User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 09:51:58

Sample: AE08482
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/10/02 09:47 Ended: 4/19/02 09:47 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		7.9		2.0
2	bis(2-Chloroethyl)ether		15		2.0
3	1,3-Dichlorobenzene		12		2.0
4	1,4-Dichlorobenzene		12		2.0
5	1,2-Dichlorobenzene		14		2.0
6	2,2-oxybis(1-Chloropropane)		16		2.0
7	n-Nitrosodi-n-propylamine		15		2.0
8	Hexachloroethane		8.8		2.0
9	Nitrobenzene		12		2.0
10	Isophorone		13		2.0
11	bis(2-Chloroethoxy)methane		16		2.0
12	1,2,4-Trichlorobenzene		13		2.0
13	Naphthalene		16		2.0
14	Hexachlorobutadiene		9.8		2.0
15	2-Chloronaphthalene		17		2.0
16	Dimethylphthalate		17		2.0
17	2,6-Dinitrotoluene		11		2.0
18	Acenaphthylene		14		2.0
19	Acenaphthene		17		2.0
20	2,4-Dinitrotoluene		10		2.0
21	Diethylphthalate		18		2.0
22	4-Chlorophenylphenylether		16		2.0
23	Fluorene		18		2.0
24	Azobenzene		14		2.0
25	n-Nitrosodiphenylamine		13		2.0
26	4-Bromophenylphenylether		17		2.0
27	Hexachlorobenzene		19		2.0
28	Phenanthrene		18		2.0
29	Anthracene		15		2.0
30	Di-n-butylphthalate		17		2.0
31	Fluoranthene		18		2.0
32	Pyrene		17		2.0
33	Butylbenzylphthalate		15		2.0
34	Benzo(a)anthracene		17		2.0
35	bis(2-Ethylhexyl)phthalate		16		2.0
36	Chrysene		18		2.0
37	Di-n-octylphthalate		13		2.0
38	Benzo(b)fluoranthene		16		2.0
39	Benzo(k)fluoranthene		16		2.0
40	Benzo(a)pyrene		12		2.0
41	Indeno(1,2,3-cd)pyrene		17		2.0
42	Dibenz(a,h)anthracene		20		2.0
43	Benzo(g,h,i)perylene		20		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 09:52:03

Sample: AE08482
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/10/02 09:47 Ended: 4/19/02 09:47 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		40		2.0
2	bis(2-Chloroethyl)ether		75		2.0
3	1,3-Dichlorobenzene		60		2.0
4	1,4-Dichlorobenzene		60		2.0
5	1,2-Dichlorobenzene		70		2.0
6	2,2-oxybis(1-Chloropropane)		80		2.0
7	n-Nitrosodi-n-propylamine		75		2.0
8	Hexachloroethane		44		2.0
9	Nitrobenzene		60		2.0
10	Isophorone		65		2.0
11	bis(2-Chloroethoxy)methane		80		2.0
12	1,2,4-Trichlorobenzene		65		2.0
13	Naphthalene		80		2.0
14	Hexachlorobutadiene		49		2.0
15	2-Chloronaphthalene		85		2.0
16	Dimethylphthalate		85		2.0
17	2,6-Dinitrotoluene		55		2.0
18	Acenaphthylene		70		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		50		2.0
21	Diethylphthalate		90		2.0
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		90		2.0
24	Azobenzene		70		2.0
25	n-Nitrosodiphenylamine		65		2.0
26	4-Bromophenylphenylether		85		2.0
27	Hexachlorobenzene		95		2.0
28	Phenanthrene		90		2.0
29	Anthracene		75		2.0
30	Di-n-butylphthalate		85		2.0
31	Fluoranthene		90		2.0
32	Pyrene		85		2.0
33	Butylbenzylphthalate		75		2.0
34	Benzo(a)anthracene		85		2.0
35	bis(2-Ethylhexyl)phthalate		80		2.0
36	Chrysene		90		2.0
37	Di-n-octylphthalate		65		2.0
38	Benzo(b)fluoranthene		80		2.0
39	Benzo(k)fluoranthene		80		2.0
40	Benzo(a)pyrene		60		2.0
41	Indeno(1,2,3-cd)pyrene		85		2.0
42	Dibenz(a,h)anthracene		100		2.0
43	Benzo(g,h,i)perylene		100		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410REF1.D Vial: 6
Acq On : 19 Apr 2002 1:02 pm Operator: Nefliu
Sample : 04/10 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 19 14:06:14 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 19 13:40:58 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	10596248	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	40978896	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	22147509	40.00	ug/l	-0.06
31) Phenanthrene-d10	31.72	188	32999867	40.00	ug/l	-0.05
39) Chrysene-d12	39.94	240	24554024	40.00	ug/l	-0.07
45) Perylene-d12	43.16	264	17082238	40.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	27.54	207	989366	7.19	ug/l	-0.07
Spiked Amount 10.000			Recovery = 71.90%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	4.00	74	1345627m	7.90	ug/l	
3) bis(2-Chloroethyl)ether	10.65	93	5252005	14.99	ug/l	99
4) 1.3-Dichlorbenzene	11.12	146	4603465	12.29	ug/l	98
5) 1,4-Dichlorobenzene	11.44	146	4834313	11.89	ug/l	99
6) 1,2-Dichlorobenzene	11.96	146	4873616	13.66	ug/l	98
7) 2,2'oxybis(1-Chloropropane	12.78	45	7934115m	16.09	ug/l	
8) N-Nitroso-di-n-propylamine	13.25	43	2841889	15.47	ug/l	99
9) Hexachloroethane	13.26	119	1230602	8.84	ug/l	91
11) Nitrobenzene	13.67	77	3701640	12.29	ug/l	98
12) Isophorone	14.78	82	7877412	13.29	ug/l	97
13) bis(2-Chloroethoxy) methan	16.03	93	6515170	15.60	ug/l	98
14) 1,2,4-Trichlorobenzene	16.39	180	3856352	13.24	ug/l	100
15) Naphthalene	16.62	128	15474724	15.83	ug/l	97
16) Hexachlorobutadiene	17.40	225	1288225	9.81	ug/l	97
18) Hexachlorocyclopentadiene	20.59	237	131550	1.29	ug/l	100
19) 2-Chloronaphthalene	21.93	162	9368934	17.32	ug/l	99
20) Acenaphthylene	23.75	152	14136878	14.28	ug/l	97
21) Dimethyl phthalate	23.85	163	11493289	17.35	ug/l	99
22) 2,6-Dinitrotoluene	23.96	77	350369	11.37	ug/l #	77
23) Acenaphthene	24.60	153	9277498	16.56	ug/l	98
24) 2,4-Dinitrotoluene	25.74	165	1257599	10.32	ug/l	98
25) Fluorene	27.01	166	11359040	17.54	ug/l	96
26) Diethyl phthalate	27.23	149	10692772	18.07	ug/l	99
27) 4-Chlorophenyl-phenylether	27.35	204	4805031	16.49	ug/l	99
29) N-Nitrosodiphenylamine	27.94	168	2734530	13.19	ug/l #	90
30) Azobenzene	28.03	77	9670169	14.01	ug/l	92
32) Hexachlorobenzene	29.60	284	3122614	18.52	ug/l	98
33) 4-Bromophenyl-phenylether	29.71	248	2767284	17.27	ug/l	90
34) Phenanthrene	31.82	178	16135829m	17.52	ug/l	
35) Anthracene	32.04	178	13744846	14.51	ug/l	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410REF1.D Vial: 6
Acq On : 19 Apr 2002 1:02 pm Operator: Nefliu
Sample : 04/10 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 19 14:06:14 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 19 13:40:58 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Di-n-butylphthalate	34.81	149	19157973	16.56	ug/l		99
37)	Fluoranthene	36.06	202	16399894	17.73	ug/l		84
40)	Pyrene	36.66	202	17215898	17.44	ug/l		91
41)	Buthylbenzylphthalate	38.93	149	7415765	14.82	ug/l		95
42)	Benz(a)anthracene	39.92	228	13861693	16.96	ug/l		97
43)	Chrysene	40.00	228	13404877	17.83	ug/l		97
44)	Bis(2-ethylhexyl)phthalate	40.53	149	9655118	15.72	ug/l		92
46)	Di-n-Octyl phthalate	42.04	149	14433173	12.71	ug/l		95
47)	Benzo(b)fluoranthene	42.37	252	11920554m	15.64	ug/l		
48)	Benzo(k)fluoranthene	42.44	252	11914146	15.71	ug/l		88
49)	Benzo(a)pyrene	43.02	252	8425693m	11.68	ug/l		
50)	Indeno(1,2,3-cd)pyrene	45.22	138	2894754	16.56	ug/l	#	44
51)	Dibenz(a,h)anthracene	45.32	139	2566429	19.60	ug/l	#	78
52)	Benzo(ghi)perylene	45.78	276	8044192	19.78	ug/l		84

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410REF1.D Vial: 6
Acq On : 19 Apr 2002 1:02 pm Operator: Nefliu
Sample : 04/10 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 22 15:33 2002 Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration