User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:48:07

Sample: AE10986
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/13/02 15:44 Ended: 5/15/02 15:44 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.0		2.0
2	bis(2-Chloroethyl)ether		16		2.0
3	1,3-Dichlorobenzene		15		2.0
4	1,4-Dichlorobenzene		14		2.0
5	1,2-Dichlorobenzene		15		2.0
6	2,2-oxybis(1-Chloropropane)		17		2.0
7	n-Nitrosodi-n-propylamine		17		2.0
8	Hexachloroethane		12		2.0
9	Nitrobenzene		16		2.0
10	Isophorone		18		2.0
11	bis(2-Chloroethoxy)methane		16		2.0
12	1,2,4-Trichlorobenzene		15		2.0
13	Naphthalene		17		2.0
14	Hexachlorobutadiene		14		2.0
15	2-Chloronaphthalene		18		2.0
16	Dimethylphthalate		18		2.0
17	2,6-Dinitrotoluene		18		2.0
18	Acenaphthylene		15		2.0
19	Acenaphthene		17		2.0
20	2,4-Dinitrotoluene		16		2.0
21	Diethylphthalate		19		2.0
22	4-Chlorophenylphenylether		17		2.0
23	Fluorene		18		2.0
24	Azobenzene		16		2.0
25	n-Nitrosodiphenylamine		18		2.0
26	4-Bromophenylphenylether		17		2.0
27	Hexachlorobenzene		18		2.0
28	Phenanthrene		17		2.0
29	Anthracene		16		2.0
30	Di-n-butylphthalate		18		2.0
31	Fluoranthene		17		2.0
32	Pyrene		19		2.0
33	Butylbenzylphthalate		17		2.0
34	Benzo(a)anthracene		17		2.0
35	bis(2-Ethylhexyl)phthalate		22		2.0
36	Chrysene		18		2.0
37	Di-n-octylphthalate		14		2.0
38	Benzo(b)fluoranthene		17		2.0
39	Benzo(k)fluoranthene		18		2.0
40	Benzo(a)pyrene		13		2.0
41	Indeno(1,2,3-cd)pyrene		12		2.0
42	Dibenz(a,h)anthracene		14		2.0
43	Benzo(g,h,i)perylene		15		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 15:48:10

Sample: AE10986
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/13/02 15:44 Ended: 5/15/02 15:44 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		35		2.0
2	bis(2-Chloroethyl)ether		80		2.0
3	1,3-Dichlorobenzene		75		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		75		2.0
6	2,2-oxybis(1-Chloropropane)		85		2.0
7	n-Nitrosodi-n-propylamine		85		2.0
8	Hexachloroethane		60		2.0
9	Nitrobenzene		80		2.0
10	Isophorone		90		2.0
11	bis(2-Chloroethoxy)methane		80		2.0
12	1,2,4-Trichlorobenzene		75		2.0
13	Naphthalene		85		2.0
14	Hexachlorobutadiene		70		2.0
15	2-Chloronaphthalene		90		2.0
16	Dimethylphthalate		90		2.0
17	2,6-Dinitrotoluene		90		2.0
18	Acenaphthylene		75		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		80		2.0
21	Diethylphthalate		95		2.0
22	4-Chlorophenylphenylether		85		2.0
23	Fluorene		90		2.0
24	Azobenzene		80		2.0
25	n-Nitrosodiphenylamine		90		2.0
26	4-Bromophenylphenylether		85		2.0
27	Hexachlorobenzene		90		2.0
28	Phenanthrene		85		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		90		2.0
31	Fluoranthene		85		2.0
32	Pyrene		95		2.0
33	Butylbenzylphthalate		85		2.0
34	Benzo(a)anthracene		85		2.0
35	bis(2-Ethylhexyl)phthalate		110		2.0
36	Chrysene		90		2.0
37	Di-n-octylphthalate		70		2.0
38	Benzo(b)fluoranthene		85		2.0
39	Benzo(k)fluoranthene		90		2.0
40	Benzo(a)pyrene		65		2.0
41	Indeno(1,2,3-cd)pyrene		60		2.0
42	Dibenz(a,h)anthracene		70		2.0
43	Benzo(g,h,i)perylene		75		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF3.D Vial: 7
Acq On : 15 May 2002 5:45 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50:00 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	406503	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1558230	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	822259	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1418407	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1121789	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	674529	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	218364	33.24	ug/l	-0.02
Spiked Amount 40.000			Recovery = 83.10%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.06	74	45615m	7.04	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	246862	15.70	ug/l	97
4) 1.3-Dichlorbenzene	11.11	146	190296	14.50	ug/l	97
5) 1,4-Dichlorobenzene	11.43	146	197112	13.76	ug/l	95
6) 1,2-Dichlorobenzene	11.96	146	189831	15.26	ug/l	99
7) 2,2'oxybis(1-Chloropropane	12.78	45	422727m	16.83	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	189946	16.89	ug/l	95
9) Hexachloroethane	13.26	119	75878	12.20	ug/l	96
11) Nitrobenzene	13.67	77	298655	15.97	ug/l	98
12) Isophorone	14.78	82	594873	18.26	ug/l	99
13) bis(2-Chloroethoxy) methan	16.02	93	312883	16.16	ug/l	97
14) 1,2,4-Trichlorobenzene	16.38	180	169267	15.14	ug/l	97
15) Naphthalene	16.62	128	653602	16.74	ug/l	98
16) Hexachlorobutadiene	17.40	225	93595	14.43	ug/l	98
18) 2-Chloronaphthalene	21.92	162	361596	18.47	ug/l	99
19) Acenaphthylene	23.75	152	586500	15.35	ug/l	99
20) Dimethyl phthalate	23.84	163	448181	17.55	ug/l	97
21) 2,6-Dinitrotoluene	23.95	77	38694	17.60	ug/l	97
22) Acenaphthene	24.59	153	386180	17.44	ug/l	99
23) 2,4-Dinitrotoluene	25.73	165	91958	15.64	ug/l	92
24) Fluorene	27.01	166	462156	18.15	ug/l	100
25) Diethyl phthalate	27.22	149	492736	19.19	ug/l	99
26) 4-Chlorophenyl-phenylether	27.34	204	218257	17.30	ug/l	99
28) N-Nitrosodiphenylamine	27.94	168	145370	17.52	ug/l	97
29) Azobenzene	28.02	77	620282	15.81	ug/l	99
31) Hexachlorobenzene	29.59	284	134771	18.01	ug/l	99
32) 4-Bromophenyl-phenylether	29.71	248	123460	16.86	ug/l	91
33) Phenanthrene	31.81	178	626688	17.37	ug/l	98
34) Anthracene	32.04	178	575777	15.76	ug/l	100
35) Di-n-butylphthalate	34.81	149	797975	17.68	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF3.D Vial: 7
Acq On : 15 May 2002 5:45 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50:00 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

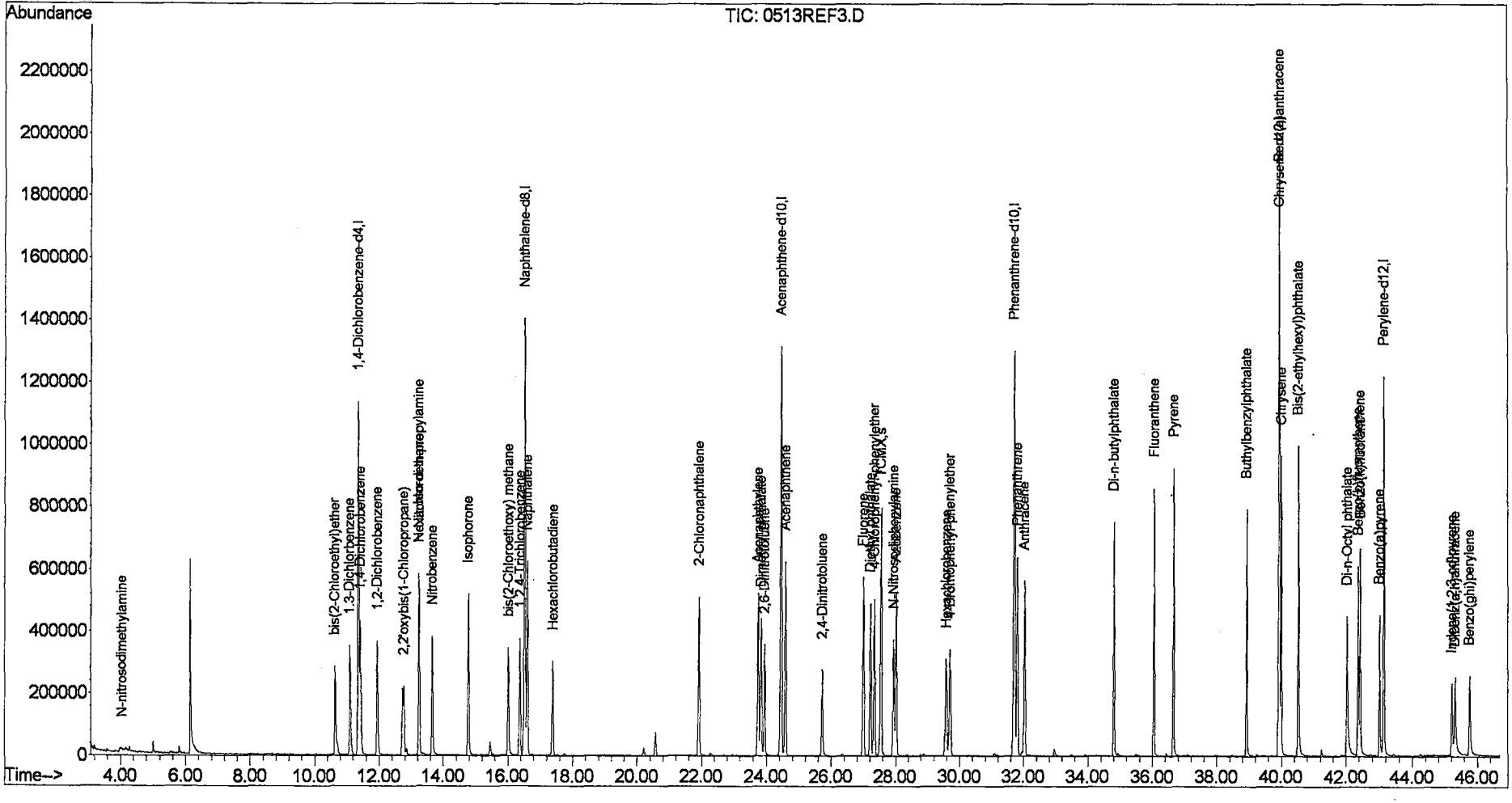
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoranthene	36.05	202	694227	17.08 ug/l	97
39)	Pyrene	36.66	202	737527	18.80 ug/l	97
40)	Buthylbenzylphthalate	38.93	149	321591	17.04 ug/l	95
41)	Benz(a)anthracene	39.92	228	592512	17.04 ug/l	99
42)	Chrysene	39.99	228	587667	17.95 ug/l	99
43)	Bis(2-ethylhexyl)phthalate	40.52	149	529870	22.05 ug/l	95
45)	Di-n-Octyl phthalate	42.03	149	531048	14.46 ug/l	99
46)	Benzo(b)fluoranthene	42.37	252	454988	17.39 ug/l	98
47)	Benzo(k)fluoranthene	42.43	252	480177	17.94 ug/l	98
48)	Benzo(a)pyrene	43.02	252	328753	13.11 ug/l	96
49)	Indeno(1,2,3-cd)pyrene	45.22	276	216347	11.66 ug/l	97
50)	Dibenz(a,h)anthracene	45.32	278	240852	13.69 ug/l	96
51)	Benzo(ghi)perylene	45.77	276	264784	14.89 ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF3.D Vial: 7
Acq On : 15 May 2002 5:45 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF4.D Vial: 8
Acq On : 15 May 2002 6:44 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50:47 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	404979	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1524570	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	820450	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1403128	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1137835	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	688766	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	200520	30.60	ug/l	-0.02
Spiked Amount 40.000			Recovery = 76.50%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.01	74	36415m	5.64	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	224200	14.31	ug/l	99
4) 1.3-Dichlorbenzene	11.11	146	169166	12.94	ug/l	98
5) 1,4-Dichlorobenzene	11.43	146	177731	12.45	ug/l	97
6) 1,2-Dichlorobenzene	11.96	146	170988	13.80	ug/l	99
7) 2,2'oxybis(1-Chloropropane	12.73	45	391940m	15.66	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	171348	15.29	ug/l	95
9) Hexachloroethane	13.25	119	64746	10.45	ug/l	95
11) Nitrobenzene	13.67	77	275115	15.03	ug/l	96
12) Isophorone	14.78	82	551145	17.29	ug/l	99
13) bis(2-Chloroethoxy) methan	16.02	93	286615	15.13	ug/l	98
14) 1,2,4-Trichlorobenzene	16.38	180	151774	13.88	ug/l	98
15) Naphthalene	16.62	128	606373	15.87	ug/l	100
16) Hexachlorobutadiene	17.40	225	77101	12.15	ug/l	94
18) 2-Chloronaphthalene	21.92	162	329389	16.86	ug/l	98
19) Acenaphthylene	23.76	152	549703	14.42	ug/l	98
20) Dimethyl phthalate	23.84	163	418567	16.43	ug/l	98
21) 2,6-Dinitrotoluene	23.95	77	36347	16.57	ug/l	93
22) Acenaphthene	24.59	153	363171	16.44	ug/l	100
23) 2,4-Dinitrotoluene	25.73	165	85197	14.52	ug/l	97
24) Fluorene	27.00	166	434623	17.10	ug/l	100
25) Diethyl phthalate	27.22	149	467866	18.26	ug/l	97
26) 4-Chlorophenyl-phenylether	27.35	204	205419	16.32	ug/l	99
28) N-Nitrosodiphenylamine	27.94	168	139570	16.85	ug/l	97
29) Azobenzene	28.02	77	589148	15.05	ug/l	99
31) Hexachlorobenzene	29.60	284	125693	16.98	ug/l	99
32) 4-Bromophenyl-phenylether	29.71	248	116610	16.10	ug/l	92
33) Phenanthrene	31.81	178	603730	16.92	ug/l	98
34) Anthracene	32.03	178	543786	15.05	ug/l	99
35) Di-n-butylphthalate	34.81	149	760201	17.02	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF4.D Vial: 8
Acq On : 15 May 2002 6:44 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50:47 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoranthene	36.05	202	676364	16.82 ug/l	96
39)	Pyrene	36.66	202	696845	17.51 ug/l	97
40)	Buthylbenzylphthalate	38.93	149	311757	16.28 ug/l	96
41)	Benz(a)anthracene	39.92	228	578939	16.41 ug/l	98
42)	Chrysene	39.99	228	583403	17.56 ug/l	99
43)	Bis(2-ethylhexyl)phthalate	40.52	149	533055	21.87 ug/l	94
45)	Di-n-Octyl phthalate	42.03	149	522287	13.92 ug/l	99
46)	Benzo(b)fluoranthene	42.37	252	449940	16.84 ug/l	99
47)	Benzo(k)fluoranthene	42.43	252	483717	17.70 ug/l	97
48)	Benzo(a)pyrene	43.02	252	330755	12.92 ug/l	94
49)	Indeno(1,2,3-cd)pyrene	45.22	276	205272	10.83 ug/l	97
50)	Dibenz(a,h)anthracene	45.32	278	235465	13.11 ug/l	99
51)	Benzo(ghi)perylene	45.76	276	257477	14.18 ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\0513REF4.D Vial: 8
Acq On : 15 May 2002 6:44 pm Operator: Nefliu
Sample : 05/13 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 14:50 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 16 14:49:15 2002
Response via : Initial Calibration