User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 12:45:02

Sample: AD31498
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/27/02 12:36 Ended: 2/27/02 12:36 Analyst: MG
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 4.94 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 7.16 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 4.12 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 4.32 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 4.61 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 6.87 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 7.14 | | 2.0 |
| 8 | Hexachloroethane | | 2.94 | | 2.0 |
| 9 | Nitrobenzene | | 5.29 | | 2.0 |
| 10 | Isophorone | | 7.21 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 6.62 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 4.35 | | 2.0 |
| 13 | Naphthalene | | 5.69 | | 2.0 |
| 14 | Hexachlorobutadiene | | 2.16 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 5.66 | | 2.0 |
| 16 | Dimethylphthalate | | 6.68 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 5.43 | | 2.0 |
| 18 | Acenaphthylene | | 6.45 | | 2.0 |
| 19 | Acenaphthene | | 6.25 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 5.38 | | 2.0 |
| 21 | Diethylphthalate | | 6.46 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 6.09 | | 2.0 |
| 23 | Fluorene | | 6.28 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 5.88 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 5.73 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 5.50 | | 2.0 |
| 27 | Hexachlorobenzene | | 5.46 | | 2.0 |
| 28 | Phenanthrene | | 6.59 | | 2.0 |
| 29 | Anthracene | | 6.40 | | 2.0 |
| 30 | Di-n-butylphthalate | | 6.41 | | 2.0 |
| 31 | Fluoranthene | | 6.33 | | 2.0 |
| 32 | Pyrene | | 6.54 | | 2.0 |
| 33 | Butylbenzylphthalate | | 5.98 | | 2.0 |
| 34 | Benzo(a)anthracene | | 6.60 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 6.23 | | 2.0 |
| 36 | Chrysene | | 7.18 | | 2.0 |
| 37 | Di-n-octylphthalate | | 4.44 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 5.75 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 6.58 | | 2.0 |
| 40 | Benzo(a)pyrene | | 5.83 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 7.14 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 7.81 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 7.66 | | 2.0 |

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 12:47:58

Sample: AD31498
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/27/02 12:36 Ended: 2/27/02 12:36 Analyst: MG
Result source: calculation
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 49 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 72 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 41 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 43 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 46 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 69 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 71 | | 2.0 |
| 8 | Hexachloroethane | | 29 | | 2.0 |
| 9 | Nitrobenzene | | 53 | | 2.0 |
| 10 | Isophorone | | 72 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 66 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 44 | | 2.0 |
| 13 | Naphthalene | | 57 | | 2.0 |
| 14 | Hexachlorobutadiene | | 22 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 57 | | 2.0 |
| 16 | Dimethylphthalate | | 67 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 54 | | 2.0 |
| 18 | Acenaphthylene | | 65 | | 2.0 |
| 19 | Acenaphthene | | 63 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 54 | | 2.0 |
| 21 | Diethylphthalate | | 65 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 61 | | 2.0 |
| 23 | Fluorene | | 63 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 59 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 57 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 55 | | 2.0 |
| 27 | Hexachlorobenzene | | 55 | | 2.0 |
| 28 | Phenanthrene | | 66 | | 2.0 |
| 29 | Anthracene | | 64 | | 2.0 |
| 30 | Di-n-butylphthalate | | 64 | | 2.0 |
| 31 | Fluoranthene | | 63 | | 2.0 |
| 32 | Pyrene | | 65 | | 2.0 |
| 33 | Butylbenzylphthalate | | 60 | | 2.0 |
| 34 | Benzo(a)anthracene | | 66 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 62 | | 2.0 |
| 36 | Chrysene | | 72 | | 2.0 |
| 37 | Di-n-octylphthalate | | 44 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 58 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 66 | | 2.0 |
| 40 | Benzo(a)pyrene | | 58 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 71 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 78 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 77 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\REFB.D Vial: 31
Acq On : 22 Feb 2002 8:43 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 25 8:28 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.33 | 152 | 266364 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.97 | 136 | 1033461 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.29 | 164 | 543015 | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.74 | 188 | 774439 | 20.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.81 | 240 | 534703 | 20.00 | ug/l | -0.04 |
| 44) Perylene-d12 | 38.09 | 264 | 363322 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.81 | 235 | 47958 | 5.35 | ug/mL | 0.32 |
| Spiked Amount 5.000 | | | Recovery = 107.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.95 | 74 | 52620 | 4.94 | ug/l # | 74 |
| 3) bis(2-Chloroethyl)ether | 11.72 | 93 | 125396 | 7.16 | ug/l | 95 |
| 4) 1,3-Dichlorobenzene | 12.23 | 146 | 85755 | 4.12 | ug/l | 100 |
| 5) 1,4-Dichlorobenzene | 12.37 | 146 | 91857 | 4.32 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.89 | 146 | 92939 | 4.61 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.21 | 45 | 182060 | 6.87 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.59 | 70 | 89482 | 7.14 | ug/l # | 86 |
| 9) Hexachloroethane | 13.75 | 117 | 25028 | 2.94 | ug/l | 98 |
| 11) Nitrobenzene | 14.01 | 77 | 112442 | 5.29 | ug/l | 94 |
| 12) Isophorone | 14.67 | 82 | 259008 | 7.21 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.34 | 93 | 147949 | 6.62 | ug/l | 97 |
| 14) 1,2,4-Trichlorobenzene | 15.86 | 180 | 76880 | 4.35 | ug/l | 97 |
| 15) Naphthalene | 16.03 | 128 | 313433 | 5.69 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.58 | 225 | 22848 | 2.16 | ug/l | 97 |
| 18) Hexachlorocyclopentadiene | 18.77 | 237 | 7507 | 0.97 | ug/l | 97 |
| 19) 2-Chloronaphthalene | 19.54 | 162 | 183259 | 5.66 | ug/l | 97 |
| 20) Dimethylphthalate | 20.62 | 163 | 252023 | 6.68 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.84 | 165 | 46407 | 5.43 | ug/l | 91 |
| 22) Acenaphthylene | 20.82 | 152 | 301855 | 6.45 | ug/l | 99 |
| 23) Acenaphthene | 21.38 | 153 | 204383 | 6.25 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 22.01 | 165 | 58266 | 5.38 | ug/l # | 84 |
| 25) Diethylphthalate | 22.76 | 149 | 252996 | 6.46 | ug/l | 98 |
| 26) 4-Chlorophenyl-phenylether | 22.92 | 204 | 102663 | 6.09 | ug/l | 96 |
| 27) Fluorene | 22.90 | 166 | 223885 | 6.28 | ug/l | 99 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.39 | 77 | 242392 | 5.88 | ug/L # | 89 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\REFB.D Vial: 31
Acq On : 22 Feb 2002 8:43 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 25 8:28 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|
| 30) N-Nitrosodiphenylamine | 23.31 | 168 | 86951 | 5.73 ug/l | # | 90 |
| 31) 4-Bromophenyl-phenylether | 24.39 | 248 | 53962 | 5.50 ug/l | | 98 |
| 32) Hexachlorobenzene | 24.83 | 284 | 62733 | 5.46 ug/l | | 96 |
| 33) Phenanthrene | 25.80 | 178 | 308515 | 6.59 ug/l | | 99 |
| 34) Anthracene | 25.93 | 178 | 293864 | 6.40 ug/l | | 99 |
| 35) Di-n-butylphthalate | 27.69 | 149 | 419296 | 6.41 ug/l | | 99 |
| 36) Fluoranthene | 29.43 | 202 | 296141 | 6.33 ug/l | # | 88 |
| 39) Pyrene | 30.11 | 202 | 306157 | 6.54 ug/l | # | 88 |
| 40) Butylbenzylphthalate | 32.23 | 149 | 155108 | 5.98 ug/l | | 93 |
| 41) Benzo(a)anthracene | 33.75 | 228 | 226147 | 6.60 ug/l | | 99 |
| 42) Bis(2-ethylhexyl)phthalate | 34.01 | 149 | 218050 | 6.23 ug/l | | 95 |
| 43) Chrysene | 33.88 | 228 | 241898 | 7.18 ug/l | | 99 |
| 45) Di-n-Octylphthalate | 35.75 | 149 | 258269 | 4.44 ug/l | | 99 |
| 46) Benzo(b)fluoranthene | 36.87 | 252 | 188678 | 5.75 ug/l | # | 96 |
| 47) Benzo(k)fluoranthene | 36.94 | 252 | 217165 | 6.58 ug/l | # | 95 |
| 48) Benzo(a)pyrene | 37.88 | 252 | 158660 | 5.83 ug/l | # | 95 |
| 49) Indeno(1,2,3-cd)pyrene | 42.28 | 276 | 177264 | 7.14 ug/l | # | 94 |
| 50) Dibenz(a,h)anthracene | 42.35 | 278 | 148302 | 7.81 ug/l | # | 94 |
| 51) Benzo(g,h,i)perylene | 43.55 | 276 | 153447 | 7.66 ug/l | # | 92 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\REFB.D
Acq On : 22 Feb 2002 8:43 pm
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 25 8:28 2002

Vial: 31
Operator:
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration