User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/24/2002 Time: 09:51:07

Sample: AE07376
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 4/18/02 09:45 Ended: 4/18/02 09:45 Analyst: TB
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 207.80 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 200.25 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 186.22 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 182.88 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 195.79 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 187.90 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 196.96 | | 2.0 |
| 8 | Hexachloroethane | | 177.03 | | 2.0 |
| 9 | Nitrobenzene | | 212.78 | | 2.0 |
| 10 | Isophorone | | 187.96 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 192.41 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 180.80 | | 2.0 |
| 13 | Naphthalene | | 171.69 | | 2.0 |
| 14 | Hexachlorobutadiene | | 186.69 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 200.70 | | 2.0 |
| 16 | Dimethylphthalate | | 192.75 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 213.70 | | 2.0 |
| 18 | Acenaphthylene | | 189.95 | | 2.0 |
| 19 | Acenaphthene | | 174.94 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 220.52 | | 2.0 |
| 21 | Diethylphthalate | | 171.66 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 180.12 | | 2.0 |
| 23 | Fluorene | | 170.85 | | 2.0 |
| 24 | Azobenzene | | 176.89 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 167.69 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 187.53 | | 2.0 |
| 27 | Hexachlorobenzene | | 184.79 | | 2.0 |
| 28 | Phenanthrene | | 174.42 | | 2.0 |
| 29 | Anthracene | | 179.21 | | 2.0 |
| 30 | Di-n-butylphthalate | | 182.08 | | 2.0 |
| 31 | Fluoranthene | | 192.09 | | 2.0 |
| 32 | Pyrene | | 194.48 | | 2.0 |
| 33 | Butylbenzylphthalate | | 203.70 | | 2.0 |
| 34 | Benzo(a)anthracene | | 205.17 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 191.39 | | 2.0 |
| 36 | Chrysene | | 192.74 | | 2.0 |
| 37 | Di-n-octylphthalate | | 197.34 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 202.06 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 184.66 | | 2.0 |
| 40 | Benzo(a)pyrene | | 202.15 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 227.20 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 217.08 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 207.37 | | 2.0 |

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\041802\C100B418.D Vial: 19
Acq On : 19 Apr 2002 12:24 am Operator: Bohlk
Sample : C100 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 08:27:15 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.42 | 152 | 488057 | 40.00 | ug/L | 0.00 |
| 10) Naphthalene-d8 | 12.90 | 136 | 2051229 | 40.00 | ug/L | 0.01 |
| 17) Acenaphthene-d10 | 18.00 | 164 | 1128310 | 40.00 | ug/L | 0.02 |
| 30) Phenanthrene-d10 | 22.35 | 188 | 1639891 | 40.00 | ug/L | 0.01 |
| 39) Chrysene-d12 | 30.19 | 240 | 1208364 | 40.00 | ug/L | 0.04 |
| 45) Perylene-d12 | 34.04 | 264 | 799394 | 40.00 | ug/L | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX (SURR) | 19.97 | 244 | 42946 | 9.54 | ug/L | 0.02 |
| Spiked Amount 10.000 | | | Recovery = 95.40% | | | |
| 38) 2,4-DDD (SURR) | 0.00 | 235 | 0 | 0.00 | ug/L | |
| Spiked Amount 10.000 | | | Recovery = 0.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 3.45 | 74 | 2932831 | 207.80 | ug/L | 88 |
| 3) bis(2-chloroethyl) ether | 8.87 | 93 | 4143939 | 200.25 | ug/L | 81 |
| 4) 1,3 - Dichlorobenze | 9.25 | 146 | 3148581 | 186.22 | ug/L | 98 |
| 5) 1,4 - Dichlorobenzene | 9.47 | 146 | 3309898 | 182.88 | ug/L | 99 |
| 6) 1,2 - Dichlorobenzene | 9.84 | 146 | 2896460 | 195.79 | ug/L | 99 |
| 7) 2,2 ' - oxybis (1-Chloropr | 10.31 | 45 | 5800474 | 187.90 | ug/L | 96 |
| 8) N-Nitroso-di-n-propylamine | 10.68 | 70 | 2905286 | 196.96 | ug/L | 94 |
| 9) Hexachloroethane | 10.73 | 117 | 1424986 | 177.03 | ug/L | 99 |
| 11) Nitrobenzene | 11.01 | 77 | 4235474 | 212.78 | ug/L | 97 |
| 12) Isophorone | 11.72 | 82 | 7443410 | 187.96 | ug/L | 99 |
| 13) bis(2-Chloroethoxy) methan | 12.46 | 93 | 4648239 | 192.41 | ug/L | 99 |
| 14) 1,2,4-Trichlorobenzene | 12.79 | 180 | 2399308 | 180.80 | ug/L | 99 |
| 15) Naphthalene | 12.97 | 128 | 8612201 | 171.69 | ug/L | 100 |
| 16) Hexachlorobutadiene | 13.41 | 225 | 1194139 | 186.69 | ug/L | 96 |
| 18) Hexachlorocyclopentadiene | 15.48 | 237 | 1227045 | 232.38 | ug/L | 96 |
| 19) 2-chloronaphthalene | 16.39 | 162 | 4581051 | 200.70 | ug/L | 96 |
| 20) Dimethylphthalate | 17.50 | 163 | 6254931 | 192.75 | ug/L | 99 |
| 21) 2,6-Dinitrotoluene | 17.63 | 165 | 1350841 | 213.70 | ug/L | 95 |
| 22) Acenaphthylene | 17.58 | 152 | 7926349 | 189.95 | ug/L | 99 |
| 23) Acenaphthene | 18.11 | 153 | 4617436 | 174.94 | ug/L | 99 |
| 24) 2,4-Dinitrotoluene | 18.77 | 165 | 1679072 | 220.52 | ug/L | 97 |
| 25) Diethylphthalate | 19.63 | 149 | 4624900 | 171.66 | ug/L | 99 |
| 26) 4-Chlorophenyl-phenyl ethe | 19.78 | 204 | 2683183 | 180.12 | ug/L | 98 |
| 27) Fluorene | 19.65 | 166 | 5202043 | 170.85 | ug/L | 99 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 20.24 | 77 | 8287898 | 176.89 | ug/L | 97 |
| 31) N-Nitrosodiphenylamine | 20.16 | 169 | 2931949 | 167.69 | ug/L | 99 |
| 32) 4-Bromophenyl-phenyl ether | 21.21 | 248 | 1422940 | 187.53 | ug/L | 99 |
| 33) Hexachlorobenzene | 21.23 | 284 | 1310595 | 184.79 | ug/L | 99 |
| 34) Phenanthrene | 22.44 | 178 | 7926371 | 174.42 | ug/L | 99 |
| 35) Anthracene | 22.60 | 178 | 8307570 | 179.21 | ug/L | 99 |
| 36) Di-n-butylphthalate | 24.54 | 149 | 9462048 | 182.08 | ug/L | 100 |
| 37) Fluoranthene | 25.95 | 202 | 9257885 | 192.09 | ug/L | 96 |
| 40) Pyrene | 26.58 | 202 | 8862110 | 194.48 | ug/L | 97 |
| 41) Butylbenzylphthalate | 28.94 | 149 | 4287935 | 203.70 | ug/L | 91 |
| 42) Benzo (a) antracene | 30.17 | 228 | 7550817 | 205.17 | ug/L | 99 |
| 43) Bis (2-ethylhexyl) phthala | 30.79 | 149 | 5721667 | 191.39 | ug/L | 99 |
| 44) Chrysene | 30.28 | 228 | 7021309 | 192.74 | ug/L | 99 |

2x100?

140-260

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\041802\C100B418.D Vial: 19
Acq On : 19 Apr 2002 12:24 am Operator: Bohlk
Sample : C100 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 08:27:15 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Compound | R.T. | QIon | Response | Conc | Unit | Qvalue |
|---|---|---|---|---|---|---|
| 46) Di-n-Octylphthalate | 32.64 | 149 | 9812716 | 197.34 | ug/L | 96 |
| 47) Benzo (b) fluoranthene | 33.13 | 252 | 6222615 | 202.06 | ug/L | 96 |
| 48) Benzo (k) fluoranthene | 33.22 | 252 | 6446715 | 184.66 | ug/L | 97 |
| 49) Benzo (a) pyrene | 33.93 | 252 | 6107862 | 202.15 | ug/L | 96 |
| 50) Indeno (1,2,3-cd) pyrene | 36.59 | 276 | 3602988 | 227.20 | ug/L | 89 |
| 51) Dibenz (a,h) anthracene | 36.69 | 278 | 3481242 | 217.08 | ug/L | 89 |
| 52) Benzo (g,h,i) perylene | 37.26 | 276 | 3507601 | 207.37 | ug/L | 84 |

(#) = qualifier out of range (m) = manual integration
C100B418.D 5080402BBC.M Fri Apr 19 08:27:43 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041802\C100B418.D Vial: 19
Acq On : 19 Apr 2002 12:24 am Operator: Bohlk
Sample : C100 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 8:27 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration