User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 15:27:50

Sample: AE03253
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/2/02 15:18 Ended: 4/2/02 15:18 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		2.99		2.0
2	bis(2-Chloroethyl)ether		5.44		2.0
3	1,3-Dichlorobenzene		4.15		2.0
4	1,4-Dichlorobenzene		4.25		2.0
5	1,2-Dichlorobenzene		4.70		2.0
6	2,2-oxybis(1-Chloropropane)		5.18		2.0
7	n-Nitrosodi-n-propylamine		5.33		2.0
8	Hexachloroethane		3.29		2.0
9	Nitrobenzene		4.40		2.0
10	Isophorone		5.21		2.0
11	bis(2-Chloroethoxy)methane		5.03		2.0
12	1,2,4-Trichlorobenzene		4.47		2.0
13	Naphthalene		5.25		2.0
14	Hexachlorobutadiene		2.84		2.0
15	2-Chloronaphthalene		4.82		2.0
16	Dimethylphthalate		5.97		2.0
17	2,6-Dinitrotoluene		5.04		2.0
18	Acenaphthylene		5.54		2.0
19	Acenaphthene		5.60		2.0
20	2,4-Dinitrotoluene		4.79		2.0
21	Diethylphthalate		6.44		2.0
22	4-Chlorophenylphenylether		5.82		2.0
23	Fluorene		6.31		2.0
24	Azobenzene/1,2-Diphenylhydraz		5.21		2.0
25	n-Nitrosodiphenylamine		4.97		2.0
26	4-Bromophenylphenylether		6.54		2.0
27	Hexachlorobenzene		6.62		2.0
28	Phenanthrene		6.46		2.0
29	Anthracene		6.07		2.0
30	Di-n-butylphthalate		6.81		2.0
31	Fluoranthene		6.41		2.0
32	Pyrene		6.17		2.0
33	Butylbenzylphthalate		5.32		2.0
34	Benzo(a)anthracene		6.02		2.0
35	bis(2-Ethylhexyl)phthalate		5.98		2.0
36	Chrysene		6.47		2.0
37	Di-n-octylphthalate		5.61		2.0
38	Benzo(b)fluoranthene		6.47		2.0
39	Benzo(k)fluoranthene		6.88		2.0
40	Benzo(a)pyrene		5.46		2.0
41	Indeno(1,2,3-cd)pyrene		4.83		2.0
42	Dibenz(a,h)anthracene		5.47		2.0
43	Benzo(g,h,i)perylene		5.47		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 15:27:37

Sample: AE03253
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/2/02 15:18 Ended: 4/2/02 15:18 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		30		2.0
2	bis(2-Chloroethyl)ether		54		2.0
3	1,3-Dichlorobenzene		42		2.0
4	1,4-Dichlorobenzene		42		2.0
5	1,2-Dichlorobenzene		47		2.0
6	2,2'-oxybis(1-Chloropropane)	LSPEC	52		
7	N-Nitroso-di-n-propylamine	LSPEC	53		2.0
8	Hexachloroethane		33		2.0
9	Nitrobenzene		44		2.0
10	Isophorone	LSPEC	51		
11	bis(2-Chloroethoxy)methane		50		2.0
12	1,2,4-Trichlorobenzene		45		2.0
13	Naphthalene		52		2.0
14	Hexachlorobutadiene		28		2.0
15	2-Chloronaphthalene		48		2.0
16	Dimethylphthalate	LSPEC	50		2.0
17	2,6-Dinitrotoluene		50		2.0
18	Acenaphthylene	LSPEC	50		
19	Acenaphthene	LSPEC	50		2.0
20	2,4-Dinitrotoluene		48		2.0
21	Diethylphthalate	LSPEC	50		2.0
22	4-Chlorophenylphenylether		58		2.0
23	Fluorene		63		2.0
24	Azobenzene(1,2-Diphenylhydrazine)	LSPEC	52		2.0
25	n-Nitrosodiphenylamine		50		2.0
26	4-Bromophenylphenylether		65		2.0
27	Hexachlorobenzene		66		2.0
28	Phenanthrene		65		2.0
29	Anthracene		61		2.0
30	Di-n-butylphthalate		68		2.0
31	Fluoranthene		64		2.0
32	Pyrene	LSPEC	57		
33	Butylbenzylphthalate	LSPEC	63		2.0
34	Benzo(a)anthracene		60		2.0
35	Bis(2-Ethylhexyl)phthalate	LSPEC	60		
36	Chrysene		65		2.0
37	Di-n-octylphthalate		56		2.0
38	Benzo(b)fluoranthene		65		2.0
39	Benzo(k)fluoranthene		69		2.0
40	Benzo(a)pyrene		55		2.0
41	Indeno(1,2,3-cd)pyrene		48		2.0
42	Dibenz(a,h)anthracene		55		2.0
43	Benzo(g,h,i)perylene		55		2.0

11/9306

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\0213REFA.D Vial: 17
Acq On : 2 Mar 2002 2:16 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:06:08 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1859553	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4578906	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2509496	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	3816758	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	3446974	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	2244955	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	236430	3.90	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.63	74	163104	2.90	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	479353	5.44	ug/L	82
4) 1,3 - Dichlorobenze	9.41	146	325713	3.92	ug/L	100
5) 1,4 - Dichlorobenzene	9.62	146	336607	4.07	ug/L	99
6) 1,2 - Dichlorobenzene	10.00	146	334364	4.37	ug/L	96
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	1062465	4.99	ug/L	99
8) N-Nitroso-di-n-propylamine	10.79	70	339616	5.03	ug/L	97
9) Hexachloroethane	10.89	117	100015	2.99	ug/L	100
11) Nitrobenzene	11.13	77	458690	4.30	ug/L	92
12) Isophorone	11.84	82	969746	4.98	ug/L	99
13) bis(2-Chloroethoxy) methan	12.58	93	594078	5.03	ug/L	98
14) 1,2,4-Trichlorobenzene	12.93	180	281640	4.32	ug/L	98
15) Naphthalene	13.11	128	1252648	5.20	ug/L	100
16) Hexachlorobutadiene	13.56	225	96925	2.68	ug/L	99
18) Hexachlorocyclopentadiene	15.64	237	9738	0.40	ug/L	94
19) 2-chloronaphthalene	16.54	162	690687	4.82	ug/L	98
20) Dimethylphthalate	17.62	163	1021123	5.97	ug/L	98
21) 2,6-Dinitrotoluene	17.72	165	175983	5.04	ug/L	92
22) Acenaphthylene	17.72	152	1091424	5.54	ug/L	99
23) Acenaphthene	18.25	153	766924	5.60	ug/L	99
24) 2,4-Dinitrotoluene	18.88	165	239907	4.79	ug/L	93
25) Diethylphthalate	19.75	149	940755	6.42	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.92	204	443703	5.82	ug/L	99
27) Fluorene	19.78	166	981320	6.29	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.36	77	1162362	5.19	ug/L	100
30) N-Nitrosodiphenylamine	20.28	169	506013	4.97	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.34	248	263440	6.54	ug/L	98
32) Hexachlorobenzene	21.37	284	274497	6.62	ug/L	97
33) Phenanthrene	22.59	178	1429886	6.46	ug/L	99
34) Anthracene	22.73	178	1288454	6.07	ug/L	99
35) Di-n-butylphthalate	24.67	149	1741218	6.81	ug/L	99
36) Fluoranthene	26.09	202	1631237	6.41	ug/L	99
39) Pyrene	26.71	202	1729321	6.17	ug/L	96
40) Butylbenzylphthalate	29.07	149	638961	5.32	ug/L	99
41) Benzo (a) antracene	30.30	228	1361809	6.02	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.94	149	935440	5.98	ug/L	97
43) Chrysene	30.40	228	1426049	6.47	ug/L	99
45) Di-n-Octylphthalate	32.78	149	1291527	5.61	ug/L	100
46) Benzo (b) fluoranthene	33.25	252	1214984	6.47	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\0213REFA.D Vial: 17
Acq On : 2 Mar 2002 2:16 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:06:08 2002 Quant Results File: 5080202.RES

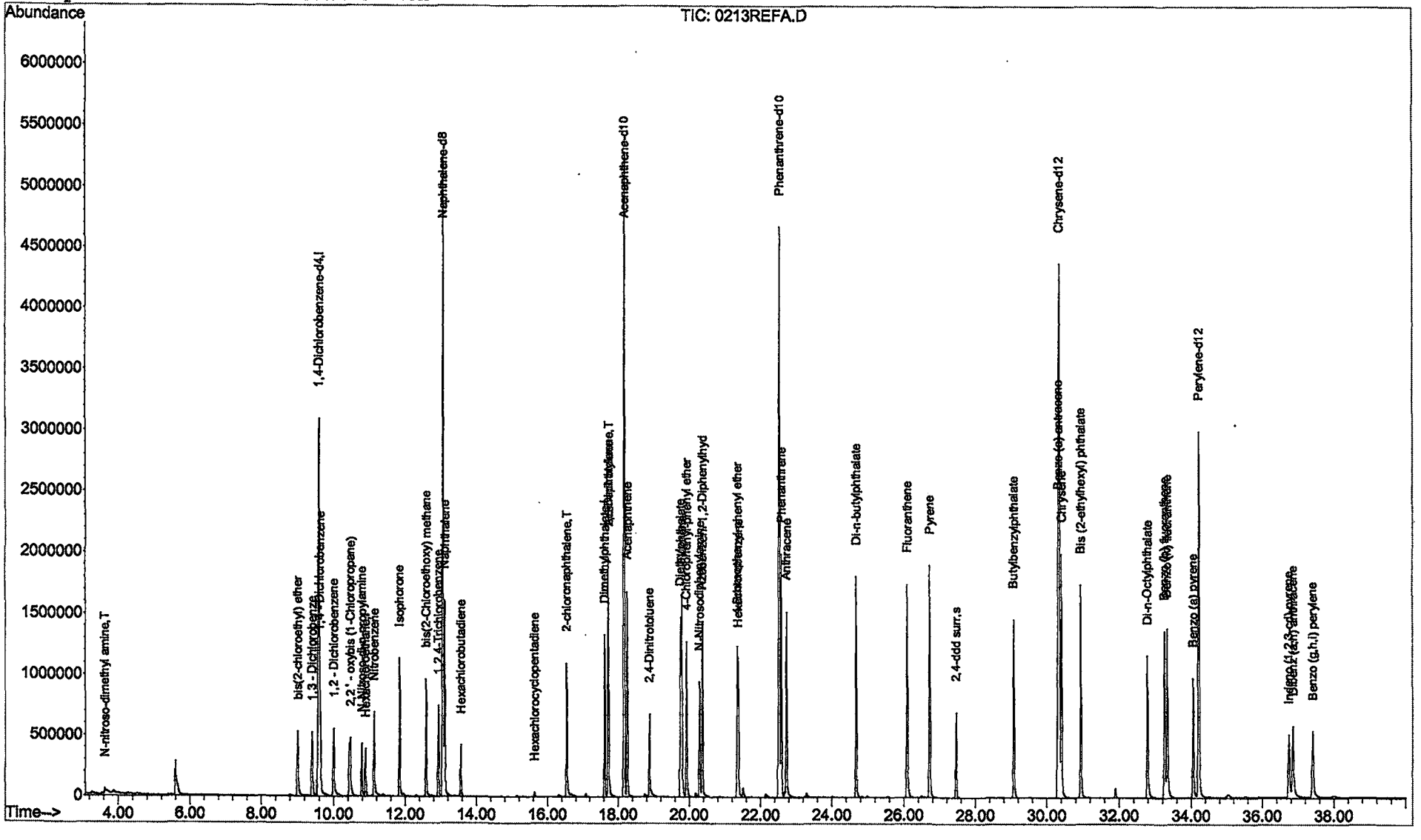
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.33	252	1314862	6.88	ug/L	99
48) Benzo (a) pyrene	34.05	252	907138	5.46	ug/L	100
49) Indeno (1,2,3-cd) pyrene	36.74	276	580867	4.83	ug/L	99
50) Dibenz (a,h) anthracene	36.85	278	661110	5.47	ug/L	99
51) Benzo (g,h,i) perylene	37.41	276	662687	5.47	ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\022802\0213REFA.D Vial: 17
Acq On : 2 Mar 2002 2:16 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 2 12:06 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\0213REBA.D Vial: 18
Acq On : 2 Mar 2002 3:05 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:05:29 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1761362	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4452725	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2480091	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3860985	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	3466973	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	2311659	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	231889	3.78	ug/L	0.00
Spiked Amount 5.000			Recovery = 75.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.62	74	159032	2.99	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	452862	5.43	ug/L	84
4) 1,3 - Dichlorobenze	9.41	146	326430	4.15	ug/L	99
5) 1,4 - Dichlorobenzene	9.62	146	332849	4.25	ug/L	99
6) 1,2 - Dichlorobenzene	9.99	146	340352	4.70	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	1044663	5.18	ug/L	99
8) N-Nitroso-di-n-propylamine	10.79	70	340826	5.33	ug/L	96
9) Hexachloroethane	10.89	117	104205	3.29	ug/L	100
11) Nitrobenzene	11.13	77	456319	4.40	ug/L	96
12) Isophorone	11.84	82	986419	5.21	ug/L	99
13) bis(2-Chloroethoxy) methan	12.58	93	564168	4.92	ug/L	99
14) 1,2,4-Trichlorobenzene	12.93	180	283068	4.47	ug/L	99
15) Naphthalene	13.11	128	1229192	5.25	ug/L	98
16) Hexachlorobutadiene	13.56	225	99790	2.84	ug/L	97
18) Hexachlorocyclopentadiene	15.64	237	10092	0.42	ug/L	92
19) 2-chloronaphthalene	16.54	162	663858	4.68	ug/L	98
20) Dimethylphthalate	17.62	163	989618	5.85	ug/L	98
21) 2,6-Dinitrotoluene	17.72	165	168384	4.88	ug/L	99
22) Acenaphthylene	17.72	152	1078633	5.54	ug/L	99
23) Acenaphthene	18.25	153	753537	5.57	ug/L	99
24) 2,4-Dinitrotoluene	18.88	165	224301	4.53	ug/L	95
25) Diethylphthalate	19.75	149	933116	6.44	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.92	204	437239	5.81	ug/L	97
27) Fluorene	19.78	166	972926	6.31	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.36	77	1153750	5.21	ug/L	99
30) N-Nitrosodiphenylamine	20.28	169	479561	4.65	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.34	248	255357	6.26	ug/L	99
32) Hexachlorobenzene	21.37	284	265604	6.33	ug/L	96
33) Phenanthrene	22.59	178	1388686	6.20	ug/L	100
34) Anthracene	22.73	178	1266986	5.90	ug/L	100
35) Di-n-butylphthalate	24.67	149	1693374	6.55	ug/L	99
36) Fluoranthene	26.09	202	1608242	6.24	ug/L	99
39) Pyrene	26.71	202	1673952	5.94	ug/L	96
40) Butylbenzylphthalate	29.07	149	621496	5.15	ug/L	94
41) Benzo (a) antracene	30.30	228	1307404	5.75	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.94	149	899322	5.72	ug/L	95
43) Chrysene	30.40	228	1382943	6.24	ug/L	98
45) Di-n-Octylphthalate	32.78	149	1258740	5.31	ug/L	99
46) Benzo (b) fluoranthene	33.25	252	1176175	6.08	ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\022802\0213REBA.D Vial: 18
Acq On : 2 Mar 2002 3:05 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 2 12:05 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration