User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 10:42:49

Sample: AE07416
Analysis: SC1GCMS CALI GCMS
Units: ug
Started: 4/19/02 10:37 Ended: 4/19/02 10:37 Analyst: TB
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 163.80 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 167.89 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 158.28 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 157.24 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 165.91 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 158.10 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 164.73 | | 2.0 |
| 8 | Hexachloroethane | | 151.57 | | 2.0 |
| 9 | Nitrobenzene | | 173.23 | | 2.0 |
| 10 | Isophorone | | 158.03 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 160.29 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 152.89 | | 2.0 |
| 13 | Naphthalene | | 146.45 | | 2.0 |
| 14 | Hexachlorobutadiene | | 157.00 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 168.90 | | 2.0 |
| 16 | Dimethylphthalate | | 160.85 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 173.21 | | 2.0 |
| 18 | Acenaphthylene | | 161.59 | | 2.0 |
| 19 | Acenaphthene | | 148.05 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 174.76 | | 2.0 |
| 21 | Diethylphthalate | | 147.43 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 152.39 | | 2.0 |
| 23 | Fluorene | | 146.05 | | 2.0 |
| 24 | Azobenzene | | 151.57 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 150.48 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 157.50 | | 2.0 |
| 27 | Hexachlorobenzene | | 156.14 | | 2.0 |
| 28 | Phenanthrene | | 149.33 | | 2.0 |
| 29 | Anthracene | | 152.54 | | 2.0 |
| 30 | Di-n-butylphthalate | | 154,56 | | 2.0 |
| 31 | Fluoranthene | | 162.96 | | 2.0 |
| 32 | Pyrene | | 161.57 | | 2.0 |
| 33 | Butylbenzylphthalate | | 170.24 | | 2.0 |
| 34 | Benzo(a)anthracene | | 166.86 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 160.90 | | 2.0 |
| 36 | Chrysene | | 162.12 | | 2.0 |
| 37 | Di-n-octylphthalate | | 170.49 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 169.32 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 159.08 | | 2.0 |
| 40 | Benzo(a)pyrene | | 165.21 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 178.72 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 169.22 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 162.88 | | 2.0 |

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\C80A0419.D Vial: 2
Acq On : 19 Apr 2002 1:10 pm Operator: Bohlk
Sample : C80 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 14:08:42 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 | 469724 | 40.00 | ug/L | 0.00 |
| 10) Naphthalene-d8 | 12.90 | 136 | 1984267 | 40.00 | ug/L | 0.01 |
| 17) Acenaphthene-d10 | 18.00 | 164 | 1077172 | 40.00 | ug/L | 0.01 |
| 30) Phenanthrene-d10 | 22.35 | 188 | 1552126 | 40.00 | ug/L | 0.01 |
| 39) Chrysene-d12 | 30.18 | 240 | 1163798 | 40.00 | ug/L | 0.03 |
| 45) Perylene-d12 | 34.03 | 264 | 734844 | 40.00 | ug/L | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX (SURR) | 19.97 | 244 | 44478 | 10.35 | ug/L | 0.01 |
| Spiked Amount 10.000 | | | Recovery = 103.50% | | | |
| 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 | 2225009 | 163.80 | ug/L | 85 |
| 3) bis(2-chloroethyl) ether | 8.86 | 93 | 3343763 | 167.89 | ug/L | 82 |
| 4) 1,3 - Dichlorobenze | 9.25 | 146 | 2575711 | 158.28 | ug/L | 100 |
| 5) 1,4 - Dichlorobenzene | 9.47 | 146 | 2739060 | 157.24 | ug/L | 98 |
| 6) 1,2 - Dichlorobenzene | 9.84 | 146 | 2362209 | 165.91 | ug/L | 98 |
| 7) 2,2 ' - oxybis (1-Chloropr | 10.31 | 45 | 4697340 | 158.10 | ug/L | 95 |
| 8) N-Nitroso-di-n-propylamine | 10.66 | 70 | 2338619 | 164.73 | ug/L | 93 |
| 9) Hexachloroethane | 10.73 | 117 | 1174252 | 151.57 | ug/L | 98 |
| 11) Nitrobenzene | 11.00 | 77 | 3335603 | 173.23 | ug/L | 99 |
| 12) Isophorone | 11.70 | 82 | 6053670 | 158.03 | ug/L | 98 |
| 13) bis(2-Chloroethoxy) methan | 12.46 | 93 | 3745887 | 160.29 | ug/L | 100 |
| 14) 1,2,4-Trichlorobenzene | 12.78 | 180 | 1962707 | 152.89 | ug/L | 99 |
| 15) Naphthalene | 12.97 | 128 | 7106001 | 146.45 | ug/L | 99 |
| 16) Hexachlorobutadiene | 13.40 | 225 | 971474 | 157.00 | ug/L | 99 |
| 18) Hexachlorocyclopentadiene | 15.48 | 237 | 965204 | 191.47 | ug/L | 98 |
| 19) 2-chloronaphthalene | 16.39 | 162 | 3680414 | 168.90 | ug/L | 98 |
| 20) Dimethylphthalate | 17.50 | 163 | 4983132 | 160.85 | ug/L | 99 |
| 21) 2,6-Dinitrotoluene | 17.62 | 165 | 1045280 | 173.21 | ug/L | 99 |
| 22) Acenaphthylene | 17.57 | 152 | 6437347 | 161.59 | ug/L | 99 |
| 23) Acenaphthene | 18.11 | 153 | 3730525 | 148.05 | ug/L | 99 |
| 24) 2,4-Dinitrotoluene | 18.76 | 165 | 1270308 | 174.76 | ug/L | 99 |
| 25) Diethylphthalate | 19.62 | 149 | 3792146 | 147.43 | ug/L | 98 |
| 26) 4-Chlorophenyl-phenyl ethe | 19.78 | 204 | 2167198 | 152.39 | ug/L | 98 |
| 27) Fluorene | 19.64 | 166 | 4245358 | 146.05 | ug/L | 100 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 20.23 | 77 | 6779960 | 151.57 | ug/L | 97 |
| 31) N-Nitrosodiphenylamine | 20.15 | 169 | 2490210 | 150.48 | ug/L | 99 |
| 32) 4-Bromophenyl-phenyl ether | 21.19 | 248 | 1131155 | 157.50 | ug/L | 94 |
| 33) Hexachlorobenzene | 21.23 | 284 | 1048181 | 156.14 | ug/L | 98 |
| 34) Phenanthrene | 22.44 | 178 | 6422832 | 149.33 | ug/L | 98 |
| 35) Anthracene | 22.59 | 178 | 6692800 | 152.54 | ug/L | 100 |
| 36) Di-n-butylphthalate | 24.53 | 149 | 7602151 | 154.56 | ug/L | 99 |
| 37) Fluoranthene | 25.94 | 202 | 7433709 | 162.96 | ug/L | 94 |
| 40) Pyrene | 26.57 | 202 | 7091155 | 161.57 | ug/L | 96 |
| 41) Butylbenzylphthalate | 28.93 | 149 | 3451502 | 170.24 | ug/L | 92 |
| 42) Benzo (a) antracene | 30.16 | 228 | 5914386 | 166.86 | ug/L | 99 |
| 43) Bis (2-ethylhexyl) phthala | 30.79 | 149 | 4632882 | 160.90 | ug/L | 98 |
| 44) Chrysene | 30.27 | 228 | 5688006 | 162.12 | ug/L | 99 |

112-208
2x 80

(#) = qualifier out of range (m) = manual integration
C80A0419.D 5080402BBC.M Fri Apr 19 14:09:23 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\041902\C80A0419.D Vial: 2
Acq On : 19 Apr 2002 1:10 pm Operator: Bohlk
Sample : C80 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 14:08:42 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 | 32.63 | 149 | 7793261 | 170.49 ug/L | 98 |
| 47) Benzo (b) fluoranthene | 33.12 | 252 | 4793199 | 169.32 ug/L | 96 |
| 48) Benzo (k) fluoranthene | 33.20 | 252 | 5105378 | 159.08 ug/L | 96 |
| 49) Benzo (a) pyrene | 33.91 | 252 | 4588847 | 165.21 ug/L | 94 |
| 50) Indeno (1,2,3-cd) pyrene | 36.57 | 276 | 2605358 | 178.72 ug/L | 87 |
| 51) Dibenz (a,h) anthracene | 36.68 | 278 | 2494662 | 169.22 ug/L | 89 |
| 52) Benzo (g,h,i) perylene | 37.23 | 276 | 2532602 | 162.88 ug/L | 84 |

(#) = qualifier out of range (m) = manual integration
C80A0419.D 5080402BBC.M Fri Apr 19 14:09:23 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041902\C80A0419.D Vial: 2
Acq On : 19 Apr 2002 1:10 pm Operator: Bohlk
Sample : C80 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 19 14:08 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