenanthrene		18.40		2.0
29	Anthracene		17.20		2.0
30	Di-n-butylphthalate		18.83		2.0
31	Fluoranthene		18.17		2.0
32	Pyrene		19.01		2.0
33	Butylbenzylphthalate		15.09		2.0
34	Benzo(a)anthracene		16.89		2.0
35	bis(2-Ethylhexyl)phthalate		17.24		2.0
36	Chrysene		18.47		2.0
37	Di-n-octylphthalate		11.14		2.0
38	Benzo(b)fluoranthene		18.18		2.0
39	Benzo(k)fluoranthene		18.95		2.0
40	Benzo(a)pyrene		13.64		2.0
41	Indeno(1,2,3-cd)pyrene		11.94		2.0
42	Dibenz(a,h)anthracene		14.92		2.0
43	Benzo(g,h,i)perylene		17.28		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/02/2002 Time: 14:59:39

Sample: AE06338
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/2/02 14:51 Ended: 5/2/02 14:51 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		57		2.0
2	bis(2-Chloroethyl)ether		81		2.0
3	1,3-Dichlorobenzene		75		2.0
4	1,4-Dichlorobenzene		73		2.0
5	1,2-Dichlorobenzene		80		2.0
6	2,2-oxybis(1-Chloropropane)		82		2.0
7	n-Nitrosodi-n-propylamine		82		2.0
8	Hexachloroethane		60		2.0
9	Nitrobenzene		79		2.0
10	Isophorone		96		2.0
11	bis(2-Chloroethoxy)methane		84		2.0
12	1,2,4-Trichlorobenzene		78		2.0
13	Naphthalene		88		2.0
14	Hexachlorobutadiene		69		2.0
15	2-Chloronaphthalene		95		2.0
16	Dimethylphthalate		86		2.0
17	2,6-Dinitrotoluene		82		2.0
18	Acenaphthylene		87		2.0
19	Acenaphthene		92		2.0
20	2,4-Dinitrotoluene		72		2.0
21	Diethylphthalate		98		2.0
22	4-Chlorophenylphenylether		88		2.0
23	Fluorene		96		2.0
24	Azobenzene		83		2.0
25	n-Nitrosodiphenylamine		92		2.0
26	4-Bromophenylphenylether		92		2.0
27	Hexachlorobenzene		92		2.0
28	Phenanthrene		92		2.0
29	Anthracene		86		2.0
30	Di-n-butylphthalate		94		2.0
31	Fluoranthene		91		2.0
32	Pyrene		95		2.0
33	Butylbenzylphthalate		75		2.0
34	Benzo(a)anthracene		84		2.0
35	bis(2-Ethylhexyl)phthalate		86		2.0
36	Chrysene		92		2.0
37	Di-n-octylphthalate		56		2.0
38	Benzo(b)fluoranthene		91		2.0
39	Benzo(k)fluoranthene		95		2.0
40	Benzo(a)pyrene		68		2.0
41	Indeno(1,2,3-cd)pyrene		60		2.0
42	Dibenz(a,h)anthracene		75		2.0
43	Benzo(g,h,i)perylene		86		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFA.D Vial: 11
Acq On : 1 May 2002 5:51 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 09:53:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 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	4033227	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	16334994	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.57	164	8835805	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	12930954	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	9729618	40.00	ug/L	-0.04
43) Perylene-d12	34.71	264	6921265	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.54	207	525251	7.53	ug/L	-0.02
Spiked Amount 10.000			Recovery = 75.30%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	903320m	11.41	ug/L	
3) bis(2-Chloroethyl)ether	9.35	93	2550605	16.16	ug/L	88
4) 1,3-Dichlorobenzene	9.77	146	2297675	15.09	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	2416309	14.62	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	2350054	15.99	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	3980345m	16.34	ug/L	
8) N-nitroso-di-propylamine	11.13	70	1841673	16.45	ug/L	94
9) Hexachloroethane	11.26	117	728157	11.95	ug/L	96
11) Nitrobenzene	11.49	77	2496927	15.80	ug/L	95
12) Isophorone	12.21	82	5469379	19.21	ug/L	100
13) bis(2-Chloroethoxy) methan	12.95	93	3169688	16.82	ug/L	98
14) 1,2,4-Trichlorobenzene	13.30	180	1855130	15.50	ug/L	99
15) Napthalene	13.49	128	7709578	17.62	ug/L	98
16) Hexachlorobutadiene	13.93	225	772841	13.78	ug/L	99
18) 2-Chloronaphthalene	16.93	162	4280235	18.97	ug/L	99
19) Dimethylphthalate	18.01	163	4972290	17.20	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	748787	16.48	ug/L	91
21) Acenapthylene	18.13	152	6803483	17.31	ug/L	97
22) Acenapthalene	18.66	153	4419137	18.37	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	927583	14.44	ug/L	93
24) Diethylphthalate	20.15	149	4919836	19.57	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	2329621	17.53	ug/L	99
26) Fluorene	20.20	166	5268343	19.16	ug/L	97
28) Azobenzene	20.78	77	5506132	16.60	ug/L	94
30) Nnitrosodiphenylamine	20.70	169	2912911	18.38	ug/L	93
31) 4-Bromophenyl-phenylether	21.77	248	1175591	18.41	ug/L	93
32) Hexachlorobenzene	21.80	284	1125223	18.40	ug/L	99
33) Phenanthrene	23.02	178	7173325	18.40	ug/L	98
34) Anthracene	23.17	178	6865488	17.20	ug/L	98
35) Di-n-butylphthalate	25.10	149	8064609	18.83	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFA.D Vial: 11
Acq On : 1 May 2002 5:51 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 09:53:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

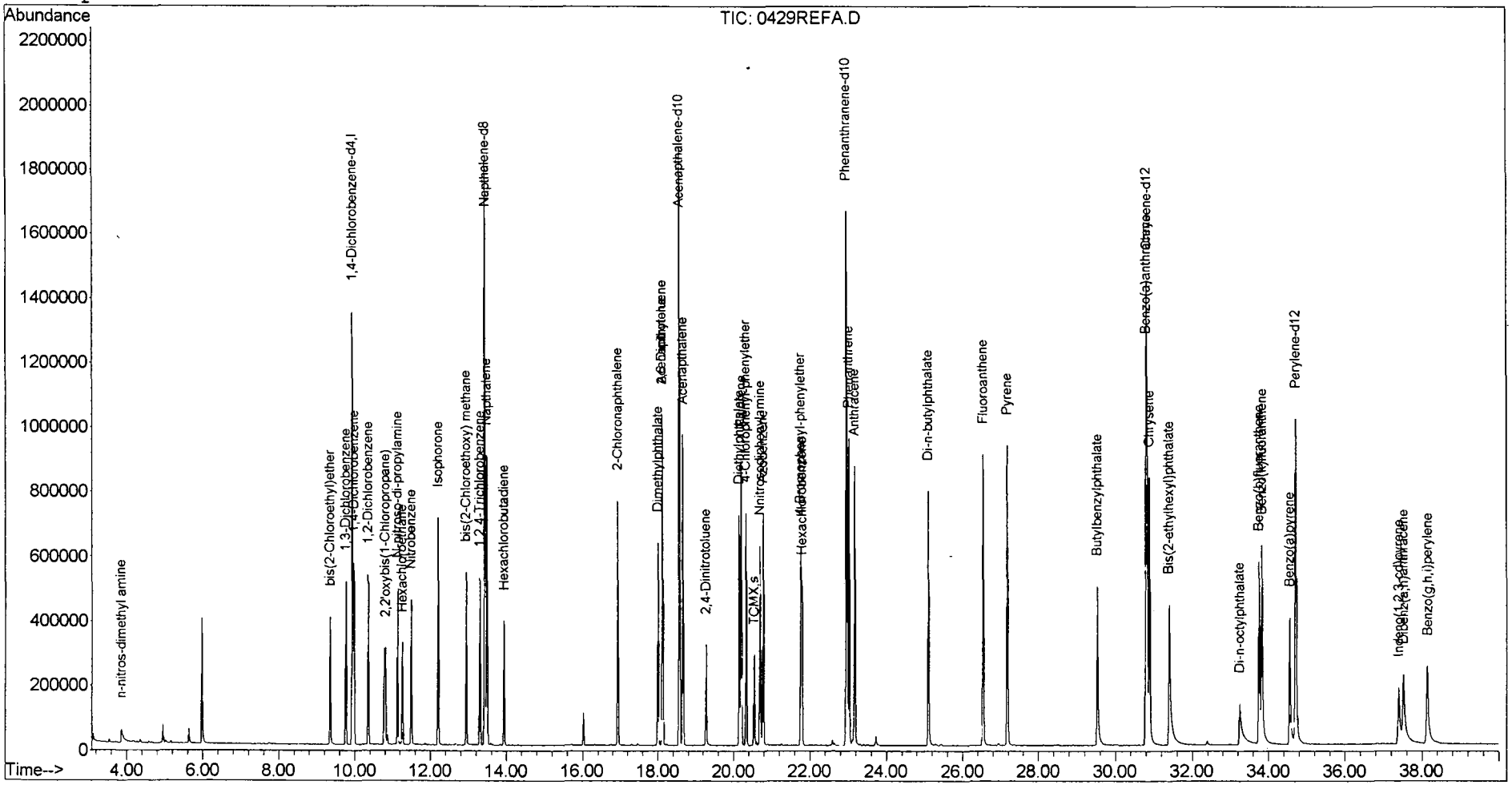
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	26.54	202	7265748	18.17 ug/L	99
38) Pyrene	27.18	202	7596430	19.01 ug/L	99
39) Butylbenzylphthalate	29.53	149	2686624	15.09 ug/L	97
40) Benzo(a)anthracene	30.79	228	5372702	16.89 ug/L	98
41) Bis(2-ethylhexyl)phthalate	31.40	149	4146936	17.24 ug/L	97
42) Chrysene	30.88	228	6071415m	18.47 ug/L	
44) Di-n-octylphthalate	33.25	149	3478703	11.14 ug/L	99
45) Benzo(b)fluoranthene	33.75	252	4558793	18.18 ug/L	96
46) Benzo(k)fluoranthene	33.83	252	5990083	18.95 ug/L	96
47) Benzo(a)pyrene	34.56	252	3366649	13.64 ug/L	97
48) Indeno(1,2,3-cd)pyrene	37.40	276	2093130	11.94 ug/L	100
49) Dibenz(a,h)anthracene	37.52	278	2781629	14.92 ug/L	100
50) Benzo(g,h,i)perylene	38.14	276	3338735	17.28 ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFA.D Vial: 11
Acq On : 1 May 2002 5:51 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 9:53 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFB.D Vial: 12
Acq On : 1 May 2002 6:40 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 09:54:07 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 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	4174682	40.00	ug/L		0.00
10) Napthalene-d8	13.44	136	16942754	40.00	ug/L		-0.01
17) Acenapthalene-d10	18.58	164	9095850	40.00	ug/L		0.00
29) Phenanthranene-d10	22.96	188	13456166	40.00	ug/L		0.00
37) Chrysene-d12	30.82	240	10485402	40.00	ug/L		-0.04
43) Perylene-d12	34.72	264	7694248	40.00	ug/L		-0.03
System Monitoring Compounds							
27) TCMX	20.54	207	543072	7.56	ug/L		-0.02
Spiked Amount 10.000			Recovery = 75.60%				
Target Compounds							Qvalue
2) n-nitros-dimethyl amine	3.85	74	913604m	11.15	ug/L		
3) bis(2-Chloroethyl)ether	9.35	93	2628691	16.09	ug/L		88
4) 1,3-Dichlorobenzene	9.77	146	2307521	14.64	ug/L		98
5) 1,4-Dichlorobenzene	9.98	146	2414825	14.12	ug/L		99
6) 1,2-Dichlorobenzene	10.36	146	2382666	15.67	ug/l		99
7) 2,2'oxybis(1-Chloropropane	10.81	45	4165557m	16.52	ug/L		
8) N-nitroso-di-propylamine	11.14	70	1932128	16.67	ug/L		97
9) Hexachloroethane	11.26	117	708262	11.23	ug/L		93
11) Nitrobenzene	11.50	77	2603744	15.88	ug/L		95
12) Isophorone	12.21	82	5664742	19.18	ug/L		97
13) bis(2-Chloroethoxy) methan	12.95	93	3257835	16.67	ug/L		99
14) 1,2,4-Trichlorobenzene	13.31	180	1856643	14.96	ug/L		97
15) Napthalene	13.49	128	7956521	17.53	ug/L		98
16) Hexachlorobutadiene	13.93	225	747989	12.86	ug/L		96
18) 2-Chloronaphthalene	16.93	162	4307945	18.55	ug/L		100
19) Dimethylphthalate	18.01	163	5106773	17.16	ug/L		100
20) 2,6-Dinitrotoluene	18.12	165	799080	17.09	ug/L	#	90
21) Acenapthylene	18.13	152	6923530	17.11	ug/L		97
22) Acenapthalene	18.66	153	4514337	18.23	ug/L		98
23) 2,4-Dinitrotoluene	19.28	165	985304	14.90	ug/L		94
24) Diethylphthalate	20.15	149	5053349	19.53	ug/L		98
25) 4-Chlorophenyl-phenylether	20.33	204	2376617	17.37	ug/L		99
26) Fluorene	20.20	166	5342984	18.87	ug/L		99
28) Azobenzene	20.78	77	5755342	16.85	ug/L		96
30) Nnitrosodiphenylamine	20.70	169	3031802	18.39	ug/L		93
31) 4-Bromophenyl-phenylether	21.77	248	1204166	18.12	ug/L		97
32) Hexachlorobenzene	21.80	284	1158818	18.21	ug/L		99
33) Phenanthrene	23.02	178	7437361	18.33	ug/L		97
34) Anthracene	23.17	178	7158939	17.24	ug/L		98
35) Di-n-butylphthalate	25.10	149	8509603	19.09	ug/L		100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFB.D Vial: 12
Acq On : 1 May 2002 6:40 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 09:54:07 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	26.54	202	7607342	18.28 ug/L	99
38)	Pyrene	27.18	202	8039965	18.67 ug/L	97
39)	Butylbenzylphthalate	29.53	149	2990092	15.59 ug/L	97
40)	Benzo(a)anthracene	30.79	228	5840581	17.03 ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.40	149	4863202	18.76 ug/L	97
42)	Chrysene	30.88	228	6577563m	18.57 ug/L	
44)	Di-n-octylphthalate	33.25	149	4343353	12.51 ug/L	98
45)	Benzo(b)fluoranthene	33.75	252	5177374	18.58 ug/L	97
46)	Benzo(k)fluoranthene	33.83	252	6514659	18.54 ug/L	98
47)	Benzo(a)pyrene	34.56	252	3820274	13.92 ug/L	98
48)	Indeno(1,2,3-cd)pyrene	37.40	276	2592894	13.30 ug/L	99
49)	Dibenz(a,h)anthracene	37.52	278	3451490	16.65 ug/L	99
50)	Benzo(g,h,i)perylene	38.14	276	3900143	18.16 ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\0429REFB.D Vial: 12
Acq On : 1 May 2002 6:40 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 9:54 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 09:38:23 2002
Response via : Initial Calibration