User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/05/2002 Time: 14:25:04

Sample: AE12765
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/5/02 14:16 Ended: 6/5/02 14:16 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.62		2.0
2	bis(2-Chloroethyl)ether		15.24		2.0
3	1,3-Dichlorobenzene		13.91		2.0
4	1,4-Dichlorobenzene		13.47		2.0
5	1,2-Dichlorobenzene		15.01		2.0
6	2,2-oxybis(1-Chloropropane)		15.58		2.0
7	n-Nitrosodi-n-propylamine		15.72		2.0
8	Hexachloroethane		10.28		2.0
9	Nitrobenzene		14.14		2.0
10	Isophorone		17.68		2.0
11	bis(2-Chloroethoxy)methane		15.21		2.0
12	1,2,4-Trichlorobenzene		14.56		2.0
13	Naphthalene		17.05		2.0
14	Hexachlorobutadiene		10.61		2.0
15	2-Chloronaphthalene		18.48		2.0
16	Dimethylphthalate		17.19		2.0
17	2,6-Dinitrotoluene		15.82		2.0
18	Acenaphthylene		17.02		2.0
19	Acenaphthene		18.07		2.0
20	2,4-Dinitrotoluene		15.32		2.0
21	Diethylphthalate		19.82		2.0
22	4-Chlorophenylphenylether		17.23		2.0
23	Fluorene		18.54		2.0
24	Azobenzene		16.57		2.0
25	n-Nitrosodiphenylamine		19.96		2.0
26	4-Bromophenylphenylether		17.85		2.0
27	Hexachlorobenzene		18.30		2.0
28	Phenanthrene		18.61		2.0
29	Anthracene		17.38		2.0
30	Di-n-butylphthalate		15.48		2.0
31	Fluoranthene		17.88		2.0
32	Pyrene		17.45		2.0
33	Butylbenzylphthalate		18.18		2.0
34	Benzo(a)anthracene		16.08		2.0
35	bis(2-Ethylhexyl)phthalate		18.46		2.0
36	Chrysene		17.97		2.0
37	Di-n-octylphthalate		7.17		2.0
38	Benzo(b)fluoranthene		15.91		2.0
39	Benzo(k)fluoranthene		17.66		2.0
40	Benzo(a)pyrene		12.21		2.0
41	Indeno(1,2,3-cd)pyrene		10.73		2.0
42	Dibenz(a,h)anthracene		14.22		2.0
43	Benzo(g,h,i)perylene		15.09		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/05/2002 Time: 14:25:36

Sample: AE12765
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/5/02 14:16 Ended: 6/5/02 14:16 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		38		2.0
2	bis(2-Chloroethyl)ether		76		2.0
3	1,3-Dichlorobenzene		70		2.0
4	1,4-Dichlorobenzene		67		2.0
5	1,2-Dichlorobenzene		75		2.0
6	2,2-oxybis(1-Chloropropane)		78		2.0
7	n-Nitrosodi-n-propylamine		79		2.0
8	Hexachloroethane		51		2.0
9	Nitrobenzene		71		2.0
10	Isophorone		88		2.0
11	bis(2-Chloroethoxy)methane		76		2.0
12	1,2,4-Trichlorobenzene		73		2.0
13	Naphthalene		85		2.0
14	Hexachlorobutadiene		53		2.0
15	2-Chloronaphthalene		92		2.0
16	Dimethylphthalate		86		2.0
17	2,6-Dinitrotoluene		79		2.0
18	Acenaphthylene		85		2.0
19	Acenaphthene		90		2.0
20	2,4-Dinitrotoluene		77		2.0
21	Diethylphthalate		99		2.0
22	4-Chlorophenylphenylether		86		2.0
23	Fluorene		93		2.0
24	Azobenzene		83		2.0
25	n-Nitrosodiphenylamine		100		2.0
26	4-Bromophenylphenylether		89		2.0
27	Hexachlorobenzene		92		2.0
28	Phenanthrene		93		2.0
29	Anthracene		87		2.0
30	Di-n-butylphthalate		77		2.0
31	Fluoranthene		89		2.0
32	Pyrene		87		2.0
33	Butylbenzylphthalate		91		2.0
34	Benzo(a)anthracene		80		2.0
35	bis(2-Ethylhexyl)phthalate		92		2.0
36	Chrysene		90		2.0
37	[redacted]		[redacted]		[redacted]
38	Benzo(b)fluoranthene		80		2.0
39	Benzo(k)fluoranthene		88		2.0
40	Benzo(a)pyrene		61		2.0
41	Indeno(1,2,3-cd)pyrene		54		2.0
42	Dibenz(a,h)anthracene		71		2.0
43	Benzo(g,h,i)perylene		75		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF1.D Vial: 4
Acq On : 4 Jun 2002 6:18 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 05 12:09:44 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 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	4287458	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	17477057	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	9533156	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	14345849	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9799805	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	6111878	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2125766	30.44	ug/L	0.00
Spiked Amount 40.000			Recovery =	76.10%		
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.88	74	613912	7.62	ug/L #	89
3) bis(2-Chloroethyl)ether	9.31	93	2395930	15.24	ug/L	99
4) 1,3-Dichlorobenzene	9.73	146	2170505	13.91	ug/L	97
5) 1,4-Dichlorobenzene	9.94	146	2279936	13.47	ug/L	100
6) 1,2-Dichlorobenzene	10.32	146	2245825	15.01	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.77	45	3884083m	15.58	ug/L	
8) N-nitroso-di-propylamine	11.10	70	1736973	15.72	ug/L	97
9) Hexachloroethane	11.22	117	661497	10.28	ug/L	95
11) Nitrobenzene	11.45	77	2321584	14.14	ug/L	99
12) Isophorone	12.17	82	5227337	17.68	ug/L	99
13) bis(2-Chloroethoxy) methan	12.91	93	2986624	15.21	ug/L	98
14) 1,2,4-Trichlorobenzene	13.26	180	1862148	14.56	ug/L	98
15) Napthalene	13.45	128	7620882	17.05	ug/L	100
16) Hexachlorobutadiene	13.89	225	639924	10.61	ug/L	96
18) 2-Chloronaphthalene	16.89	162	4344402	18.48	ug/L	99
19) Dimethylphthalate	17.96	163	5191402	17.19	ug/L	99
20) 2,6-Dinitrotoluene	18.07	165	801493	15.82	ug/L	99
21) Acenapthylene	18.09	152	6770021	17.02	ug/L	99
22) Acenapthalene	18.62	153	4492942	18.07	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	1070199	15.32	ug/L	93
24) Diethylphthalate	20.10	149	5175680	19.82	ug/L	98
25) 4-Chlorophenyl-phenylether	20.29	204	2462911	17.23	ug/L	99
26) Fluorene	20.16	166	5393054	18.54	ug/L	99
28) Azobenzene	20.74	77	5665897	16.57	ug/L	98
30) Nnitrosodiphenylamine	20.65	169	3285764	19.96	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1264000	17.85	ug/L	94
32) Hexachlorobenzene	21.75	284	1239553	18.30	ug/L	97
33) Phenanthrene	22.97	178	7668864	18.61	ug/L	99
34) Anthracene	23.12	178	7338808	17.38	ug/L	99
35) Di-n-butylphthalate	25.05	149	7704546	15.48	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF1.D Vial: 4
Acq On : 4 Jun 2002 6:18 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 05 12:09:44 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

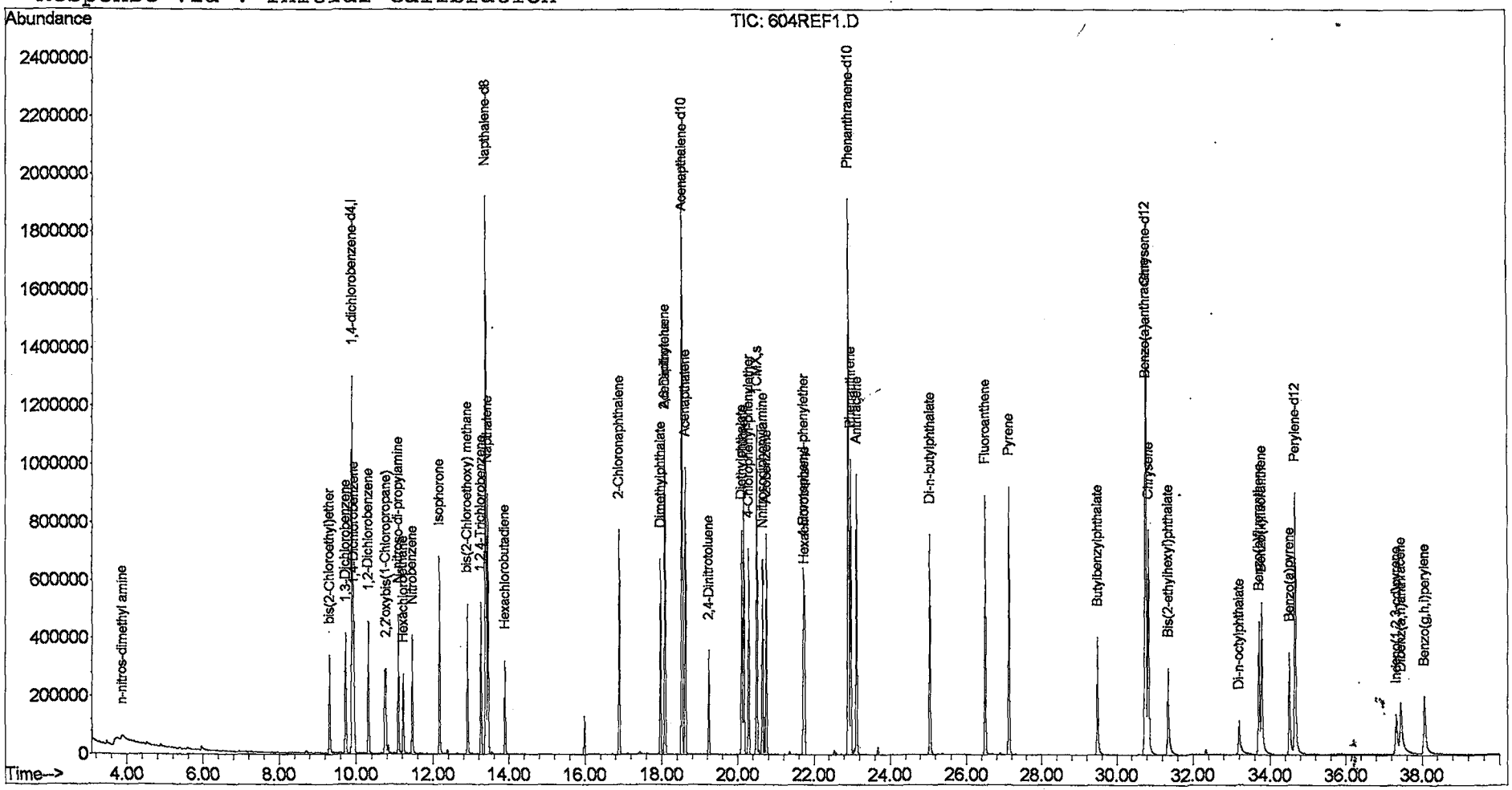
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	26.49	202	7195180	17.88 ug/L	98
38) Pyrene	27.13	202	7597307	17.45 ug/L	98
39) Butylbenzylphthalate	29.48	149	2076663	18.18 ug/L	96
40) Benzo(a)anthracene	30.74	228	4936124	16.08 ug/L	99
41) Bis(2-ethylhexyl)phthalate	31.34	149	2268622	18.46 ug/L	98
42) Chrysene	30.82	228	5861500m	17.97 ug/L	
44) Di-n-octylphthalate	33.19	149	1922774	7.17 ug/L	99
45) Benzo(b)fluoranthene	33.70	252	3813710	15.91 ug/L	98
46) Benzo(k)fluoranthene	33.77	252	5082655	17.66 ug/L	98
47) Benzo(a)pyrene	34.50	252	2792471	12.21 ug/L	99
48) Indeno(1,2,3-cd)pyrene	37.32	276	1657259	10.73 ug/L	99
49) Dibenz(a,h)anthracene	37.44	278	2414185	14.22 ug/L	97
50) Benzo(g,h,i)perylene	38.06	276	2734880	15.09 ug/L	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF1.D Vial: 4
Acq On : 4 Jun 2002 6:18 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 5 12:10 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF2.D Vial: 5
Acq On : 4 Jun 2002 7:07 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 05 12:10:23 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 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	4348973	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	17369239	40.00	ug/L	0.00
17) Acenapthalene-d10	18.52	164	9495983	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	14285785	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9204493	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	5418619	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	1999479	28.75	ug/L	0.00
Spiked Amount 40.000			Recovery = 71.88%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.89	74	182427	2.23	ug/L	93
3) bis(2-Chloroethyl)ether	9.31	93	2185956	13.70	ug/L	98
4) 1,3-Dichlorobenzene	9.73	146	1952922	12.34	ug/L	98
5) 1,4-Dichlorobenzene	9.94	146	2083286	12.13	ug/L	98
6) 1,2-Dichlorobenzene	10.32	146	2040791	13.45	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.77	45	3575216m	14.14	ug/L	
8) N-nitroso-di-propylamine	11.09	70	1613440	14.40	ug/L	98
9) Hexachloroethane	11.22	117	591049	9.06	ug/L	98
11) Nitrobenzene	11.45	77	2146521	13.16	ug/L	98
12) Isophorone	12.17	82	4810758	16.37	ug/L	99
13) bis(2-Chloroethoxy) methan	12.90	93	2796715	14.33	ug/L	98
14) 1,2,4-Trichlorobenzene	13.26	180	1714266	13.49	ug/L	99
15) Napthalene	13.45	128	7033023	15.83	ug/L	100
16) Hexachlorobutadiene	13.89	225	601279	10.03	ug/L	99
18) 2-Chloronaphthalene	16.89	162	4035504	17.23	ug/L	99
19) Dimethylphthalate	17.96	163	4825188	16.04	ug/L	99
20) 2,6-Dinitrotoluene	18.07	165	747637	14.82	ug/L	95
21) Acenapthylene	18.08	152	6293165	15.88	ug/L	98
22) Acenapthalene	18.61	153	4177887	16.87	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	997228	14.33	ug/L	92
24) Diethylphthalate	20.10	149	4804126	18.47	ug/L	99
25) 4-Chlorophenyl-phenylether	20.29	204	2309777	16.22	ug/L	98
26) Fluorene	20.16	166	5048711	17.43	ug/L	100
28) Azobenzene	20.74	77	5266837	15.47	ug/L	100
30) Nnitrosodiphenylamine	20.65	169	3177293	19.39	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1186536	16.83	ug/L	99
32) Hexachlorobenzene	21.75	284	1172212	17.38	ug/L	99
33) Phenanthrene	22.97	178	7146117	17.42	ug/L	100
34) Anthracene	23.12	178	6865146	16.32	ug/L	99
35) Di-n-butylphthalate	25.05	149	7129424	14.18	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF2.D Vial: 5
Acq On : 4 Jun 2002 7:07 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 05 12:10:23 2002 Quant Results File: Q60302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.49	202	6649799	16.59	ug/L	99
38)	Pyrene	27.12	202	6899554	16.87	ug/L	99
39)	Butylbenzylphthalate	29.47	149	1802675	17.40	ug/L	99
40)	Benzo(a)anthracene	30.73	228	4315172	14.97	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.34	149	1861555	17.29	ug/L	98
42)	Chrysene	30.82	228	5135098m	16.77	ug/L	
44)	Di-n-octylphthalate	33.18	149	1575155m	6.63	ug/L	
45)	Benzo(b)fluoranthene	33.69	252	3144439	14.80	ug/L	98
46)	Benzo(k)fluoranthene	33.77	252	4398744	17.24	ug/L	99
47)	Benzo(a)pyrene	34.50	252	2217525	10.93	ug/L	98
48)	Indeno(1,2,3-cd)pyrene	37.32	276	1276392	9.32	ug/L	97
49)	Dibenz(a,h)anthracene	37.44	278	1826733	12.14	ug/L	98
50)	Benzo(g,h,i)perylene	38.05	276	2273700	14.15	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\604REF2.D Vial: 5
Acq On : 4 Jun 2002 7:07 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 5 12:10 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration