User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 14:20:53

Sample: AE11424
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/17/02 14:14 Ended: 5/21/02 14:14 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		6.3		2.0
2	bis(2-Chloroethyl)ether		17		2.0
3	1,3-Dichlorobenzene		15		2.0
4	1,4-Dichlorobenzene		14		2.0
5	1,2-Dichlorobenzene		16		2.0
6	2,2-oxybis(1-Chloropropane)		18		2.0
7	n-Nitrosodi-n-propylamine		18		2.0
8	Hexachloroethane		11		2.0
9	Nitrobenzene		17		2.0
10	Isophorone		19		2.0
11	bis(2-Chloroethoxy)methane		17		2.0
12	1,2,4-Trichlorobenzene		15		2.0
13	Naphthalene		18		2.0
14	Hexachlorobutadiene		12		2.0
15	2-Chloronaphthalene		19		2.0
16	Dimethylphthalate		18		2.0
17	2,6-Dinitrotoluene		19		2.0
18	Acenaphthylene		16		2.0
19	Acenaphthene		18		2.0
20	2,4-Dinitrotoluene		17		2.0
21	Diethylphthalate		20		2.0
22	4-Chlorophenylphenylether		18		2.0
23	Fluorene		18		2.0
24	Azobenzene		17		2.0
25	n-Nitrosodiphenylamine		18		2.0
26	4-Bromophenylphenylether		18		2.0
27	Hexachlorobenzene		18		2.0
28	Phenanthrene		18		2.0
29	Anthracene		16		2.0
30	Di-n-butylphthalate		19		2.0
31	Fluoranthene		18		2.0
32	Pyrene		20		2.0
33	Butylbenzylphthalate		18		2.0
34	Benzo(a)anthracene		18		2.0
35	bis(2-Ethylhexyl)phthalate		18		2.0
36	Chrysene		19		2.0
37	Di-n-octylphthalate		16		2.0
38	Benzo(b)fluoranthene		18		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		15		2.0
43	Benzo(g,h,i)perylene		16		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 14:20:50

Sample: AE11424
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/17/02 14:14 Ended: 5/21/02 14:14 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Vlol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		32		2.0
2	bis(2-Chloroethyl)ether		85		2.0
3	1,3-Dichlorobenzene		75		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		80		2.0
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		90		2.0
8	Hexachloroethane		55		2.0
9	Nitrobenzene		85		2.0
10	Isophorone		95		2.0
11	bis(2-Chloroethoxy)methane		85		2.0
12	1,2,4-Trichlorobenzene		75		2.0
13	Naphthalene		90		2.0
14	Hexachlorobutadiene		60		2.0
15	2-Chloronaphthalene		95		2.0
16	Dimethylphthalate		90		2.0
17	2,6-Dinitrotoluene		95		2.0
18	Acenaphthylene		80		2.0
19	Acenaphthene		90		2.0
20	2,4-Dinitrotoluene		85		2.0
21	Diethylphthalate		100		2.0
22	4-Chlorophenylphenylether		90		2.0
23	Fluorene		90		2.0
24	Azobenzene		85		2.0
25	n-Nitrosodiphenylamine		90		2.0
26	4-Bromophenylphenylether		90		2.0
27	Hexachlorobenzene		90		2.0
28	Phenanthrene		90		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		95		2.0
31	Fluoranthene		90		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		90		2.0
34	Benzo(a)anthracene		90		2.0
35	bis(2-Ethylhexyl)phthalate		90		2.0
36	Chrysene		95		2.0
37	Di-n-octylphthalate		80		2.0
38	Benzo(b)fluoranthene		90		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		75		2.0
43	Benzo(g,h,i)perylene		80		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF2.D Vial: 6
Acq On : 21 May 2002 1:20 pm Operator: Nefliu
Sample : 052/17 ref kb/a Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 09:16:29 2002 Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 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	403435	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1506581	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	799460	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1361363	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1055107	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	599983	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	184122	28.71	ug/l	-0.04
Spiked Amount 40.000			Recovery = 71.78%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.04	74	33748m	5.39	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	220200	14.07	ug/l	97
4) 1.3-Dichlorbenzene	11.11	146	167546	12.64	ug/l	95
5) 1,4-Dichlorobenzene	11.43	146	173062	11.94	ug/l	97
6) 1,2-Dichlorobenzene	11.95	146	170666	13.53	ug/l	98
7) 2,2'oxybis(1-Chloropropane	12.77	45	382230m	15.41	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	164109	14.55	ug/l	99
9) Hexachloroethane	13.26	119	63976	10.09	ug/l	96
11) Nitrobenzene	13.67	77	264696	14.18	ug/l	99
12) Isophorone	14.78	82	510736	15.96	ug/l	98
13) bis(2-Chloroethoxy) methan	16.02	93	270721	14.28	ug/l	92
14) 1,2,4-Trichlorobenzene	16.38	180	150781	13.40	ug/l	97
15) Naphthalene	16.62	128	586979	15.23	ug/l	99
16) Hexachlorobutadiene	17.40	225	78668	11.87	ug/l	92
18) 2-Chloronaphthalene	21.92	162	320270	16.40	ug/l	98
19) Acenaphthylene	23.75	152	510568	13.64	ug/l	99
20) Dimethyl phthalate	23.84	163	385909	15.17	ug/l	100
21) 2,6-Dinitrotoluene	23.94	77	34784	14.90	ug/l	93
22) Acenaphthene	24.59	153	340955	15.38	ug/l	93
23) 2,4-Dinitrotoluene	25.73	165	77729	13.20	ug/l	95
24) Fluorene	27.00	166	404595	15.87	ug/l	99
25) Diethyl phthalate	27.22	149	427948	16.63	ug/l	99
26) 4-Chlorophenyl-phenylether	27.34	204	193201	15.21	ug/l	97
28) N-Nitrosodiphenylamine	27.94	168	116843	13.70	ug/l	99
29) Azobenzene	28.03	77	549056	14.05	ug/l	97
31) Hexachlorobenzene	29.60	284	115787	15.76	ug/l	98
32) 4-Bromophenyl-phenylether	29.71	248	106142	14.55	ug/l	91
33) Phenanthrene	31.81	178	550169	15.54	ug/l	100
34) Anthracene	32.04	178	478191	13.40	ug/l	99
35) Di-n-butylphthalate	34.81	149	693197	15.80	ug/l	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF2.D Vial: 6
Acq On : 21 May 2002 1:20 pm Operator: Nefliu
Sample : 052/17 ref kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 09:16:29 2002 Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

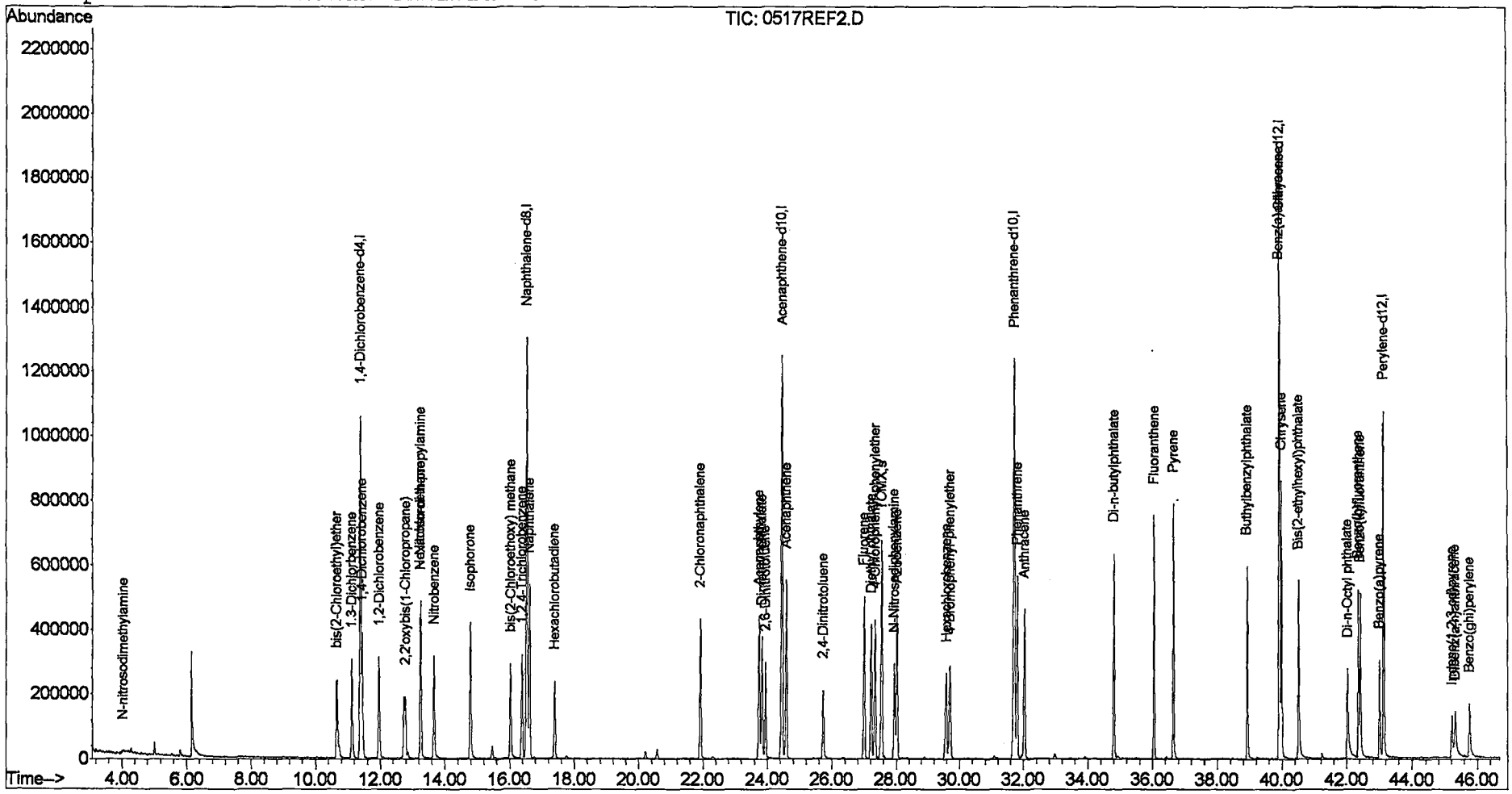
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoranthene	36.05	202	595012	14.83	ug/l	99
39)	Pyrene	36.66	202	635627	16.60	ug/l	98
40)	Buthylbenzylphthalate	38.93	149	267420	14.75	ug/l	97
41)	Benz(a)anthracene	39.91	228	497455	14.86	ug/l	98
42)	Chrysene	39.99	228	516937	16.34	ug/l	98
43)	Bis(2-ethylhexyl)phthalate	40.52	149	323048	14.35	ug/l	99
45)	Di-n-Octyl phthalate	42.03	149	384392	11.43	ug/l	99
46)	Benzo(b)fluoranthene	42.37	252	366745m	15.42	ug/l	
47)	Benzo(k)fluoranthene	42.43	252	406623	15.50	ug/l	100
48)	Benzo(a)pyrene	43.02	252	239015	10.45	ug/l	96
49)	Indeno(1,2,3-cd)pyrene	45.22	276	135642m	9.30	ug/l	
50)	Dibenz(a,h)anthracene	45.32	278	158571	11.34	ug/l	98
51)	Benzo(ghi)perylene	45.76	276	193687	13.37	ug/l	94

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF2.D Vial: 6
Acq On : 21 May 2002 1:20 pm Operator: Nefliu
Sample : 052/17 ref kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 9:17 2002 Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri May 24 09:17:31 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF1.D Vial: 5
Acq On : 21 May 2002 12:21 pm Operator: Nefliu
Sample : 052/17 ref kbeh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 09:15:41 2002 Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 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	464201	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	1743351	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	924288	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1604834	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1279175	40.00	ug/l	-0.04
44) Perylene-d12	43.15	264	729632	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	255154	34.42	ug/l	-0.04
Spiked Amount 40.000			Recovery = 86.05%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.01	74	43080m	5.98	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	297732	16.54	ug/l	98
4) 1.3-Dichlorbenzene	11.11	146	226667	14.86	ug/l	97
5) 1,4-Dichlorobenzene	11.43	146	236772	14.20	ug/l	96
6) 1,2-Dichlorobenzene	11.95	146	232430	16.01	ug/l	96
7) 2,2'oxybis(1-Chloropropane	12.78	45	496953m	17.42	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	218905	16.87	ug/l	99
9) Hexachloroethane	13.25	119	86680	11.88	ug/l	98
11) Nitrobenzene	13.67	77	361687	16.74	ug/l	98
12) Isophorone	14.78	82	704408	19.02	ug/l	98
13) bis(2-Chloroethoxy) methan	16.02	93	371976	16.96	ug/l	100
14) 1,2,4-Trichlorobenzene	16.38	180	196875	15.13	ug/l	94
15) Naphthalene	16.62	128	776613	17.41	ug/l	99
16) Hexachlorobutadiene	17.39	225	109358	14.25	ug/l	89
18) 2-Chloronaphthalene	21.92	162	429570	19.02	ug/l	97
19) Acenaphthylene	23.75	152	706740	16.33	ug/l	99
20) Dimethyl phthalate	23.84	163	528820	17.98	ug/l	99
21) 2,6-Dinitrotoluene	23.96	77	48274	17.88	ug/l	96
22) Acenaphthene	24.60	153	464173	18.12	ug/l	91
23) 2,4-Dinitrotoluene	25.73	165	112147	16.47	ug/l	95
24) Fluorene	27.01	166	557847	18.93	ug/l	99
25) Diethyl phthalate	27.23	149	598892	20.13	ug/l	95
26) 4-Chlorophenyl-phenylether	27.35	204	259210	17.65	ug/l	95
28) N-Nitrosodiphenylamine	27.94	168	164387	16.67	ug/l	97
29) Azobenzene	28.02	77	765517	16.95	ug/l	98
31) Hexachlorobenzene	29.59	284	164691	19.01	ug/l	98
32) 4-Bromophenyl-phenylether	29.71	248	148378	17.25	ug/l	96
33) Phenanthrene	31.81	178	764209	18.31	ug/l	98
34) Anthracene	32.04	178	673402	16.01	ug/l	99
35) Di-n-butylphthalate	34.81	149	989947	19.14	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF1.D Vial: 5
Acq On : 21 May 2002 12:21 pm Operator: Nefliu
Sample : 052/17 ref kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 09:15:41 2002 Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoranthene	36.05	202	849443	17.96 ug/l	97
39)	Pyrene	36.66	202	892929	19.23 ug/l	97
40)	Buthylbenzylphthalate	38.93	149	391580	17.81 ug/l	94
41)	Benz(a)anthracene	39.92	228	700656	17.26 ug/l	99
42)	Chrysene	40.00	228	699492	18.23 ug/l	99
43)	Bis(2-ethylhexyl)phthalate	40.52	149	482937	17.70 ug/l	99
45)	Di-n-Octyl phthalate	42.03	149	628470	15.36 ug/l	98
46)	Benzo(b)fluoranthene	42.38	252	529685m	18.31 ug/l	
47)	Benzo(k)fluoranthene	42.43	252	555656	17.42 ug/l	95
48)	Benzo(a)pyrene	43.02	252	354878	12.76 ug/l	99
49)	Indeno(1,2,3-cd)pyrene	45.22	276	215099	12.12 ug/l	98
50)	Dibenz(a,h)anthracene	45.32	278	238368	14.02 ug/l	97
51)	Benzo(ghi)perylene	45.77	276	277293	15.74 ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517REF1.D Vial: 5
Acq On : 21 May 2002 12:21 pm Operator: Nefliu
Sample : 052/17 ref kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 9:16 2002 Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 2002
Response via : Initial Calibration