User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/18/2002 Time: 09:15:59

Sample: AE03730
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/19/02 08:30 Ended: 3/12/02 08:30 Analyst: TB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.09		2.0
2	bis(2-Chloroethyl)ether		9.13		2.0
3	1,3-Dichlorobenzene		5.19		2.0
4	1,4-Dichlorobenzene		5.73		2.0
5	1,2-Dichlorobenzene		6.34		2.0
6	2,2-oxybis(1-Chloropropane)		8.98		2.0
7	n-Nitrosodi-n-propylamine		10.33		2.0
8	Hexachloroethane		3.15		2.0
9	Nitrobenzene		6.84		2.0
10	Isophorone		8.39		2.0
11	bis(2-Chloroethoxy)methane		7.63		2.0
12	1,2,4-Trichlorobenzene		5.97		2.0
13	Naphthalene		7.67		2.0
14	Hexachlorobutadiene		1.59		2.0
15	2-Chloronaphthalene		6.96		2.0
16	Dimethylphthalate		8.36		2.0
17	2,6-Dinitrotoluene		7.40		2.0
18	Acenaphthylene		8.52		2.0
19	Acenaphthene		8.01		2.0
20	2,4-Dinitrotoluene		7.27		2.0
21	Diethylphthalate		9.38		2.0
22	4-Chlorophenylphenylether		8.18		2.0
23	Fluorene		8.73		2.0
24	Azobenzene/1,2-Diphenylhydr		7.80		2.0
25	n-Nitrosodiphenylamine		8.40		2.0
26	4-Bromophenylphenylether		8.54		2.0
27	Hexachlorobenzene		8.17		2.0
28	Phenanthrene		8.78		2.0
29	Anthracene		8.62		2.0
30	Di-n-butylphthalate		9.13		2.0
31	Fluoranthene		8.84		2.0
32	Pyrene		7.50		2.0
33	Butylbenzylphthalate		7.42		2.0
34	Benzo(a)anthracene		7.95		2.0
35	bis(2-Ethylhexyl)phthalate		7.95		2.0
36	Chrysene		8.82		2.0
37	Di-n-octylphthalate		6.42		2.0
38	Benzo(b)fluoranthene		8.20		2.0
39	Benzo(k)fluoranthene		8.91		2.0
40	Benzo(a)pyrene		7.55		2.0
41	Indeno(1,2,3-cd)pyrene		6.47		2.0
42	Dibenz(a,h)anthracene		7.67		2.0
43	Benzo(g,h,i)perylene		6.92		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/18/2002 Time: 09:15:47

Sample: AE03730
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/19/02 08:30 Ended: 3/12/02 08:30 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		50.9		2.0
2	bis(2-Chloroethyl)ether	USPEC	91.3		2.0
3	1,3-Dichlorobenzene		51.9		2.0
4	1,4-Dichlorobenzene		57.3		2.0
5	1,2-Dichlorobenzene		63.4		2.0
6	2,2-oxybis(1-Chloropropane)		89.8		2.0
7	n-Nitrosodi-n-propylamine	USPEC	103.3		2.0
8	Hexachloroethane		31.5		2.0
9	Nitrobenzene		68.4		2.0
10	Isophorone		83.9		2.0
11	bis(2-Chloroethoxy)methane		76.3		2.0
12	1,2,4-Trichlorobenzene		59.7		2.0
13	Naphthalene		76.7		2.0
14	Hexachlorobutadiene	LSPEC	15.9		2.0
15	2-Chloronaphthalene		69.6		2.0
16	Dimethylphthalate		83.6		2.0
17	2,6-Dinitrotoluene		74.0		2.0
18	Acenaphthylene		85.2		2.0
19	Acenaphthene		80.1		2.0
20	2,4-Dinitrotoluene		72.7		2.0
21	Diethylphthalate		93.8		2.0
22	4-Chlorophenylphenylether		81.8		2.0
23	Fluorene		87.3		2.0
24	Azobenzene/1,2-Diphenylhydr		78.0		2.0
25	n-Nitrosodiphenylamine	USPEC	84.0		2.0
26	4-Bromophenylphenylether		85.4		2.0
27	Hexachlorobenzene		81.7		2.0
28	Phenanthrene		87.8		2.0
29	Anthracene		86.2		2.0
30	Di-n-butylphthalate		91.3		2.0
31	Fluoranthene		88.4		2.0
32	Pyrene		75.0		2.0
33	Butylbenzylphthalate		74.2		2.0
34	Benzo(a)anthracene		79.5		2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	79.5		2.0
36	Chrysene		88.2		2.0
37	Di-n-octylphthalate		64.2		2.0
38	Benzo(b)fluoranthene		82.0		2.0
39	Benzo(k)fluoranthene		89.1		2.0
40	Benzo(a)pyrene		75.5		2.0
41	Indeno(1,2,3-cd)pyrene		64.7		2.0
42	Dibenz(a,h)anthracene		76.7		2.0
43	Benzo(g,h,i)perylene		69.2		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\REFC0312.D Vial: 51
Acq On : 12 Mar 2002 9:51 pm Operator: McLean
Sample : REF 3 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 13:53:19 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1761791	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4691253	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2640021	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	4150705	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	3946616	20.00	ug/L	0.00
44) Perylene-d12	34.20	264	2672363	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	302203	6.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 122.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	201488	5.09	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	569278	9.13	ug/L	82
4) 1,3 - Dichlorobenze	9.38	146	320330	5.19	ug/L	96
5) 1,4 - Dichlorobenzene	9.59	146	352553	5.73	ug/L	97
6) 1,2 - Dichlorobenzene	9.96	146	361011	6.34	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1275850	8.98	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	463311	10.33	ug/L	96
9) Hexachloroethane	10.86	117	72872	3.15	ug/L	100
11) Nitrobenzene	11.10	77	577574	6.84	ug/L	95
12) Isophorone	11.81	82	1304127	8.39	ug/L	100
13) bis(2-Chloroethoxy) methan	12.55	93	714375	7.63	ug/L	98
14) 1,2,4-Trichlorobenzene	12.90	180	320501	5.97	ug/L	98
15) Naphthalene	13.08	128	1495442	7.67	ug/L	99
16) Hexachlorobutadiene	13.53	225	47672	1.59	ug/L	97
18) Hexachlorocyclopentadiene	15.61	237	23622	1.02	ug/L	95
19) 2-chloronaphthalene	16.51	162	838501	6.96	ug/L	98
20) Dimethylphthalate	17.60	163	1202812	8.36	ug/L	100
21) 2,6-Dinitrotoluene	17.71	165	226475	7.40	ug/L	91
22) Acenaphthylene	17.70	152	1423689	8.52	ug/L	100
23) Acenaphthene	18.22	153	910780	8.01	ug/L	99
24) 2,4-Dinitrotoluene	18.85	165	318689	7.27	ug/L	97
25) Diethylphthalate	19.73	149	1160925	9.38	ug/L	97
26) 4-Chlorophenyl-phenyl ethe	19.89	204	539486	8.18	ug/L	98
27) Fluorene	19.76	166	1170047	8.73	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1424000	7.80	ug/L	97
30) N-Nitrosodiphenylamine	20.26	169	749530	8.40	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	312846	8.54	ug/L	93
32) Hexachlorobenzene	21.34	284	315581	8.17	ug/L	98
33) Phenanthrene	22.56	178	1687305	8.78	ug/L	99
34) Anthracene	22.70	178	1645042	8.62	ug/L	100
35) Di-n-butylphthalate	24.65	149	2011252	9.13	ug/L	99
36) Fluoranthene	26.06	202	1930931	8.84	ug/L	99
39) Pyrene	26.69	202	2047589	7.50	ug/L	97
40) Butylbenzylphthalate	29.05	149	866613	7.42	ug/L	98
41) Benzo (a) antracene	30.29	228	1646721	7.95	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1227560	7.95	ug/L	97
43) Chrysene	30.39	228	1735554	8.82	ug/L	98
45) Di-n-Octylphthalate	32.76	149	1843113	6.42	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	1544808	8.20	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\REFC0312.D Vial: 51
Acq On : 12 Mar 2002 9:51 pm Operator: McLean
Sample : REF 3 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 13:53:19 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1711396	8.91 ug/L	99
48) Benzo (a) pyrene	34.03	252	1215082	7.55 ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.71	276	598824	6.47 ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	682383	7.67 ug/L	99
51) Benzo (g,h,i) perylene	37.38	276	615896	6.92 ug/L	98

(#) = qualifier out of range (m) = manual integration
REFC0312.D 5080302.M Fri Mar 15 13:57:16 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031202\REFC0312.D Vial: 51
Acq On : 12 Mar 2002 9:51 pm Operator: McLean
Sample : REF 3 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 13:53 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration