User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 10:38:23

Sample: AE01639
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/21/02 10:30 Ended: 3/21/02 10:30 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.39		2.0
2	bis(2-Chloroethyl)ether		8.53		2.0
3	1,3-Dichlorobenzene		5.72		2.0
4	1,4-Dichlorobenzene		6.35		2.0
5	1,2-Dichlorobenzene		6.93		2.0
6	2,2-oxybis(1-Chloropropane)		9.03		2.0
7	n-Nitrosodi-n-propylamine		8.32		2.0
8	Hexachloroethane		4.90		2.0
9	Nitrobenzene		6.71		2.0
10	Isophorone		9.30		2.0
11	bis(2-Chloroethoxy)methane		7.43		2.0
12	1,2,4-Trichlorobenzene		6.53		2.0
13	Naphthalene		8.08		2.0
14	Hexachlorobutadiene		4.41		2.0
15	2-Chloronaphthalene		2.09		2.0
16	Dimethylphthalate		10.18		2.0
17	2,6-Dinitrotoluene		7.90		2.0
18	Acenaphthylene		9.38		2.0
19	Acenaphthene		9.36		2.0
20	2,4-Dinitrotoluene		7.81		2.0
21	Diethylphthalate		11.32		2.0
22	4-Chlorophenylphenylether		9.64		2.0
23	Fluorene		10.35		2.0
24	Azobenzene/1,2-Diphenylhydraz		8.99		2.0
25	n-Nitrosodiphenylamine		5.86		2.0
26	4-Bromophenylphenylether		10.29		2.0
27	Hexachlorobenzene		10.19		2.0
28	Phenanthrene		10.53		2.0
29	Anthracene		9.83		2.0
30	Di-n-butylphthalate		11.14		2.0
31	Fluoranthene		10.90		2.0
32	Pyrene		9.77		2.0
33	Butylbenzylphthalate		9.31		2.0
34	Benzo(a)anthracene		9.71		2.0
35	bis(2-Ethylhexyl)phthalate		9.12		2.0
36	Chrysene		11.13		2.0
37	Di-n-octylphthalate		8.21		2.0
38	Benzo(b)fluoranthene		10.69		2.0
39	Benzo(k)fluoranthene		11.63		2.0
40	Benzo(a)pyrene		8.96		2.0
41	Indeno(1,2,3-cd)pyrene		7.61		2.0
42	Dibenz(a,h)anthracene		9.42		2.0
43	Benzo(g,h,i)perylene		10.41		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 10:38:29

Sample: AE01639
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/21/02 10:30 Ended: 3/21/02 10:30 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		44		2.0
2	[illegible]				
3	[illegible]				
4	[illegible]				
5	[illegible]				
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		83		2.0
8	[illegible]				
9	Nitrobenzene		67		2.0
10	Isophorone		93		2.0
11	bis(2-Chloroethoxy)methane		74		2.0
12	1,2,4-Trichlorobenzene		65		2.0
13	Naphthalene		81		2.0
14	Hexachlorobutadiene		44		2.0
15	[illegible]				
16	[illegible]				
17	[illegible]				
18	[illegible]				
19	[illegible]				
20	[illegible]				
21	[illegible]				
22	[illegible]				
23	[illegible]				
24	Azobenzene/1,2-Diphenylhydraz		90		2.0
25	n-Nitrosodiphenylamine		59		2.0
26	[illegible]				
27	[illegible]				
28	[illegible]				
29	[illegible]				
30	[illegible]				
31	[illegible]				
32	Pyrene		98		2.0
33	[illegible]				
34	[illegible]				
35	[illegible]				
36	[illegible]				
37	[illegible]				
38	[illegible]				
39	[illegible]				
40	[illegible]				
41	Indeno(1,2,3-cd)pyrene		76		2.0
42	Dibenz(a,h)anthracene		94		2.0
43	[illegible]				

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\301REF1.D Vial: 18
Acq On : 20 Mar 2002 3:12 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:21:31 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1261616	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3250595	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1820095	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2832684	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2527917	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1347341	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	218359	6.46	ug/L	0.00
Spiked Amount 5.000			Recovery = 129.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	124272	4.39	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	381009	8.53	ug/L	83
4) 1,3 - Dichlorobenze	9.38	146	252821	5.72	ug/L	98
5) 1,4 - Dichlorobenzene	9.59	146	279595	6.35	ug/L	99
6) 1,2 - Dichlorobenzene	9.96	146	282698	6.93	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.42	45	918991	9.03	ug/L	99
8) N-Nitroso-di-n-propylamine	10.75	70	267137	8.32	ug/L	100
9) Hexachloroethane	10.86	117	81042	4.90	ug/L	99
11) Nitrobenzene	11.10	77	393026	6.71	ug/L	97
12) Isophorone	11.81	82	1002287	9.30	ug/L	100
13) bis(2-Chloroethoxy) methan	12.55	93	481836	7.43	ug/L	98
14) 1,2,4-Trichlorobenzene	12.90	180	243012	6.53	ug/L	99
15) Naphthalene	13.08	128	1090905	8.08	ug/L	99
16) Hexachlorobutadiene	13.53	225	91792	4.41	ug/L	95
18) Hexachlorocyclopentadiene	15.61	237	33536	2.09	ug/L	97
19) 2-chloronaphthalene	16.51	162	684786	8.24	ug/L	98
20) Dimethylphthalate	17.59	163	1010081	10.18	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	166759	7.90	ug/L	98
22) Acenaphthylene	17.69	152	1081321	9.38	ug/L	99
23) Acenaphthene	18.22	153	733783	9.36	ug/L	100
24) 2,4-Dinitrotoluene	18.85	165	236155	7.81	ug/L	97
25) Diethylphthalate	19.72	149	966109	11.32	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.89	204	438341	9.64	ug/L	98
27) Fluorene	19.76	166	956287	10.35	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1131729	8.99	ug/L	99
30) N-Nitrosodiphenylamine	20.26	169	356671	5.86	ug/L	97
31) 4-Bromophenyl-phenyl ether	21.32	248	257356	10.29	ug/L	95
32) Hexachlorobenzene	21.34	284	268760	10.19	ug/L	97
33) Phenanthrene	22.56	178	1381296	10.53	ug/L	99
34) Anthracene	22.70	178	1279262	9.83	ug/L	99
35) Di-n-butylphthalate	24.65	149	1674866	11.14	ug/L	99
36) Fluoranthene	26.06	202	1624400	10.90	ug/L	98
39) Pyrene	26.69	202	1706729	9.77	ug/L	95
40) Butylbenzylphthalate	29.04	149	696631	9.31	ug/L	95
41) Benzo (a) antracene	30.29	228	1288011	9.71	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	901671	9.12	ug/L	96
43) Chrysene	30.38	228	1403732	11.13	ug/L	98
45) Di-n-Octylphthalate	32.75	149	1188177	8.21	ug/L	97
46) Benzo (b) fluoranthene	33.23	252	1015209	10.69	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\301REF1.D Vial: 18
Acq On : 20 Mar 2002 3:12 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:21:31 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

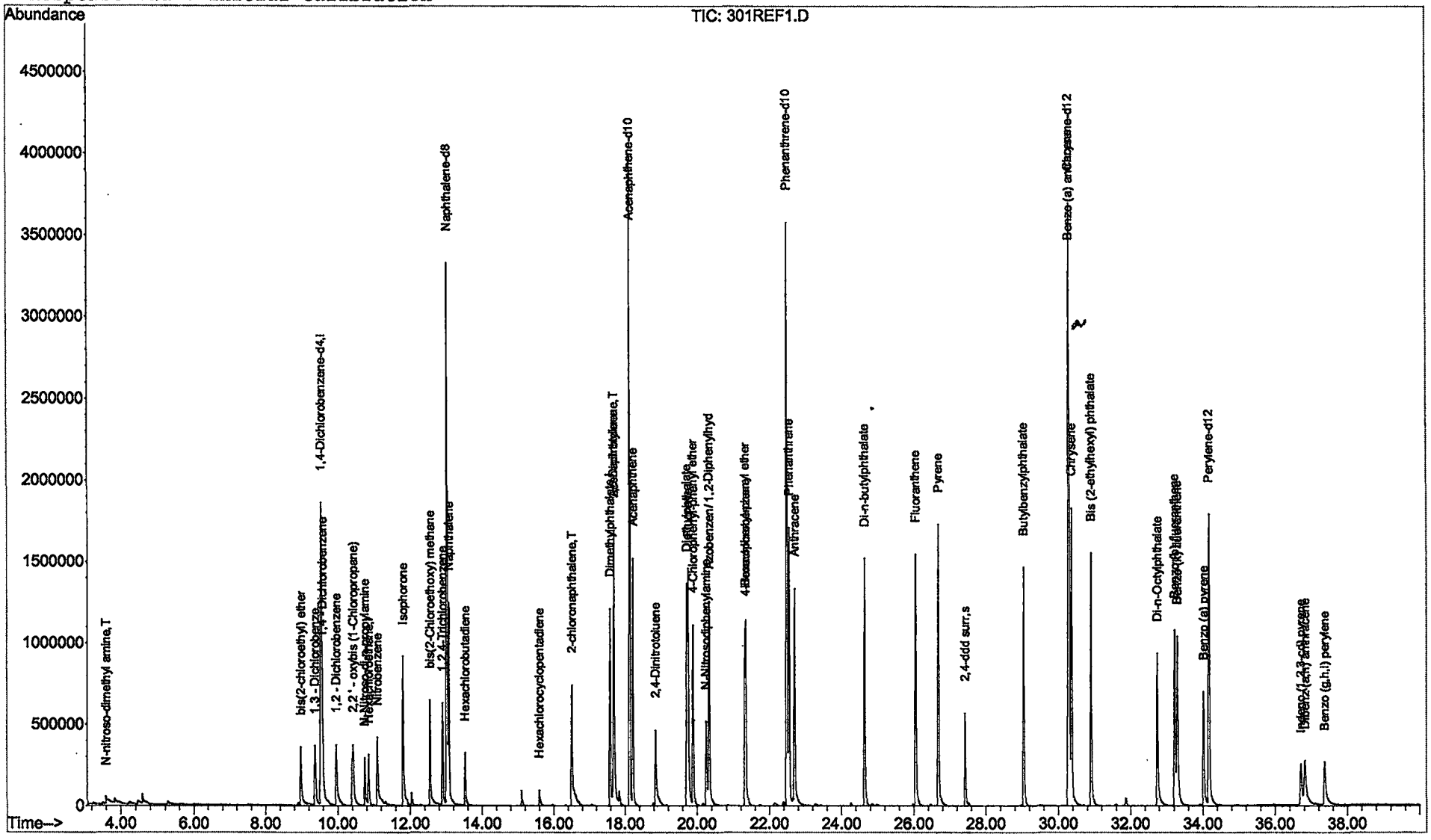
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.30	252	1126008	11.63	ug/L	99
48) Benzo (a) pyrene	34.02	252	726990	8.96	ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.71	276	355006	7.61	ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	422818	9.42	ug/L	97
51) Benzo (g,h,i) perylene	37.37	276	467320	10.41	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\301REF1.D Vial: 18
Acq On : 20 Mar 2002 3:12 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:21 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\301REF2.D Vial: 19
Acq On : 20 Mar 2002 4:01 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:22:07 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1375145	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3619246	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2021190	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3149857	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2826987	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1498463	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	172646	4.59	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	93191	3.02	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	280333	5.76	ug/L	80
4) 1,3 - Dichlorobenze	9.39	146	197654	4.11	ug/L	98
5) 1,4 - Dichlorobenzene	9.59	146	216016	4.50	ug/L	98
6) 1,2 - Dichlorobenzene	9.97	146	215657	4.85	ug/L	96
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	699061	6.30	ug/L	98
8) N-Nitroso-di-n-propylamine	10.75	70	218947	6.26	ug/L	99
9) Hexachloroethane	10.86	117	62442	3.46	ug/L	92
11) Nitrobenzene	11.10	77	275399	4.23	ug/L	97
12) Isophorone	11.81	82	763655	6.37	ug/L	99
13) bis(2-Chloroethoxy) methan	12.55	93	359694	4.98	ug/L	98
14) 1,2,4-Trichlorobenzene	12.90	180	182934	4.41	ug/L	98
15) Naphthalene	13.08	128	839546	5.58	ug/L	99
16) Hexachlorobutadiene	13.53	225	67552	2.92	ug/L	97
18) Hexachlorocyclopentadiene	15.61	237	24180	1.36	ug/L	96
19) 2-chloronaphthalene	16.51	162	446747	4.84	ug/L	99
20) Dimethylphthalate	17.59	163	817783	7.43	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	128986	5.50	ug/L	97
22) Acenaphthylene	17.69	152	844174	6.59	ug/L	99
23) Acenaphthene	18.22	153	583153	6.70	ug/L	99
24) 2,4-Dinitrotoluene	18.85	165	169547	5.05	ug/L	98
25) Diethylphthalate	19.72	149	773408	8.16	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.89	204	349840	6.93	ug/L	97
27) Fluorene	19.76	166	765033	7.46	ug/L	97
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	876005	6.27	ug/L	99
30) N-Nitrosodiphenylamine	20.26	169	277899	4.10	ug/L	92
31) 4-Bromophenyl-phenyl ether	21.32	248	204111	7.34	ug/L	93
32) Hexachlorobenzene	21.34	284	214128	7.30	ug/L	94
33) Phenanthrene	22.56	178	1106372	7.58	ug/L	98
34) Anthracene	22.70	178	985361	6.81	ug/L	100
35) Di-n-butylphthalate	24.65	149	1326950	7.94	ug/L	99
36) Fluoranthene	26.06	202	1283659	7.74	ug/L	98
39) Pyrene	26.69	202	1355661	6.94	ug/L	97
40) Butylbenzylphthalate	29.04	149	538216	6.43	ug/L	97
41) Benzo (a) antracene	30.29	228	1016978	6.85	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	705199	6.38	ug/L	96
43) Chrysene	30.38	228	1147197	8.14	ug/L	99
45) Di-n-Octylphthalate	32.75	149	893891	5.55	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	762359	7.22	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\301REF2.D Vial: 19
Acq On : 20 Mar 2002 4:01 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:22:07 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.30	252	958867	8.90	ug/L	98
48) Benzo (a) pyrene	34.02	252	559323	6.20	ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.71	276	277148	5.34	ug/L	96
50) Dibenz (a,h) anthracene	36.83	278	311935	6.25	ug/L	98
51) Benzo (g,h,i) perylene	37.37	276	351212	7.03	ug/L	96

(#) = qualifier out of range (m) = manual integration
301REF2.D 5080302.M Thu Mar 21 06:22:31 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031902\301REF2.D Vial: 19
Acq On : 20 Mar 2002 4:01 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:22 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration