User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 15:09:09

Sample: AE02457
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/1/02 14:50 Ended: 3/1/02 14:50 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		1.14		2.0
2	bis(2-Chloroethyl)ether		2.52		2.0
3	1,3-Dichlorobenzene		0.93		2.0
4	1,4-Dichlorobenzene		1.12		2.0
5	1,2-Dichlorobenzene		1.31		2.0
6	2,2-oxybis(1-Chloropropane)		2.48		2.0
7	n-Nitrosodi-n-propylamine		2.34		2.0
8	Hexachloroethane		0.43		2.0
9	Nitrobenzene		1.93		2.0
10	Isophorone		2.21		2.0
11	bis(2-Chloroethoxy)methane		2.27		2.0
12	1,2,4-Trichlorobenzene		1.33		2.0
13	Naphthalene		2.21		2.0
14	Hexachlorobutadiene		0.30		2.0
15	2-Chloronaphthalene		2.01		2.0
16	Dimethylphthalate		2.60		2.0
17	2,6-Dinitrotoluene		1.88		2.0
18	Acenaphthylene		2.56		2.0
19	Acenaphthene		2.60		2.0
20	2,4-Dinitrotoluene		1.56		2.0
21	Diethylphthalate		2.95		2.0
22	4-Chlorophenylphenylether		2.60		2.0
23	Fluorene		2.89		2.0
24	Azobenzene/1,2-Diphenylhydraz		2.37		2.0
25	n-Nitrosodiphenylamine		2.58		2.0
26	4-Bromophenylphenylether		2.78		2.0
27	Hexachlorobenzene		2.49		2.0
28	Phenanthrene		2.93		2.0
29	Anthracene		2.72		2.0
30	Di-n-butylphthalate		2.84		2.0
31	Fluoranthene		2.86		2.0
32	Pyrene		2.62		2.0
33	Butylbenzylphthalate		2.12		2.0
34	Benzo(a)anthracene		2.71		2.0
35	bis(2-Ethylhexyl)phthalate		3.44		2.0
36	Chrysene		2.95		2.0
37	Di-n-octylphthalate		2.25		2.0
38	Benzo(b)fluoranthene		2.70		2.0
39	Benzo(k)fluoranthene		3.00		2.0
40	Benzo(a)pyrene		2.38		2.0
41	Indeno(1,2,3-cd)pyrene		2.22		2.0
42	Dibenz(a,h)anthracene		2.69		2.0
43	Benzo(g,h,i)perylene		2.72		2.0

User: Fakhouri, Morgan
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Sample: AE02457
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/1/02 14:50 Ended: 3/1/02 14:50 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	[illegible]				
2	bis(2-Chloroethyl)ether		50		2.0
3	[illegible]				
4	1,4-Dichlorobenzene		22		2.0
5	[illegible]				
6	2,2-oxybis(1-Chloropropane)		50		2.0
7	n-Nitrosodi-n-propylamine		47		2.0
8	[illegible]				
9	[illegible]				
10	[illegible]				
11	[illegible]				
12	[illegible]				
13	Naphthalene		44		2.0
14	[illegible]				
15	2-Chloronaphthalene		40		2.0
16	Dimethylphthalate		52		2.0
17	2,6-Dinitrotoluene		38		2.0
18	Acenaphthylene		51		2.0
19	Acenaphthene		52		2.0
20	2,4-Dinitrotoluene		31		2.0
21	Diethylphthalate		59		2.0
22	4-Chlorophenylphenylether		52		2.0
23	Fluorene		58		2.0
24	Azobenzene/1,2-Diphenylhydraz		47		2.0
25	n-Nitrosodiphenylamine		52		2.0
26	4-Bromophenylphenylether		56		2.0
27	Hexachlorobenzene		50		2.0
28	Phenanthrene		59		2.0
29	Anthracene		54		2.0
30	Di-n-butylphthalate		57		2.0
31	Fluoranthene		57		2.0
32	Pyrene		52		2.0
33	Butylbenzylphthalate		42		2.0
34	Benzo(a)anthracene		54		2.0
35	bis(2-Ethylhexyl)phthalate		69		2.0
36	Chrysene		59		2.0
37	Di-n-octylphthalate		45		2.0
38	Benzo(b)fluoranthene		54		2.0
39	Benzo(k)fluoranthene		60		2.0
40	Benzo(a)pyrene		48		2.0
41	Indeno(1,2,3-cd)pyrene		44		2.0
42	Dibenz(a,h)anthracene		54		2.0
43	Benzo(g,h,i)perylene		54		2.0

9/73 b

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\0204REF.D Vial: 3
Acq On : 27 Feb 2002 10:42 am Operator: McLean
Sample : GC SCAN 2/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 01 08:49:24 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1698715	20.00	ug/L	0.00
10) Naphthalene-d8	13.06	136	4359925	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2371851	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	3633859	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	3519560	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	2458657	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	191118	3.31	ug/L	0.00
Spiked Amount 5.000			Recovery = 66.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.66	74	58424	1.14	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	202886	2.52	ug/L	81
4) 1,3 - Dichlorobenze	9.41	146	70255	0.93	ug/L	94
5) 1,4 - Dichlorobenzene	9.62	146	84232	1.12	ug/L	97
6) 1,2 - Dichlorobenzene	10.00	146	91740	1.31	ug/L	92
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	482338	2.48	ug/L	99
8) N-Nitroso-di-n-propylamine	10.78	70	144121	2.34	ug/L	94
9) Hexachloroethane	10.89	117	13101	0.43	ug/L	100
11) Nitrobenzene	11.13	77	196480	1.93	ug/L	99
12) Isophorone	11.85	82	409140	2.21	ug/L	96
13) bis(2-Chloroethoxy) methan	12.58	93	254792	2.27	ug/L	99
14) 1,2,4-Trichlorobenzene	12.94	180	82176	1.33	ug/L	97
15) Naphthalene	13.11	128	507732	2.21	ug/L	99
16) Hexachlorobutadiene	13.56	225	10446	0.30	ug/L	89
18) Hexachlorocyclopentadiene	15.64	237	1118m	0.05	ug/L	
19) 2-chloronaphthalene	16.54	162	272170	2.01	ug/L	96
20) Dimethylphthalate	17.62	163	420371	2.60	ug/L	100
21) 2,6-Dinitrotoluene	17.72	165	62151	1.88	ug/L	93
22) Acenaphthylene	17.72	152	476237	2.56	ug/L	99
23) Acenaphthene	18.25	153	336997	2.60	ug/L	98
24) 2,4-Dinitrotoluene	18.88	165	73705	1.56	ug/L	94
25) Diethylphthalate	19.75	149	409000	2.95	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.93	204	186950	2.60	ug/L	97
27) Fluorene	19.78	166	426210	2.89	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.37	77	501489	2.37	ug/L	98
30) N-Nitrosodiphenylamine	20.29	169	250089	2.58	ug/L	96
31) 4-Bromophenyl-phenyl ether	21.35	248	106837	2.78	ug/L	95
32) Hexachlorobenzene	21.37	284	98172	2.49	ug/L	98
33) Phenanthrene	22.59	178	618130	2.93	ug/L	100
34) Anthracene	22.74	178	550708	2.72	ug/L	99
35) Di-n-butylphthalate	24.68	149	690400	2.84	ug/L	99
36) Fluoranthene	26.09	202	692399	2.86	ug/L	98
39) Pyrene	26.71	202	748118	2.62	ug/L	98
40) Butylbenzylphthalate	29.08	149	259641	2.12	ug/L	95
41) Benzo (a) antracene	30.31	228	626758	2.71	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.95	149	548471	3.44	ug/L	97
43) Chrysene	30.41	228	664615	2.95	ug/L	99
45) Di-n-Octylphthalate	32.79	149	567205	2.25	ug/L	100
46) Benzo (b) fluoranthene	33.26	252	554606	2.70	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\0204REF.D Vial: 3
Acq On : 27 Feb 2002 10:42 am Operator: McLean
Sample : GC SCAN 2/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 1 8:49 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration