User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/11/2002 Time: 09:37:25

Sample: AE11933
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/11/02 09:22 Ended: 6/11/02 09:22 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		6.88		2.0
2	bis(2-Chloroethyl)ether		13.72		2.0
3	1,3-Dichlorobenzene		11.78		2.0
4	1,4-Dichlorobenzene		11.45		2.0
5	1,2-Dichlorobenzene		12.80		2.0
6	2,2-oxybis(1-Chloropropane)		13.91		2.0
7	n-Nitrosodi-n-propylamine		13.88		2.0
8	Hexachloroethane		9.00		2.0
9	Nitrobenzene		12.88		2.0
10	Isophorone		15.83		2.0
11	bis(2-Chloroethoxy)methane		14.17		2.0
12	1,2,4-Trichlorobenzene		12.90		2.0
13	Naphthalene		15.15		2.0
14	Hexachlorobutadiene		14.17		2.0
15	2-Chloronaphthalene		12.90		2.0
16	Dimethylphthalate		15.15		2.0
17	2,6-Dinitrotoluene		10.58		2.0
18	Acenaphthylene		16.61		2.0
19	Acenaphthene		15.62		2.0
20	2,4-Dinitrotoluene		15.66		2.0
21	Diethylphthalate		15.25		2.0
22	4-Chlorophenylphenylether		16.39		2.0
23	Fluorene		17.50		2.0
24	Azobenzene		18.28		2.0
25	n-Nitrosodiphenylamine		16.88		2.0
26	4-Bromophenylphenylether		15.98		2.0
27	Hexachlorobenzene		16.70		2.0
28	Phenanthrene		16.84		2.0
29	Anthracene		15.89		2.0
30	Di-n-butylphthalate		14.30		2.0
31	Fluoranthene		16.52		2.0
32	Pyrene		16.32		2.0
33	Butylbenzylphthalate		17.83		2.0
34	Benzo(a)anthracene		14.48		2.0
35	bis(2-Ethylhexyl)phthalate		18.47		2.0
36	Chrysene		16.33		2.0
37	Di-n-octylphthalate		17.84		2.0
38	Benzo(b)fluoranthene		13.18		2.0
39	Benzo(k)fluoranthene		16.84		2.0
40	Benzo(a)pyrene		11.77		2.0
41	Indeno(1,2,3-cd)pyrene		6.28		2.0
42	Dibenz(a,h)anthracene		9.12		2.0
43	Benzo(g,h,i)perylene		10.93		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/11/2002 Time: 09:37:21

Sample: AE11933
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/11/02 09:22 Ended: 6/11/02 09:22 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		34		2.0
2	bis(2-Chloroethyl)ether		69		2.0
3	1,3-Dichlorobenzene		59		2.0
4	1,4-Dichlorobenzene		57		2.0
5	1,2-Dichlorobenzene		64		2.0
6	2,2-oxybis(1-Chloropropane)		70		2.0
7	n-Nitrosodi-n-propylamine		69		2.0
8	Hexachloroethane		45		2.0
9	Nitrobenzene		64		2.0
10	Isophorone		79		2.0
11	bis(2-Chloroethoxy)methane		71		2.0
12	1,2,4-Trichlorobenzene		64		2.0
13	Naphthalene		76		2.0
14	Hexachlorobutadiene		71		2.0
15	2-Chloronaphthalene		64		2.0
16	Dimethylphthalate		76		2.0
17	2,6-Dinitrotoluene		53		2.0
18	Acenaphthylene		83		2.0
19	Acenaphthene		78		2.0
20	2,4-Dinitrotoluene		78		2.0
21	Diethylphthalate		76		2.0
22	4-Chlorophenylphenylether		82		2.0
23	Fluorene		88		2.0
24	Azobenzene		91		2.0
25	n-Nitrosodiphenylamine		84		2.0
26	4-Bromophenylphenylether		80		2.0
27	Hexachlorobenzene		84		2.0
28	Phenanthrene		84		2.0
29	Anthracene		79		2.0
30	Di-n-butylphthalate		72		2.0
31	Fluoranthene		83		2.0
32	Pyrene		82		2.0
33	Butylbenzylphthalate		89		2.0
34	Benzo(a)anthracene		72		2.0
35	bis(2-Ethylhexyl)phthalate		92		2.0
36	Chrysene		82		2.0
37	Di-n-octylphthalate		89		2.0
38	Benzo(b)fluoranthene		66		2.0
39	Benzo(k)fluoranthene		84		2.0
40	Benzo(a)pyrene		59		2.0
41					
42					
43	Benzo(g,h,i)perylene		55		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0610022\REF2.D Vial: 9
Acq On : 10 Jun 2002 5:32 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 08:17:10 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 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	5748416	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	23229974	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	12819761	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	19564848	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	12847561	40.00	ug/L	0.00
43) Perylene-d12	34.66	264	7510078	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2563387	27.87	ug/L	0.00
Spiked Amount 40.000			Recovery = 69.67%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	743435	6.88	ug/L #	83
3) bis(2-Chloroethyl)ether	9.31	93	2893139	13.72	ug/L	97
4) 1,3-Dichlorobenzene	9.73	146	2463987	11.78	ug/L	98
5) 1,4-Dichlorobenzene	9.94	146	2599023	11.45	ug/L	100
6) 1,2-Dichlorobenzene	10.32	146	2567409	12.80	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.76	45	4649948m	13.91	ug/L	
8) N-nitroso-di-propylamine	11.09	70	2055416	13.88	ug/L	96
9) Hexachloroethane	11.22	117	776174	9.00	ug/L	98
11) Nitrobenzene	11.45	77	2809638	12.88	ug/L	98
12) Isophorone	12.17	82	6222906	15.83	ug/L	99
13) bis(2-Chloroethoxy) methan	12.90	93	3699357	14.17	ug/L	99
14) 1,2,4-Trichlorobenzene	13.26	180	2192263	12.90	ug/L	100
15) Napthalene	13.45	128	8997584	15.15	ug/L	99
16) Hexachlorobutadiene	13.89	225	848134	10.58	ug/L	97
18) 2-Chloronaphthalene	16.89	162	5251355	16.61	ug/L	99
19) Dimethylphthalate	17.96	163	6344201	15.62	ug/L	100
20) 2,6-Dinitrotoluene	18.08	165	1020558	15.66	ug/L	92
21) Acenapthylene	18.08	152	8155926	15.25	ug/L	98
22) Acenapthalene	18.62	153	5482177	16.39	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	1413914	17.50	ug/L	94
24) Diethylphthalate	20.10	149	6417291	18.28	ug/L	98
25) 4-Chlorophenyl-phenylether	20.29	204	3043515	15.84	ug/L	98
26) Fluorene	20.16	166	6705025	17.14	ug/L	99
28) Azobenzene	20.74	77	6914669	15.04	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3790110	16.88	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1542772	15.98	ug/L	98
32) Hexachlorobenzene	21.75	284	1542783	16.70	ug/L	99
33) Phenanthrene	22.97	178	9462150	16.84	ug/L	99
34) Anthracene	23.12	178	9155559	15.89	ug/L	99
35) Di-n-butylphthalate	25.05	149	9834369	14.30	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0610022\REF2.D Vial: 9
Acq On : 10 Jun 2002 5:32 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 08:17:10 2002 Quant Results File: Q60302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	9068114	16.52	ug/L	99
38)	Pyrene	27.13	202	9315287	16.32	ug/L	99
39)	Butylbenzylphthalate	29.48	149	2630178	17.83	ug/L	96
40)	Benzo(a)anthracene	30.74	228	5826755	14.48	ug/L	98
41)	Bis(2-ethylhexyl)phthalate	31.34	149	2977521	18.47	ug/L	98
42)	Chrysene	30.83	228	6980103m	16.33	ug/L	
44)	Di-n-octylphthalate	33.18	149	2077678	17.84	ug/L	98
45)	Benzo(b)fluoranthene	33.70	252	3882243	13.18	ug/L	99
46)	Benzo(k)fluoranthene	33.77	252	5954487	16.84	ug/L	99
47)	Benzo(a)pyrene	34.50	252	3310186m	11.77	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.32	276	1191838	6.28	ug/L	98
49)	Dibenz(a,h)anthracene	37.44	278	1901508	9.12	ug/L	99
50)	Benzo(g,h,i)perylene	38.06	276	2434080	10.93	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0610022\REF2.D Vial: 9
Acq On : 10 Jun 2002 5:32 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 8:19 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 2002
Response via : Initial Calibration