User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:03:15

Sample: AE12743
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/10/02 10:58 Ended: 6/10/02 10:58 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		6.84		2.0
2	bis(2-Chloroethyl)ether		13.88		2.0
3	1,3-Dichlorobenzene		13.47		2.0
4	1,4-Dichlorobenzene		12.98		2.0
5	1,2-Dichlorobenzene		14.23		2.0
6	2,2-oxybis(1-Chloropropane)		13.90		2.0
7	n-Nitrosodi-n-propylamine		13.44		2.0
8	Hexachloroethane		10.40		2.0
9	Nitrobenzene		11.91		2.0
10	Isophorone		15.77		2.0
11	bis(2-Chloroethoxy)methane		14.09		2.0
12	1,2,4-Trichlorobenzene		14.08		2.0
13	Naphthalene		15.46		2.0
14	Hexachlorobutadiene		13.36		2.0
15	2-Chloronaphthalene		17.07		2.0
16	Dimethylphthalate		15.38		2.0
17	2,6-Dinitrotoluene		13.37		2.0
18	Acenaphthylene		15.05		2.0
19	Acenaphthene		16.41		2.0
20	2,4-Dinitrotoluene		14.56		2.0
21	Diethylphthalate		17.52		2.0
22	4-Chlorophenylphenylether		15.92		2.0
23	Fluorene		16.71		2.0
24	Azobenzene		14.55		2.0
25	n-Nitrosodiphenylamine		17.29		2.0
26	4-Bromophenylphenylether		15.98		2.0
27	Hexachlorobenzene		16.93		2.0
28	Phenanthrene		16.47		2.0
29	Anthracene		15.32		2.0
30	Di-n-butylphthalate		11.62		2.0
31	Fluoranthene		15.11		2.0
32	Pyrene		17.76		2.0
33	Butylbenzylphthalate		13.19		2.0
34	Benzo(a)anthracene		12.98		2.0
35	bis(2-Ethylhexyl)phthalate		11.68		2.0
36	Chrysene		15.30		2.0
37	Di-n-octylphthalate		15.14		2.0
38	Benzo(b)fluoranthene		9.52		2.0
39	Benzo(k)fluoranthene		17.95		2.0
40	Benzo(a)pyrene		7.85		2.0
41	Indeno(1,2,3-cd)pyrene		2.98		2.0
42	Dibenz(a,h)anthracene		4.33		2.0
43	Benzo(g,h,i)perylene		8.26		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:02:58

Sample: AE12743
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/10/02 10:58 Ended: 6/10/02 10:58 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		34		2.0
2	bis(2-Chloroethyl)ether		69		2.0
3	1,3-Dichlorobenzene		67		2.0
4	1,4-Dichlorobenzene		65		2.0
5	1,2-Dichlorobenzene		71		2.0
6	2,2-oxybis(1-Chloropropane)		70		2.0
7	n-Nitrosodi-n-propylamine		67		2.0
8	Hexachloroethane		52		2.0
9	Nitrobenzene		60		2.0
10	Isophorone		79		2.0
11	bis(2-Chloroethoxy)methane		70		2.0
12	1,2,4-Trichlorobenzene		70		2.0
13	Naphthalene		77		2.0
14	Hexachlorobutadiene		67		2.0
15	2-Chloronaphthalene		85		2.0
16	Dimethylphthalate		77		2.0
17	2,6-Dinitrotoluene		67		2.0
18	Acenaphthylene		75		2.0
19	Acenaphthene		82		2.0
20	2,4-Dinitrotoluene		73		2.0
21	Diethylphthalate		88		2.0
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		84		2.0
24	Azobenzene		73		2.0
25	n-Nitrosodiphenylamine		86		2.0
26	4-Bromophenylphenylether		80		2.0
27	Hexachlorobenzene		85		2.0
28	Phenanthrene		82		2.0
29	Anthracene		77		2.0
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	Fluoranthene		76		2.0
32	Pyrene		89		2.0
33	Butylbenzylphthalate		66		2.0
34	Benzo(a)anthracene		65		2.0
35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	Chrysene		76		2.0
37	Di-n-octylphthalate		76		2.0
38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	Benzo(k)fluoranthene		90		2.0
40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF1.D Vial: 4
Acq On : 6 Jun 2002 1:45 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:20:54 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 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	4658917	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	18956320	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	10289810	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15287505	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	8466362	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	3911920	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2080725	28.18	ug/L	0.00
Spiked Amount 40.000			Recovery = 70.45%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	599132m	6.84	ug/L	
3) bis(2-Chloroethyl)ether	9.31	93	2372165	13.88	ug/L	98
4) 1,3-Dichlorobenzene	9.72	146	2284675	13.47	ug/L	99
5) 1,4-Dichlorobenzene	9.94	146	2388104	12.98	ug/L	98
6) 1,2-Dichlorobenzene	10.31	146	2312755	14.23	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.76	45	3765142m	13.90	ug/L	
8) N-nitroso-di-propylamine	11.09	70	1613155	13.44	ug/L	96
9) Hexachloroethane	11.22	117	726810	10.40	ug/L	99
11) Nitrobenzene	11.45	77	2119732	11.91	ug/L	99
12) Isophorone	12.16	82	5059091	15.77	ug/L	99
13) bis(2-Chloroethoxy) methan	12.90	93	2999812	14.09	ug/L	99
14) 1,2,4-Trichlorobenzene	13.26	180	1953302	14.08	ug/L	99
15) Napthalene	13.45	128	7496315	15.46	ug/L	100
16) Hexachlorobutadiene	13.89	225	874268	13.36	ug/L	98
18) 2-Chloronaphthalene	16.89	162	4331464	17.07	ug/L	99
19) Dimethylphthalate	17.96	163	5011913	15.38	ug/L	99
20) 2,6-Dinitrotoluene	18.07	165	676273	13.37	ug/L	96
21) Acenapthylene	18.08	152	6461925	15.05	ug/L	97
22) Acenapthalene	18.61	153	4404118	16.41	ug/L	98
23) 2,4-Dinitrotoluene	19.23	165	856601	14.56	ug/L	95
24) Diethylphthalate	20.10	149	4936321	17.52	ug/L	98
25) 4-Chlorophenyl-phenylether	20.29	204	2455251	15.92	ug/L	98
26) Fluorene	20.15	166	5245836	16.71	ug/L	99
28) Azobenzene	20.74	77	5367921	14.55	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3032950	17.29	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1205344	15.98	ug/L	99
32) Hexachlorobenzene	21.74	284	1222449	16.93	ug/L	94
33) Phenanthrene	22.97	178	7232109	16.47	ug/L	100
34) Anthracene	23.12	178	6895549	15.32	ug/L	99
35) Di-n-butylphthalate	25.05	149	6487071	11.62	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF1.D Vial: 4
Acq On : 6 Jun 2002 1:45 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:20:54 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

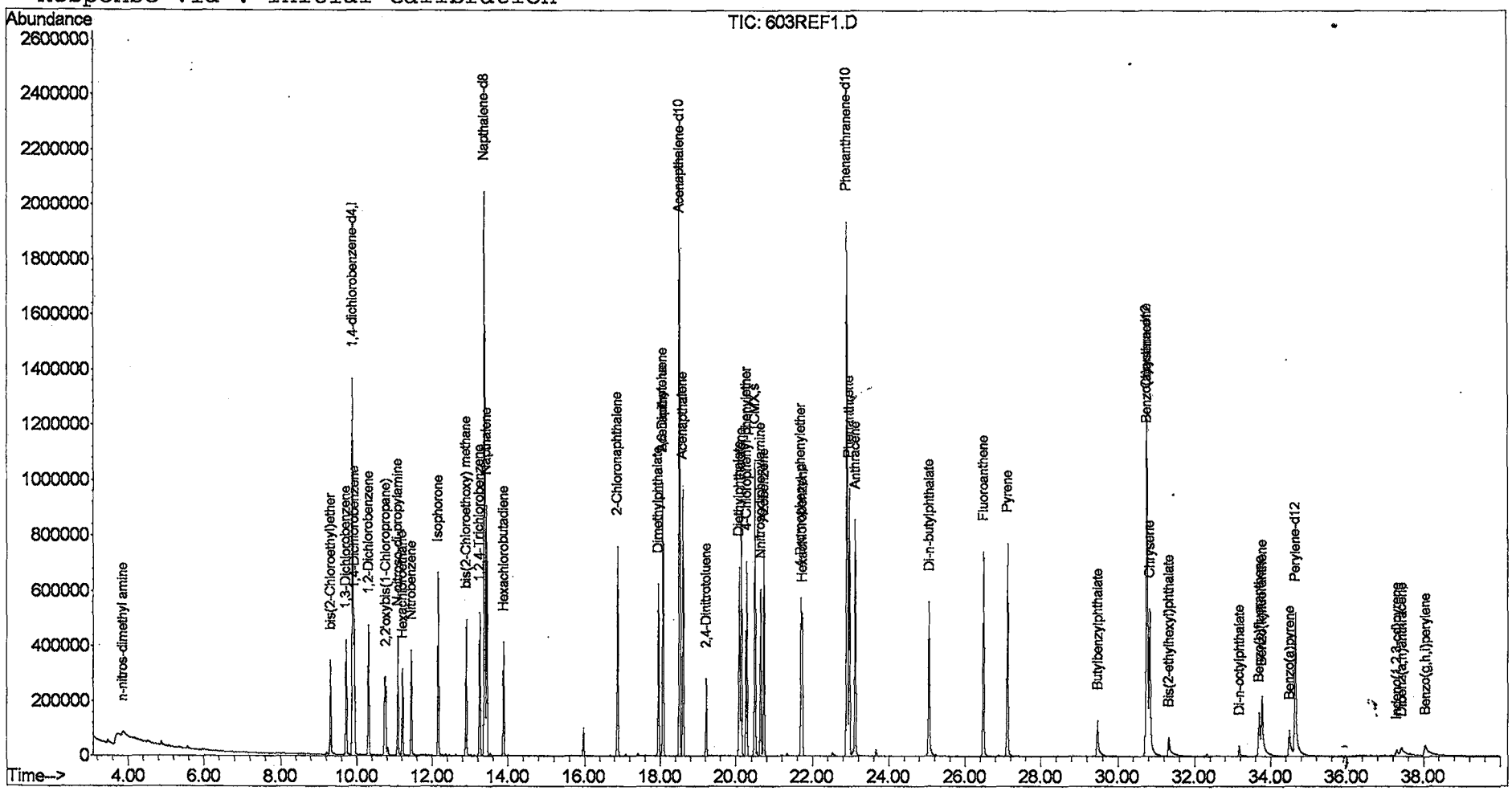
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	6478406	15.11	ug/L	100
38)	Pyrene	27.12	202	6679868	17.76	ug/L	99
39)	Butylbenzylphthalate	29.48	149	925159	13.19	ug/L	98
40)	Benzo(a)anthracene	30.74	228	3441554	12.98	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.33	149	521035	11.68	ug/L	95
42)	Chrysene	30.83	228	4309929m	15.30	ug/L	
44)	Di-n-octylphthalate	33.17	149	445040m	15.14	ug/L	
45)	Benzo(b)fluoranthene	33.70	252	1459888	9.52	ug/L	99
46)	Benzo(k)fluoranthene	33.77	252	3305369	17.95	ug/L	100
47)	Benzo(a)pyrene	34.50	252	1149472m	7.85	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.30	276	294243m	2.98	ug/L	
49)	Dibenz(a,h)anthracene	37.43	278	470290m	4.33	ug/L	
50)	Benzo(g,h,i)perylene	38.05	276	958697m	8.26	ug/L	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF1.D Vial: 4
Acq On : 6 Jun 2002 1:45 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:18 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF2.D Vial: 5
Acq On : 6 Jun 2002 2:34 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:21:02 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 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	6053738	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	24319276	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	13302605	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	19589084	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10695118	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	5224400	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2526473	26.47	ug/L	0.00
Spiked Amount 40.000			Recovery =	66.17%		
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.85	74	780269	6.86	ug/L	92
3) bis(2-Chloroethyl)ether	9.31	93	3174386	14.30	ug/L	97
4) 1,3-Dichlorobenzene	9.73	146	2896726	13.15	ug/L	97
5) 1,4-Dichlorobenzene	9.94	146	3063359	12.81	ug/L	100
6) 1,2-Dichlorobenzene	10.32	146	2979041	14.10	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.77	45	5060727m	14.38	ug/L	
8) N-nitroso-di-propylamine	11.10	70	2204410	14.13	ug/L	96
9) Hexachloroethane	11.22	117	923167	10.16	ug/L	99
11) Nitrobenzene	11.45	77	2998380	13.13	ug/L	99
12) Isophorone	12.17	82	6826597	16.59	ug/L	99
13) bis(2-Chloroethoxy) methan	12.91	93	4042635	14.80	ug/L	100
14) 1,2,4-Trichlorobenzene	13.26	180	2514329	14.13	ug/L	100
15) Napthalene	13.45	128	9947777	16.00	ug/L	100
16) Hexachlorobutadiene	13.89	225	1065915	12.70	ug/L	98
18) 2-Chloronaphthalene	16.89	162	5779968	17.62	ug/L	99
19) Dimethylphthalate	17.97	163	6844816	16.24	ug/L	98
20) 2,6-Dinitrotoluene	18.08	165	1031985	15.33	ug/L	96
21) Acenapthylene	18.08	152	8642179	15.57	ug/L	98
22) Acenapthalene	18.62	153	5962125	17.18	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	1354927	16.58	ug/L	95
24) Diethylphthalate	20.10	149	6656975	18.27	ug/L	99
25) 4-Chlorophenyl-phenylether	20.29	204	3261528	16.35	ug/L	97
26) Fluorene	20.16	166	6988783	17.22	ug/L	98
28) Azobenzene	20.74	77	7235596	15.17	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3590560	15.98	ug/L	97
31) 4-Bromophenyl-phenylether	21.72	248	1639162	16.95	ug/L	99
32) Hexachlorobenzene	21.75	284	1533603	16.58	ug/L	98
33) Phenanthrene	22.97	178	9539980	16.96	ug/L	100
34) Anthracene	23.12	178	9044507	15.68	ug/L	99
35) Di-n-butylphthalate	25.05	149	9162266	13.10	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF2.D Vial: 5
Acq On : 6 Jun 2002 2:34 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:21:02 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.49	202	8308280	15.12	ug/L		99
38)	Pyrene	27.12	202	8433056	17.75	ug/L		99
39)	Butylbenzylphthalate	29.48	149	1519472	14.79	ug/L		95
40)	Benzo(a)anthracene	30.74	228	4045137	12.07	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.33	149	804232	12.22	ug/L		98
42)	Chrysene	30.83	228	4982363m	14.00	ug/L		
44)	Di-n-octylphthalate	33.18	149	514831	14.89	ug/L		97
45)	Benzo(b)fluoranthene	33.70	252	1915848	9.35	ug/L		98
46)	Benzo(k)fluoranthene	33.77	252	3803074	15.46	ug/L		98
47)	Benzo(a)pyrene	34.50	252	988575	5.05	ug/L		99
48)	Indeno(1,2,3-cd)pyrene	37.31	276	366920	2.78	ug/L	#	91
49)	Dibenz(a,h)anthracene	37.43	278	698102	4.81	ug/L	#	89
50)	Benzo(g,h,i)perylene	38.05	276	1172910	7.57	ug/L		96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603REF2.D Vial: 5
Acq On : 6 Jun 2002 2:34 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:19 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration