User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 14:42:28

Sample: AD30694
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 1/1/20 00:02 Ended: 1/1/20 00:02 Analyst: MF
Result source: m:\instruments\209\data\dec3101\refd.d\refd.rr
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 2.5 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 3.9 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 2.3 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 2.6 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 2.8 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 5.4 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 5.0 | | 2.0 |
| 8 | Hexachloroethane | | 2.0 | | 2.0 |
| 9 | Nitrobenzene | | 4.1 | | 2.0 |
| 10 | Isophorone | | 4.6 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 3.9 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 2.8 | | 2.0 |
| 13 | Naphthalene | | 3.7 | | 2.0 |
| 14 | Hexachlorobutadiene | | 1.6 | | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 0.0 | | 2.0 |
| 16 | 2-Chloronaphthalene | | 3.4 | | 2.0 |
| 17 | Dimethylphthalate | | 3.9 | | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 2.8 | | 2.0 |
| 19 | Acenaphthylene | | 3.7 | | 2.0 |
| 20 | Acenaphthene | | 3.9 | | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 2.3 | | 2.0 |
| 22 | Diethylphthalate | | 4.4 | | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 3.9 | | 2.0 |
| 24 | Fluorene | | 4.0 | | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydraz | | 4.4 | | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 2.5 | | 2.0 |
| 27 | 4-Bromophenylphenylether | | 3.7 | | 2.0 |
| 28 | Hexachlorobenzene | | 3.7 | | 2.0 |
| 29 | Phenanthrene | | 4.0 | | 2.0 |
| 30 | Anthracene | | 3.6 | | 2.0 |
| 31 | Di-n-butylphthalate | | 4.0 | | 2.0 |
| 32 | Fluoranthene | | 4.0 | | 2.0 |
| 33 | Pyrene | | 3.8 | | 2.0 |
| 34 | Butylbenzylphthalate | | 3.2 | | 2.0 |
| 35 | Benzo(a)anthracene | | 3.6 | | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 3.2 | | 2.0 |
| 37 | Chrysene | | 4.1 | | 2.0 |
| 38 | Di-n-octylphthalate | | 2.7 | | 2.0 |
| 39 | Benzo(b)fluoranthene | | 3.9 | | 2.0 |
| 40 | Benzo(k)fluoranthene | | 4.7 | | 2.0 |
| 41 | Benzo(a)pyrene | | 3.0 | | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 2.7 | | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 2.9 | | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 3.0 | | 2.0 |

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 14:42:55

Sample: AD30694
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 1/1/20 00:02 Ended: 1/1/20 00:02 Analyst: MF
Result source: calculation
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 50 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 78 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 46 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 52 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 56 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | USPEC | 110 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | USPEC | 100 | | 2.0 |
| 8 | Hexachloroethane | | 40 | | 2.0 |
| 9 | Nitrobenzene | | 82 | | 2.0 |
| 10 | Isophorone | | 92 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 78 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 56 | | 2.0 |
| 13 | Naphthalene | | 74 | | 2.0 |
| 14 | Hexachlorobutadiene | | 32 | | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 0.0 | | 2.0 |
| 16 | 2-Chloronaphthalene | | 68 | | 2.0 |
| 17 | Dimethylphthalate | | 78 | | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 56 | | 2.0 |
| 19 | Acenaphthylene | | 74 | | 2.0 |
| 20 | Acenaphthene | | 78 | | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 46 | | 2.0 |
| 22 | Diethylphthalate | | 88 | | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 78 | | 2.0 |
| 24 | Fluorene | | 80 | | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydraz | | 88 | | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 50 | | 2.0 |
| 27 | 4-Bromophenylphenylether | | 74 | | 2.0 |
| 28 | Hexachlorobenzene | | 74 | | 2.0 |
| 29 | Phenanthrene | | 80 | | 2.0 |
| 30 | Anthracene | | 72 | | 2.0 |
| 31 | Di-n-butylphthalate | | 80 | | 2.0 |
| 32 | Fluoranthene | | 80 | | 2.0 |
| 33 | Pyrene | | 76 | | 2.0 |
| 34 | Butylbenzylphthalate | | 64 | | 2.0 |
| 35 | Benzo(a)anthracene | | 72 | | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 64 | | 2.0 |
| 37 | Chrysene | | 82 | | 2.0 |
| 38 | Di-n-octylphthalate | | 54 | | 2.0 |
| 39 | Benzo(b)fluoranthene | | 78 | | 2.0 |
| 40 | Benzo(k)fluoranthene | | 94 | | 2.0 |
| 41 | Benzo(a)pyrene | | 60 | | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 54 | | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 58 | | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 60 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\REFD.D Vial: 27
Acq On : 1 Jan 2002 2:08 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 8:43 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.68 | 152 | 979210 | 20.00 | ug/l | | -0.02 |
| 10) Naphthalene-d8 | 15.28 | 136 | 3789979 | 20.00 | ug/l | | -0.02 |
| 17) Acenaphthene-d10 | 20.56 | 164 | 1891860 | 20.00 | ug/l | | -0.01 |
| 29) Phenanthrene-d10 | 24.98 | 188 | 2862295m | 20.00 | ug/l | | -0.01 |
| 38) Chrysene-d12 | 33.02 | 240 | 1807168 | 20.00 | ug/l | | -0.01 |
| 44) Perylene-d12 | 37.12 | 264 | 1050070 | 20.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 37) 2,4-DDD | 30.06 | 235 | 162455 | 5.16 | ug/mL | | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 103.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.43 | 74 | 106572 | 2.47 | ug/l | # | 69 |
| 3) bis(2-Chloroethyl)ether | 11.10 | 93 | 263721m | 3.90 | ug/l | | |
| 4) 1,3-Dichlorobenzene | 11.58 | 146 | 164989 | 2.32 | ug/l | | 97 |
| 5) 1,4-Dichlorobenzene | 11.72 | 146 | 187672 | 2.61 | ug/l | # | 97 |
| 6) 1,2-Dichlorobenzene | 12.24 | 146 | 185841 | 2.80 | ug/l | | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 12.57 | 45 | 461602 | 5.36 | ug/l | # | 91 |
| 8) N-Nitroso-di-n-propylamine | 12.96 | 70 | 191685 | 4.98 | ug/l | | 90 |
| 9) Hexachloroethane | 13.06 | 117 | 51016 | 1.95 | ug/l | | 95 |
| 11) Nitrobenzene | 13.37 | 77 | 241887 | 4.09 | ug/l | # | 84 |
| 12) Isophorone | 14.00 | 82 | 519591 | 4.57 | ug/l | # | 92 |
| 13) bis(2-Chloroethoxy)methane | 14.70 | 93 | 296302 | 3.88 | ug/l | | 98 |
| 14) 1,2,4-Trichlorobenzene | 15.17 | 180 | 156295 | 2.84 | ug/l | | 98 |
| 15) Naphthalene | 15.34 | 128 | 665937 | 3.68 | ug/l | | 99 |
| 16) Hexachlorobutadiene | 15.89 | 225 | 43136 | 1.61 | ug/l | | 97 |
| 18) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | | |
| 19) 2-Chloronaphthalene | 18.85 | 162 | 363442 | 3.37 | ug/l | | 95 |
| 20) Dimethylphthalate | 19.95 | 163 | 487632 | 3.88 | ug/l | | 99 |
| 21) 2,6-Dinitrotoluene | 20.16 | 165 | 82226 | 2.77 | ug/l | # | 58 |
| 22) Acenaphthylene | 20.09 | 152 | 559184 | 3.69 | ug/l | | 99 |
| 23) Acenaphthene | 20.65 | 153 | 419019 | 3.86 | ug/l | | 100 |
| 24) 2,4-Dinitrotoluene | 21.35 | 165 | 85075 | 2.25 | ug/l | # | 61 |
| 25) Diethylphthalate | 22.07 | 149 | 514939 | 4.43 | ug/l | | 98 |
| 26) 4-Chlorophenyl-phenylether | 22.21 | 204 | 197652 | 3.89 | ug/l | | 95 |
| 27) Fluorene | 22.17 | 166 | 440491 | 3.96 | ug/l | | 99 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 22.67 | 77 | 525220 | 4.37 | ug/L | # | 84 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\REFD.D Vial: 27
Acq On : 1 Jan 2002 2:08 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 8:43 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 22.61 | 168 | 127524 | 2.51 | ug/l | # | |
| 31) | 4-Bromophenyl-phenylether | 23.67 | 248 | 104368 | 3.71 | ug/l | | |
| 32) | Hexachlorobenzene | 24.08 | 284 | 114935 | 3.71 | ug/l | | |
| 33) | Phenanthrene | 25.04 | 178 | 605489 | 3.99 | ug/l | | |
| 34) | Anthracene | 25.18 | 178 | 539088 | 3.57 | ug/l | | |
| 35) | Di-n-butylphthalate | 27.00 | 149 | 814822 | 4.04 | ug/l | # | |
| 36) | Fluoranthene | 28.67 | 202 | 576018 | 3.94 | ug/l | | |
| 39) | Pyrene | 29.34 | 202 | 589565 | 3.78 | ug/l | | 98 |
| 40) | Butylbenzylphthalate | 31.50 | 149 | 258061 | 3.17 | ug/l | # | 82 |
| 41) | Benzo(a)anthracene | 32.97 | 228 | 385881 | 3.58 | ug/l | | 100 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.30 | 149 | 351351 | 3.19 | ug/l | | 98 |
| 43) | Chrysene | 33.09 | 228 | 436760 | 4.14 | ug/l | | 98 |
| 45) | Di-n-Octylphthalate | 35.04 | 149 | 378145 | 2.71 | ug/l | # | 88 |
| 46) | Benzo(b)fluoranthene | 36.05 | 252 | 309703 | 3.92 | ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 36.11 | 252 | 382745 | 4.72 | ug/l | | 98 |
| 48) | Benzo(a)pyrene | 36.94 | 252 | 208401 | 3.03 | ug/l | | 97 |
| 49) | Indeno(1,2,3-cd)pyrene | 40.86 | 276 | 184520 | 2.69 | ug/l | | 93 |
| 50) | Dibenz(a,h)anthracene | 40.92 | 278 | 154483 | 2.87 | ug/l | | 93 |
| 51) | Benzo(g,h,i)perylene | 41.93 | 276 | 176835 | 3.01 | ug/l | # | 88 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\REFD.D
Acq On : 1 Jan 2002 2:08 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 18 8:43 2002

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration