User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:45:55

Sample: AE08251
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/8/02 14:23 Ended: 4/17/02 14:23 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		9.1		2.0
2	bis(2-Chloroethyl)ether		18		2.0
3	1,3-Dichlorobenzene		9.8		2.0
4	1,4-Dichlorobenzene		11		2.0
5	1,2-Dichlorobenzene		12		2.0
6	2,2-oxybis(1-Chloropropane)		18		2.0
7	n-Nitrosodi-n-propylamine		19		2.0
8	Hexachloroethane		5.7		2.0
9	Nitrobenzene		16		2.0
10	Isophorone		14		2.0
11	bis(2-Chloroethoxy)methane		18		2.0
12	1,2,4-Trichlorobenzene		13		2.0
13	Naphthalene		17		2.0
14	Hexachlorobutadiene		4.6		2.0
15	2-Chloronaphthalene		18		2.0
16	Dimethylphthalate		22		2.0
17	2,6-Dinitrotoluene		17		2.0
18	Acenaphthylene		20		2.0
19	Acenaphthene		19		2.0
20	2,4-Dinitrotoluene		17		2.0
21	Diethylphthalate		21		2.0
22	4-Chlorophenylphenylether		20		2.0
23	Fluorene		20		2.0
24	Azobenzene		18		2.0
25	n-Nitrosodiphenylamine		16		2.0
26	4-Bromophenylphenylether		17		2.0
27	Hexachlorobenzene		15		2.0
28	Phenanthrene		20		2.0
29	Anthracene		18		2.0
30	Di-n-butylphthalate		21		2.0
31	Fluoranthene		20		2.0
32	Pyrene		23		2.0
33	Butylbenzylphthalate		22		2.0
34	Benzo(a)anthracene		21		2.0
35	bis(2-Ethylhexyl)phthalate		23		2.0
36	Chrysene		23		2.0
37	Di-n-octylphthalate		15		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		15		2.0
42	Dibenz(a,h)anthracene		23		2.0
43	Benzo(g,h,i)perylene		22		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:45:52

Sample: AE08251
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/8/02 14:23 Ended: 4/17/02 14:23 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		46		2.0
2	bis(2-Chloroethyl)ether		90		2.0
3	1,3-Dichlorobenzene		49		2.0
4	1,4-Dichlorobenzene		55		2.0
5	1,2-Dichlorobenzene		60		2.0
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		95		2.0
8	Hexachloroethane		28		2.0
9	Nitrobenzene		80		2.0
10	Isophorone		70		2.0
11	bis(2-Chloroethoxy)methane		90		2.0
12	1,2,4-Trichlorobenzene		65		2.0
13	Naphthalene		85		2.0
14	Hexachlorobutadiene		23		2.0
15	2-Chloronaphthalene		90		2.0
16	Dimethylphthalate		110		2.0
17	2,6-Dinitrotoluene		85		2.0
18	Acenaphthylene		100		2.0
19	Acenaphthene		95		2.0
20	2,4-Dinitrotoluene		85		2.0
21	Diethylphthalate		100		2.0
22	4-Chlorophenylphenylether		100		2.0
23	Fluorene		100		2.0
24	Azobenzene		90		2.0
25	n-Nitrosodiphenylamine		80		2.0
26	4-Bromophenylphenylether		85		2.0
27	Hexachlorobenzene		75		2.0
28	Phenanthrene		100		2.0
29	Anthracene		90		2.0
30	Di-n-butylphthalate		100		2.0
31	Fluoranthene		100		2.0
32					
33					
34	Benzo(a)anthracene		100		2.0
35					
36	Chrysene		120		2.0
37	Di-n-octylphthalate		75		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		75		2.0
42					
43	Benzo(g,h,i)perylene		110		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\0408REF1.D Vial: 5
Acq On : 17 Apr 2002 12:41 pm Operator: Nefliu
Sample : 04/08 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 17 13:36:37 2002 Quant Results File: 041702SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Apr 17 08:01:11 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.99	152	6655553	40.00	ug/L	-0.02
10) Napthalene-d8	13.49	136	25715482	40.00	ug/L	-0.03
17) Acenapthalene-d10	18.63	164	14066405	40.00	ug/L	-0.02
29) Phenanthranene-d10	23.02	188	21257923	40.00	ug/L	-0.02
37) Chrysene-d12	30.89	240	15736722	40.00	ug/L	-0.04
43) Perylene-d12	34.79	264	11511211	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.60	207	567847	7.28	ug/L	0.00
Spiked Amount 8.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.90	74	1125822	9.12	ug/L #	86
3) bis(2-Chloroethyl)ether	9.40	93	3943485	17.90	ug/L	90
4) 1,3-Dichlorobenzene	9.82	146	2384970	9.76	ug/L	98
5) 1,4-Dichlorobenzene	10.03	146	2617877	10.55	ug/L	99
6) 1,2-Dichlorobenzene	10.41	146	2759015	11.75	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.86	45	5992572m	18.03	ug/L	
8) N-nitroso-di-propylamine	11.19	70	2834846	18.52	ug/L	92
9) Hexachloroethane	11.31	117	495445	5.67	ug/L	96
11) Nitrobenzene	11.54	77	3851530	16.09	ug/L	94
12) Isophorone	12.26	82	6155759	14.45	ug/L	96
13) bis(2-Chloroethoxy) methan	13.00	93	4911393	18.21	ug/L	97
14) 1,2,4-Trichlorobenzene	13.36	180	2290334	12.74	ug/L	99
15) Napthalene	13.54	128	10943443	16.99	ug/L	98
16) Hexachlorobutadiene	13.99	225	430731	4.60	ug/L	98
18) 2-Chloronaphthalene	16.99	162	6423123	17.51	ug/L	96
19) Dimethylphthalate	18.07	163	8419113	21.55	ug/L	99
20) 2,6-Dinitrotoluene	18.18	165	1480999	17.05	ug/L	98
21) Acenapthylene	18.19	152	10634136	19.89	ug/L	97
22) Acenapthalene	18.72	153	7234071	18.78	ug/L	97
23) 2,4-Dinitrotoluene	19.34	165	1880966	17.25	ug/L	90
24) Diethylphthalate	20.21	149	8571945	21.36	ug/L	99
25) 4-Chlorophenyl-phenylether	20.39	204	3767118	20.16	ug/L	98
26) Fluorene	20.27	166	8534003	19.94	ug/L	97
28) Azobenzene	20.85	77	8682950	18.34	ug/L #	89
30) Nnitrosodiphenylamine	20.76	169	4287299	15.84	ug/L	92
31) 4-Bromophenyl-phenylether	21.83	248	1909975	16.82	ug/L	97
32) Hexachlorobenzene	21.86	284	1830782	15.06	ug/L	99
33) Phenanthrene	23.09	178	12105980	20.36	ug/L	97
34) Anthracene	23.24	178	10703148	18.40	ug/L	98
35) Di-n-butylphthalate	25.16	149	14204828	21.30	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\0408REF1.D Vial: 5
Acq On : 17 Apr 2002 12:41 pm Operator: Nefliu
Sample : 04/08 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 17 13:36:37 2002 Quant Results File: 041702SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Apr 17 08:01:11 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.61	202	11842334	20.06	ug/L	100
38)	Pyrene	27.25	202	12477658	22.66	ug/L	99
39)	Butylbenzylphthalate	29.60	149	5384545	21.82	ug/L	94
40)	Benzo(a)anthracene	30.86	228	9357268	20.61	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.46	149	7112491	23.21	ug/L	98
42)	Chrysene	30.96	228	10206924m	23.27	ug/L	
44)	Di-n-octylphthalate	33.32	149	9092462	14.51	ug/L	98
45)	Benzo(b)fluoranthene	33.83	252	8251842m	19.21	ug/L	
46)	Benzo(k)fluoranthene	33.90	252	9815094	19.58	ug/L	97
47)	Benzo(a)pyrene	34.63	252	6267096m	15.31	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.49	276	4363890	15.37	ug/L	98
49)	Dibenz(a,h)anthracene	37.62	278	5808511	22.83	ug/L	100
50)	Benzo(g,h,i)perylene	38.25	276	6138199	21.94	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020417\0408REF1.D Vial: 5
Acq On : 17 Apr 2002 12:41 pm Operator: Nefliu
Sample : 04/08 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 17 13:37 2002 Quant Results File: 041702SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041702SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Apr 17 08:01:11 2002
Response via : Initial Calibration