User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 14:45:03

Sample: AE11926
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 5/29/02 14:09 Ended: 5/29/02 14:09 Analyst: MF
Page: 1

| | Component Name | Vial | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 53.31 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 52.05 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 50.68 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 50.62 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 50.93 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 54.14 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 56.95 | | 2.0 |
| 8 | Hexachloroethane | | 54.78 | | 2.0 |
| 9 | Nitrobenzene | | 56.49 | | 2.0 |
| 10 | Isophorone | | 55.60 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 52.32 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 49.72 | | 2.0 |
| 13 | Naphthalene | | 50.47 | | 2.0 |
| 14 | Hexachlorobutadiene | | 50.99 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 50.38 | | 2.0 |
| 16 | Dimethylphthalate | | 53.05 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 59.49 | | 2.0 |
| 18 | Acenaphthylene | | 50.10 | | 2.0 |
| 19 | Acenaphthene | | 50.96 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 60.26 | | 2.0 |
| 21 | Diethylphthalate | | 50.88 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 50.76 | | 2.0 |
| 23 | Fluorene | | 51.67 | | 2.0 |
| 24 | Azobenzene | | 55.77 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 54.84 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 51.03 | | 2.0 |
| 27 | Hexachlorobenzene | | 49.75 | | 2.0 |
| 28 | Phenanthrene | | 49.66 | | 2.0 |
| 29 | Anthracene | | 51.29 | | 2.0 |
| 30 | Di-n-butylphthalate | | 55.96 | | 2.0 |
| 31 | Fluoranthene | | 49.36 | | 2.0 |
| 32 | Pyrene | | 57.18 | | 2.0 |
| 33 | Butylbenzylphthalate | | 53.86 | | 2.0 |
| 34 | Benzo(a)anthracene | | 56.70 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 48.52 | | 2.0 |
| 36 | Chrysene | | 49.21 | | 2.0 |
| 37 | Di-n-octylphthalate | | 57.08 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 57.90 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 57.51 | | 2.0 |
| 40 | Benzo(a)pyrene | | 56.80 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 54.76 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 53.95 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 52.17 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\50CALCC.D Vial: 2
Acq On : 23 May 2002 9:54 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 10:42:07 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.90 | 152 | 4316750 | 40.00 | ug/L | 0.00 |
| 10) Napthalene-d8 | 13.40 | 136 | 17615107 | 40.00 | ug/L | 0.00 |
| 17) Acenapthalene-d10 | 18.53 | 164 | 9744242 | 40.00 | ug/L | 0.00 |
| 29) Phenanthranene-d10 | 22.92 | 188 | 15207432 | 40.00 | ug/L | 0.00 |
| 37) Chrysene-d12 | 30.78 | 240 | 9906852 | 40.00 | ug/L | -0.03 |
| 43) Perylene-d12 | 34.66 | 264 | 5710920 | 40.00 | ug/L | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 27) TCMX | 20.51 | 209 | 715985 | 12.75 | ug/L | 0.00 |
| Spiked Amount 10.000 | | | Recovery = 127.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) n-nitros-dimethyl amine | 3.80 | 74 | 4295231 | 53.31 | ug/L | 93 |
| 3) bis(2-Chloroethyl)ether | 9.32 | 93 | 8324262 | 52.05 | ug/L | 97 |
| 4) 1,3-Dichlorobenzene | 9.73 | 146 | 8165284 | 50.68 | ug/L | 98 |
| 5) 1,4-Dichlorobenzene | 9.95 | 146 | 8859763 | 50.62 | ug/L | 100 |
| 6) 1,2-Dichlorobenzene | 10.32 | 146 | 7849159 | 50.93 | ug/l | 99 |
| 7) 2,2'oxybis(1-Chloropropane | 10.78 | 45 | 13264127m | 54.14 | ug/L | |
| 8) N-nitroso-di-propylamine | 11.11 | 70 | 5927020 | 56.95 | ug/L | 97 |
| 9) Hexachloroethane | 11.23 | 117 | 3475883 | 54.78 | ug/L | 97 |
| 11) Nitrobenzene | 11.47 | 77 | 8737001 | 56.49 | ug/L | 97 |
| 12) Isophorone | 12.18 | 82 | 15574861 | 55.60 | ug/L | 98 |
| 13) bis(2-Chloroethoxy) methan | 12.92 | 93 | 10269109 | 52.32 | ug/L | 98 |
| 14) 1,2,4-Trichlorobenzene | 13.27 | 180 | 6615980 | 49.72 | ug/L | 99 |
| 15) Napthalene | 13.46 | 128 | 23435434 | 50.47 | ug/L | 100 |
| 16) Hexachlorobutadiene | 13.90 | 225 | 3239457 | 50.99 | ug/L | 98 |
| 18) 2-Chloronaphthalene | 16.90 | 162 | 12575838 | 50.38 | ug/L | 98 |
| 19) Dimethylphthalate | 17.99 | 163 | 16250704 | 53.05 | ug/L | 100 |
| 20) 2,6-Dinitrotoluene | 18.10 | 165 | 2926625m | 59.49 | ug/L | |
| 21) Acenapthylene | 18.10 | 152 | 20853614 | 50.10 | ug/L | 99 |
| 22) Acenapthalene | 18.63 | 153 | 13394336 | 50.96 | ug/L | 100 |
| 23) 2,4-Dinitrotoluene | 19.25 | 165 | 3876124m | 60.26 | ug/L | |
| 24) Diethylphthalate | 20.12 | 149 | 14560850 | 50.88 | ug/L | 99 |
| 25) 4-Chlorophenyl-phenylether | 20.30 | 204 | 7751263 | 50.76 | ug/L | 99 |
| 26) Fluorene | 20.17 | 166 | 16008536 | 51.67 | ug/L | 98 |
| 28) Azobenzene | 20.75 | 77 | 18799352 | 55.77 | ug/L | 99 |
| 30) Nnitrosodiphenylamine | 20.67 | 169 | 8416106 | 54.84 | ug/L | 99 |
| 31) 4-Bromophenyl-phenylether | 21.73 | 248 | 3974508 | 51.03 | ug/L | 98 |
| 32) Hexachlorobenzene | 21.76 | 284 | 3765708 | 49.75 | ug/L | 97 |
| 33) Phenanthrene | 22.99 | 178 | 22716566 | 49.66 | ug/L | 100 |
| 34) Anthracene | 23.14 | 178 | 23094712 | 51.29 | ug/L | 100 |
| 35) Di-n-butylphthalate | 25.06 | 149 | 25421462 | 55.96 | ug/L | 99 |

35-65

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\50CALCC.D Vial: 2
Acq On : 23 May 2002 9:54 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 10:42:07 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Compound | R.T. | QIon | Response | Conc | Unit | Qvalue |
|---|---|---|---|---|---|---|
| 36) Fluoroanthene | 26.51 | 202 | 23713803 | 49.36 | ug/L | 99 |
| 38) Pyrene | 27.15 | 202 | 22498297 | 57.18 | ug/L | 99 |
| 39) Butylbenzylphthalate | 29.49 | 149 | 9070050 | 53.86 | ug/L | 98 |
| 40) Benzo(a)anthracene | 30.75 | 228 | 16841599 | 56.70 | ug/L | 99 |
| 41) Bis(2-ethylhexyl)phthalate | 31.35 | 149 | 10625861 | 48.52 | ug/L | 98 |
| 42) Chrysene | 30.85 | 228 | 16793053m | 49.21 | ug/L | |
| 44) Di-n-octylphthalate | 33.20 | 149 | 14056135 | 57.08 | ug/L | 99 |
| 45) Benzo(b)fluoranthene | 33.72 | 252 | 13132673 | 57.90 | ug/L | 99 |
| 46) Benzo(k)fluoranthene | 33.79 | 252 | 14610835 | 57.51 | ug/L | 99 |
| 47) Benzo(a)pyrene | 34.51 | 252 | 11524116m | 56.80 | ug/L | |
| 48) Indeno(1,2,3-cd)pyrene | 37.34 | 276 | 7406610 | 54.76 | ug/L | 97 |
| 49) Dibenz(a,h)anthracene | 37.46 | 278 | 8026087 | 53.95 | ug/L | 99 |
| 50) Benzo(g,h,i)perylene | 38.08 | 276 | 8239796 | 52.17 | ug/L | 98 |

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\50CALCC.D Vial: 2
Acq On : 23 May 2002 9:54 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 14:50 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 13:05:24 2002
Response via : Initial Calibration