

User: Nefiu, Marcela
 Westchester Dept. of Labs & Research
 Date: 05/13/2002 Time: 16:03:16

Sample: AE10019
 Analysis: \$REGCMS Reference for GCMS Scan
 Units: ug
 Started: 4/26/02 15:57 Ended: 5/7/02 15:57 Analyst: MN
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		6.2		2.0
2	bis(2-Chloroethyl)ether		18		2.0
3	1,3-Dichlorobenzene		16		2.0
4	1,4-Dichlorobenzene		15		2.0
5	1,2-Dichlorobenzene		17		2.0
6	2,2-oxybis(1-Chloropropane)		19		2.0
7	n-Nitrosodi-n-propylamine		19		2.0
8	Hexachloroethane		12		2.0
9	Nitrobenzene		18		2.0
10	Isophorone		21		2.0
11	bis(2-Chloroethoxy)methane		18		2.0
12	1,2,4-Trichlorobenzene		16		2.0
13	Naphthalene		18		2.0
14	Hexachlorobutadiene		13		2.0
15	2-Chloronaphthalene		20		2.0
16	Dimethylphthalate		19		2.0
17	2,6-Dinitrotoluene		20		2.0
18	Acenaphthylene		17		2.0
19	Acenaphthene		19		2.0
20	2,4-Dinitrotoluene		19		2.0
21	Diethylphthalate		21		2.0
22	4-Chlorophenylphenylether		18		2.0
23	Fluorene		20		2.0
24	Azobenzene		17		2.0
25	n-Nitrosodiphenylamine		18		2.0
26	4-Bromophenylphenylether		19		2.0
27	Hexachlorobenzene		19		2.0
28	Phenanthrene		19		2.0
29	Anthracene		18		2.0
30	Di-n-butylphthalate		20		2.0
31	Fluoranthene		19		2.0
32	Pyrene		20		2.0
33	Butylbenzylphthalate		20		2.0
34	Benzo(a)anthracene		19		2.0
35	bis(2-Ethylhexyl)phthalate		21		2.0
36	Chrysene		20		2.0
37	Di-n-octylphthalate		17		2.0
38	Benzo(b)fluoranthene		19		2.0
39	Benzo(k)fluoranthene		20		2.0
40	Benzo(a)pyrene		15		2.0
41	Indeno(1,2,3-cd)pyrene		16		2.0
42	Dibenz(a,h)anthracene		18		2.0
43	Benzo(g,h,i)perylene		18		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/13/2002 Time: 16:03:13

Sample: AE10019
Analysis: \$Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/26/02 15:57 Ended: 5/7/02 15:57 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		31		2.0
2	bis(2-Chloroethyl)ether		90		2.0
3	1,3-Dichlorobenzene		80		2.0
4	1,4-Dichlorobenzene		75		2.0
5	1,2-Dichlorobenzene		85		2.0
6	2,2-oxybis(1-Chloropropane)		95		2.0
7	n-Nitrosodi-n-propylamine		95		2.0
8	Hexachloroethane		60		2.0
9	Nitrobenzene		90		2.0
10	Isophorone		100		2.0
11	bis(2-Chloroethoxy)methane		90		2.0
12	1,2,4-Trichlorobenzene		80		2.0
13	Naphthalene		90		2.0
14	Hexachlorobutadiene		65		2.0
15	2-Chloronaphthalene		100		2.0
16	Dimethylphthalate		95		2.0
17	2,6-Dinitrotoluene		100		2.0
18	Acenaphthylene		85		2.0
19	Acenaphthene		95		2.0
20	2,4-Dinitrotoluene		95		2.0
21	Diethylphthalate		100		2.0
22	4-Chlorophenylphenylether		90		2.0
23	Fluorene		100		2.0
24	Azobenzene		85		2.0
25	n-Nitrosodiphenylamine		90		2.0
26	4-Bromophenylphenylether		95		2.0
27	Hexachlorobenzene		95		2.0
28	Phenanthrene		95		2.0
29	Anthracene		90		2.0
30	Di-n-butylphthalate		100		2.0
31	Fluoranthene		95		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		100		2.0
34	Benzo(a)anthracene		95		2.0
35	bis(2-Ethylhexyl)phthalate		100		2.0
36	Chrysene		100		2.0
37	Di-n-octylphthalate		85		2.0
38	Benzo(b)fluoranthene		95		2.0
39	Benzo(k)fluoranthene		100		2.0
40	Benzo(a)pyrene		75		2.0
41	Indeno(1,2,3-cd)pyrene		80		2.0
42	Dibenz(a,h)anthracene		90		2.0
43	Benzo(g,h,i)perylene		90		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF1.D Vial: 7
 Acq On : 7 May 2002 6:04 pm Operator: Nefliu
 Sample : 04/26 ref Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: lscint.e
 Quant Time: May 09 09:18:59 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Tue May 07 08:04:29 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	567801	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	2184097	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	1152650	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1966304	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1596459	40.00	ug/l	-0.04
44) Perylene-d12	43.16	264	1058412	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.55	207	74009	8.04	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	80.40%	

Target Compounds

Qvalue

2) N-nitrosodimethylamine	3.94	74	56071m	6.19	ug/l	
3) bis(2-Chloroethyl) ether	10.65	93	388972	17.71	ug/l	96
4) 1,3-Dichlorobenzene	11.12	146	288038	15.71	ug/l	96
5) 1,4-Dichlorobenzene	11.43	146	300346	15.01	ug/l	95
6) 1,2-Dichlorobenzene	11.95	146	291674	16.79	ug/l	97
7) 2,2'-oxybis(1-Chloropropane	12.78	45	654975m	18.66	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	293624	18.69	ug/l	98
9) Hexachloroethane	13.26	119	103499	11.92	ug/l	96
11) Nitrobenzene	13.67	77	461016	17.58	ug/l	97
12) Isophorone	14.78	82	941776	20.62	ug/l	97
13) bis(2-Chloroethoxy) methan	16.02	93	494709	18.23	ug/l	97
14) 1,2,4-Trichlorobenzene	16.38	180	247497	15.80	ug/l	98
15) Naphthalene	16.62	128	999028	18.25	ug/l	99
16) Hexachlorobutadiene	17.39	225	114970	12.64	ug/l	97
18) 2-Chloronaphthalene	21.93	162	546193	19.90	ug/l	98
19) Acenaphthylene	23.76	152	905487	16.91	ug/l	98
20) Dimethyl phthalate	23.85	163	667328	18.64	ug/l	98
21) 2,6-Dinitrotoluene	23.96	77	61600	19.98	ug/l	92
22) Acenaphthene	24.60	153	586573	18.90	ug/l	97
23) 2,4-Dinitrotoluene	25.74	165	154963	18.80	ug/l	96
24) Fluorene	27.00	166	709996	19.89	ug/l	100
25) Diethyl phthalate	27.23	149	748318	20.79	ug/l	98
26) 4-Chlorophenyl-phenylether	27.35	204	323258	18.28	ug/l	97
28) N-Nitrosodiphenylamine	27.94	168	205216	17.64	ug/l	100
29) Azobenzene	28.03	77	946871m	17.21	ug/l	
31) Hexachlorobenzene	29.59	284	198099	19.10	ug/l	99
32) 4-Bromophenyl-phenylether	29.71	248	188239	18.54	ug/l	92
33) Phenanthrene	31.82	178	962519	19.25	ug/l	100
34) Anthracene	32.05	178	891413	17.60	ug/l	99
35) Di-n-butylphthalate	34.81	149	1262347	20.17	ug/l	99

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

0426REF1.D SCAN020507.M Thu May 09 09:19:43 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF1.D Vial: 7
Acq On : 7 May 2002 6:04 pm Operator: Nefliu
Sample : 04/26 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: lscint.e
Quant Time: May 09 09:18:59 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 07 08:04:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) Fluoranthene	36.06	202	1064228	18.88	ug/l	98
39) Pyrene	36.66	202	1120094	20.06	ug/l	98
40) Buthylbenzylphthalate	38.93	149	535999	19.95	ug/l	97
41) Benz(a)anthracene	39.92	228	924163	18.67	ug/l	99
42) Chrysene	40.00	228	911725	19.56	ug/l	97
43) Bis(2-ethylhexyl)phthalate	40.52	149	729714	21.34	ug/l	99
45) Di-n-Octyl phthalate	42.04	149	977524	16.96	ug/l	98
46) Benzo(b)fluoranthene	42.38	252	760456m	18.52	ug/l	
47) Benzo(k)fluoranthene	42.44	252	819420	19.51	ug/l	97
48) Benzo(a)pyrene	43.03	252	592157	15.05	ug/l	98
49) Indeno(1,2,3-cd)pyrene	45.22	276	458073	15.73	ug/l	100
50) Dibenz(a,h)anthracene	45.32	278	498004	18.04	ug/l	98
51) Benzo(ghi)perylene	45.78	276	514971	18.46	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0426REF1.D SCAN020507.M Thu May 09 09:19:43 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF1.D

Vial: 7

Acq On : 7 May 2002 6:04 pm

Operator: Nefliu

Sample : 04/26 ref

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 9 9:19 2002

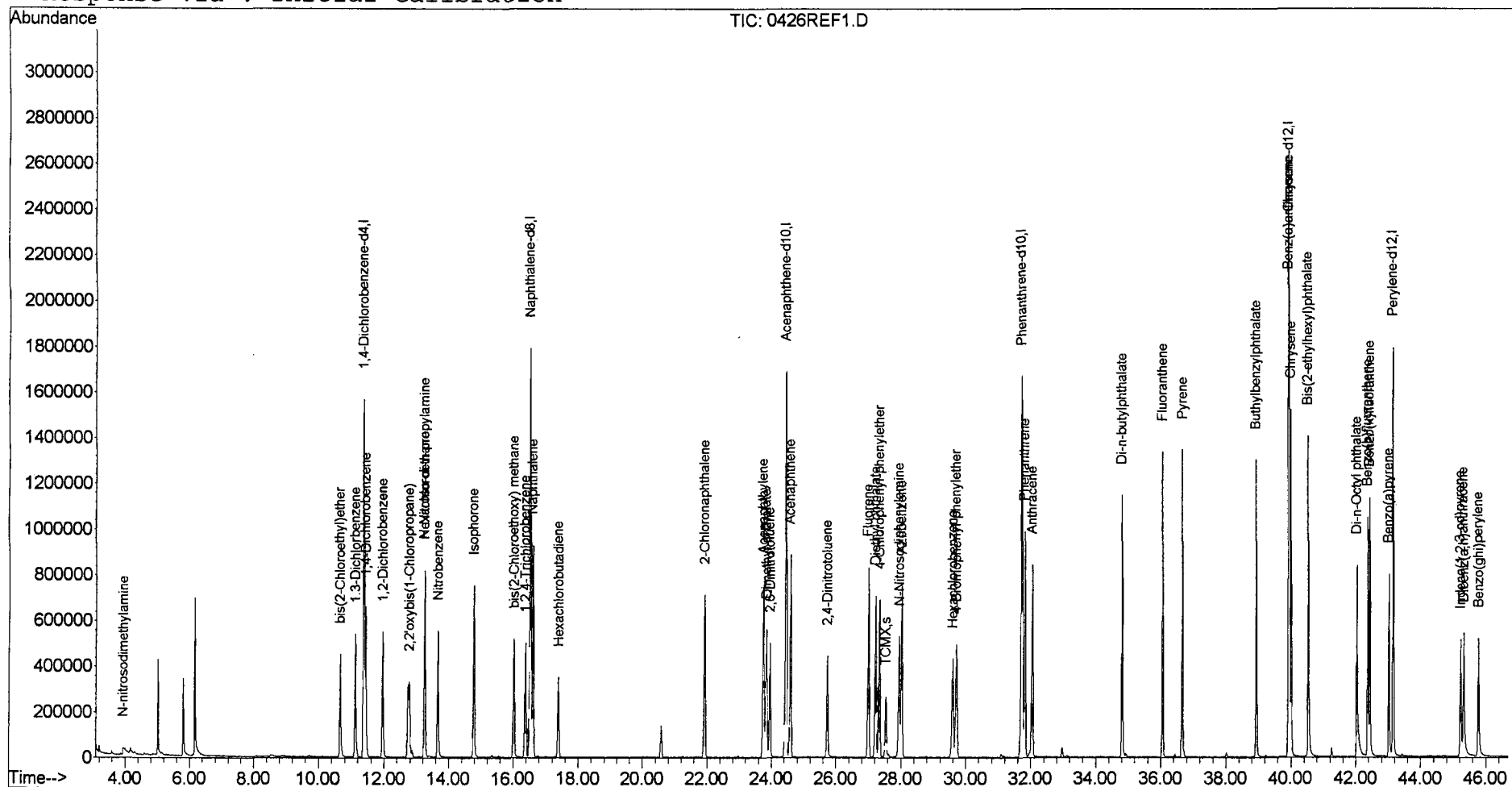
Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Tue May 07 08:04:29 2002

Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF2.D

Vial: 8

Acq On : 7 May 2002 7:03 pm

Operator: Nefliu

Sample : 04/26 ref

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:19:50 2002

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Tue May 07 08:04:29 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	587510	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	2239446	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.47	164	1190725	40.00	ug/l	-0.01
30) Phenanthrene-d10	31.72	188	2029382	40.00	ug/l	-0.02
38) Chrysene-d12	39.95	240	1661532	40.00	ug/l	-0.04
44) Perylene-d12	43.16	264	1087341	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.55	207	75678	7.96	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	79.60%	

Target Compounds

Qvalue

2) N-nitrosodimethylamine	3.94	74	49487m	5.28	ug/l	
3) bis(2-Chloroethyl) ether	10.65	93	376763	16.58	ug/l	97
4) 1,3-Dichlorobenzene	11.11	146	286808	15.12	ug/l	100
5) 1,4-Dichlorobenzene	11.43	146	296925	14.34	ug/l	99
6) 1,2-Dichlorobenzene	11.95	146	285382	15.87	ug/l	99
7) 2,2'-oxybis(1-Chloropropane	12.78	45	649921m	17.90	ug/l	
8) N-Nitroso-di-n-propylamine	13.26	43	288129	17.72	ug/l	97
9) Hexachloroethane	13.26	119	112142	12.48	ug/l	98
11) Nitrobenzene	13.67	77	466251	17.34	ug/l	96
12) Isophorone	14.78	82	935814	19.98	ug/l	96
13) bis(2-Chloroethoxy) methan	16.02	93	487809	17.53	ug/l	99
14) 1,2,4-Trichlorobenzene	16.38	180	247500	15.41	ug/l	99
15) Naphthalene	16.62	128	994013	17.71	ug/l	99
16) Hexachlorobutadiene	17.40	225	125793	13.49	ug/l	93
18) 2-Chloronaphthalene	21.93	162	536811	18.94	ug/l	99
19) Acenaphthylene	23.75	152	904835	16.36	ug/l	99
20) Dimethyl phthalate	23.85	163	663012	17.93	ug/l	98
21) 2,6-Dinitrotoluene	23.96	77	58690	18.43	ug/l	92
22) Acenaphthene	24.60	153	580778	18.11	ug/l	99
23) 2,4-Dinitrotoluene	25.73	165	155165	18.22	ug/l	97
24) Fluorene	27.00	166	700524	18.99	ug/l	100
25) Diethyl phthalate	27.23	149	740599	19.91	ug/l	96
26) 4-Chlorophenyl-phenylether	27.34	204	321141	17.58	ug/l	97
28) N-Nitrosodiphenylamine	27.94	168	205245	17.08	ug/l	97
29) Azobenzene	28.03	77	938824	16.52	ug/l	99
31) Hexachlorobenzene	29.60	284	194011	18.12	ug/l	98
32) 4-Bromophenyl-phenylether	29.71	248	185012	17.66	ug/l	92
33) Phenanthrene	31.82	178	950770	18.42	ug/l	98
34) Anthracene	32.05	178	890890	17.04	ug/l	98
35) Di-n-butylphthalate	34.81	149	1238983	19.18	ug/l	99

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

0426REF2.D SCAN020507.M

Thu May 09 09:20:27 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF2.D Vial: 8
 Acq On : 7 May 2002 7:03 pm Operator: Nefliu
 Sample : 04/26 ref Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: lscint.e
 Quant Time: May 09 09:19:50 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Tue May 07 08:04:29 2002
 Response via : Initial Calibration
 DataAcq Meth : 508SCAN1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) Fluoranthene	36.06	202	1060518	18.23	ug/l	98
39) Pyrene	36.66	202	1111770	19.13	ug/l	99
40) Buthylbenzylphthalate	38.93	149	518689	18.55	ug/l	100
41) Benz(a)anthracene	39.92	228	924238	17.94	ug/l	97
42) Chrysene	40.00	228	914551	18.85	ug/l	99
43) Bis(2-ethylhexyl)phthalate	40.52	149	719725	20.22	ug/l	97
45) Di-n-Octyl phthalate	42.03	149	950455	16.05	ug/l	99
46) Benzo(b)fluoranthene	42.38	252	766303m	18.17	ug/l	
47) Benzo(k)fluoranthene	42.44	252	783610	18.16	ug/l	99
48) Benzo(a)pyrene	43.02	252	566148	14.01	ug/l	98
49) Indeno(1,2,3-cd)pyrene	45.22	276	436581	14.59	ug/l	98
50) Dibenz(a,h)anthracene	45.32	278	464842	16.39	ug/l	98
51) Benzo(ghi)perylene	45.77	276	487741	17.02	ug/l	99

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 0426REF2.D SCAN020507.M Thu May 09 09:20:27 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\0426REF2.D
Acq On : 7 May 2002 7:03 pm
Sample : 04/26 ref
Misc :
MS Integration Params: lscint.e
Quant Time: May 9 9:20 2002

Vial: 8
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 07 08:04:29 2002
Response via : Initial Calibration

