User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 11:10:32

Sample: AE12326
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/4/02 09:29 Ended: 6/4/02 09:29 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.39		2.0
2	bis(2-Chloroethyl)ether		13.05		2.0
3	1,3-Dichlorobenzene		11.89		2.0
4	1,4-Dichlorobenzene		11.55		2.0
5	1,2-Dichlorobenzene		12.82		2.0
6	2,2-oxybis(1-Chloropropane)		13.95		2.0
7	n-Nitrosodi-n-propylamine		14.51		2.0
8	Hexachloroethane		9.18		2.0
9	Nitrobenzene		13.01		2.0
10	Isophorone		16.44		2.0
11	bis(2-Chloroethoxy)methane		13.99		2.0
12	1,2,4-Trichlorobenzene		12.42		2.0
13	Naphthalene		14.53		2.0
14	Hexachlorobutadiene		9.51		2.0
15	2-Chloronaphthalene		15.79		2.0
16	Dimethylphthalate		15.23		2.0
17	2,6-Dinitrotoluene		14.61		2.0
18	Acenaphthylene		14.53		2.0
19	Acenaphthene		15.58		2.0
20	2,4-Dinitrotoluene		15.06		2.0
21	Diethylphthalate		16.39		2.0
22	4-Chlorophenylphenylether		14.82		2.0
23	Fluorene		15.97		2.0
24	Azobenzene		15.44		2.0
25	n-Nitrosodiphenylamine		18.96		2.0
26	4-Bromophenylphenylether		15.06		2.0
27	Hexachlorobenzene		15.62		2.0
28	Phenanthrene		15.89		2.0
29	Anthracene		14.71		2.0
30	Di-n-butylphthalate		16.73		2.0
31	Fluoranthene		14.34		2.0
32	Pyrene		17.76		2.0
33	Butylbenzylphthalate		11.15		2.0
34	Benzo(a)anthracene		15.00		2.0
35	bis(2-Ethylhexyl)phthalate		8.82		2.0
36	Chrysene		15.22		2.0
37	Di-n-octylphthalate		6.10		2.0
38	Benzo(b)fluoranthene		13.29		2.0
39	Benzo(k)fluoranthene		16.71		2.0
40	Benzo(a)pyrene		10.13		2.0
41	Indeno(1,2,3-cd)pyrene		9.00		2.0
42	Dibenz(a,h)anthracene		12.94		2.0
43	Benzo(g,h,i)perylene		14.30		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 11:10:27

Sample: AE12326
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/4/02 09:29 Ended: 6/4/02 09:29 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		37		2.0
2	bis(2-Chloroethyl)ether		65		2.0
3	1,3-Dichlorobenzene		59		2.0
4	1,4-Dichlorobenzene		58		2.0
5	1,2-Dichlorobenzene		64		2.0
6	2,2-oxybis(1-Chloropropane)		70		2.0
7	n-Nitrosodi-n-propylamine		73		2.0
8	Hexachloroethane		46		2.0
9	Nitrobenzene		65		2.0
10	Isophorone		82		2.0
11	bis(2-Chloroethoxy)methane		70		2.0
12	1,2,4-Trichlorobenzene		62		2.0
13	Naphthalene		73		2.0
14	Hexachlorobutadiene		48		2.0
15	2-Chloronaphthalene		79		2.0
16	Dimethylphthalate		76		2.0
17	2,6-Dinitrotoluene		73		2.0
18	Acenaphthylene		73		2.0
19	Acenaphthene		78		2.0
20	2,4-Dinitrotoluene		75		2.0
21	Diethylphthalate		82		2.0
22	4-Chlorophenylphenylether		74		2.0
23	Fluorene		80		2.0
24	Azobenzene		77		2.0
25	n-Nitrosodiphenylamine		95		2.0
26	4-Bromophenylphenylether		75		2.0
27	Hexachlorobenzene		78		2.0
28	Phenanthrene		79		2.0
29	Anthracene		74		2.0
30	Di-n-butylphthalate		84		2.0
31	Fluoranthene		72		2.0
32	Pyrene		89		2.0
33					
34	Benzo(a)anthracene		75		2.0
35					
36	Chrysene		76		2.0
37					
38	Benzo(b)fluoranthene		66		2.0
39	Benzo(k)fluoranthene		84		2.0
40	Benzo(a)pyrene		51		2.0
41	Indeno(1,2,3-cd)pyrene		45		2.0
42	Dibenz(a,h)anthracene		65		2.0
43	Benzo(g,h,i)perylene		72		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REFA1.D Vial: 15
Acq On : 29 May 2002 9:30 pm Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:28:31 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4780513	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	19343808	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10648179	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	16116149	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10718784	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	6456327	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	2025896	33.02	ug/L	-0.01
Spiked Amount 40.000			Recovery = 82.55%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.88	74	659712m	7.39	ug/L	
3) bis(2-Chloroethyl)ether	9.31	93	2310714	13.05	ug/L	100
4) 1,3-Dichlorobenzene	9.73	146	2121777	11.89	ug/L	100
5) 1,4-Dichlorobenzene	9.94	146	2239460	11.55	ug/L	99
6) 1,2-Dichlorobenzene	10.32	146	2187486	12.82	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.77	45	3784762m	13.95	ug/L	
8) N-nitroso-di-propylamine	11.10	70	1671896	14.51	ug/L	95
9) Hexachloroethane	11.22	117	644967	9.18	ug/L	94
11) Nitrobenzene	11.45	77	2210084	13.01	ug/L	98
12) Isophorone	12.17	82	5057294	16.44	ug/L	99
13) bis(2-Chloroethoxy) methan	12.90	93	3015228	13.99	ug/L	99
14) 1,2,4-Trichlorobenzene	13.26	180	1814833	12.42	ug/L	99
15) Napthalene	13.45	128	7410963	14.53	ug/L	100
16) Hexachlorobutadiene	13.89	225	663223	9.51	ug/L	98
18) 2-Chloronaphthalene	16.89	162	4306912	15.79	ug/L	99
19) Dimethylphthalate	17.97	163	5096296	15.23	ug/L	99
20) 2,6-Dinitrotoluene	18.07	165	785433	14.61	ug/L	97
21) Acenapthylene	18.08	152	6610630	14.53	ug/L	99
22) Acenapthalene	18.62	153	4474189	15.58	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	1058764	15.06	ug/L	93
24) Diethylphthalate	20.10	149	5124664	16.39	ug/L	98
25) 4-Chlorophenyl-phenylether	20.29	204	2473208	14.82	ug/L	98
26) Fluorene	20.16	166	5407730	15.97	ug/L	98
28) Azobenzene	20.74	77	5686978	15.44	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3083936	18.96	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1242872	15.06	ug/L	97
32) Hexachlorobenzene	21.75	284	1253068	15.62	ug/L	98
33) Phenanthrene	22.97	178	7703529	15.89	ug/L	98
34) Anthracene	23.12	178	7018480	14.71	ug/L	98
35) Di-n-butylphthalate	25.05	149	8055785	16.73	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REFA1.D Vial: 15
Acq On : 29 May 2002 9:30 pm Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:28:31 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	7302631	14.34	ug/L	98
38)	Pyrene	27.13	202	7560557	17.76	ug/L	99
39)	Butylbenzylphthalate	29.48	149	2030965	11.15	ug/L	99
40)	Benzo(a)anthracene	30.74	228	4821027	15.00	ug/L	100
41)	Bis(2-ethylhexyl)phthalate	31.34	149	2089961	8.82	ug/L	98
42)	Chrysene	30.83	228	5619268m	15.22	ug/L	
44)	Di-n-octylphthalate	33.19	149	1699392	6.10	ug/L	97
45)	Benzo(b)fluoranthene	33.70	252	3406859	13.29	ug/L	99
46)	Benzo(k)fluoranthene	33.77	252	4798311	16.71	ug/L	98
47)	Benzo(a)pyrene	34.50	252	2323023	10.13	ug/L	98
48)	Indeno(1,2,3-cd)pyrene	37.32	276	1375893	9.00	ug/L	95
49)	Dibenz(a,h)anthracene	37.44	278	2175466	12.94	ug/L	99
50)	Benzo(g,h,i)perylene	38.06	276	2552534	14.30	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\REFA1.D Vial: 15
Acq On : 29 May 2002 9:30 pm Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 11:28 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration