User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 14:58:16

Sample: AE01937
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 2/8/20 00:02 Ended: 2/8/20 00:02 Analyst: MG
Result source: m:\instruments\209\data\feb0802\cal40.d\cal40.rr
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\CAL40.D Vial: 4
Acq On : 8 Feb 2002 12:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 11 11:54 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.36 | 152 | 339746 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 16.00 | 136 | 1276468 | 20.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 21.32 | 164 | 677604 | 20.00 | ug/l | 0.00 |
| 29) Phenanthrene-d10 | 25.77 | 188 | 972413 | 20.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 33.85 | 240 | 703222 | 20.00 | ug/l | 0.00 |
| 44) Perylene-d12 | 38.13 | 264 | 429640 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 0.00 | 235 | 0d | 0.00 | ug/mL | |
| Spiked Amount 5.000 | | | Recovery = | 0.00% | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.97 | 74 | 561378 | 41.29 | ug/l | 96 |
| 3) bis(2-Chloroethyl)ether | 11.76 | 93 | 882973 | 39.54 | ug/l | 100 |
| 4) 1,3-Dichlorobenzene | 12.26 | 146 | 1040531 | 39.15 | ug/l | 99 |
| 5) 1,4-Dichlorobenzene | 12.40 | 146 | 1061553 | 39.19 | ug/l | 100 |
| 6) 1,2-Dichlorobenzene | 12.92 | 146 | 1004602 | 39.03 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.24 | 45 | 1351101 | 39.97 | ug/l | 98 |
| 8) N-Nitroso-di-n-propylamine | 13.64 | 70 | 648221 | 40.58 | ug/l | 97 |
| 9) Hexachloroethane | 13.76 | 117 | 421395 | 38.86 | ug/l | 96 |
| 11) Nitrobenzene | 14.06 | 77 | 1019761 | 38.85 | ug/l | 98 |
| 12) Isophorone | 14.71 | 82 | 1771767 | 39.96 | ug/l | 100 |
| 13) bis(2-Chloroethoxy)methane | 15.38 | 93 | 1090057 | 39.47 | ug/l | 99 |
| 14) 1,2,4-Trichlorobenzene | 15.88 | 180 | 851320 | 38.97 | ug/l | 98 |
| 15) Naphthalene | 16.07 | 128 | 2666373 | 39.22 | ug/l | 100 |
| 16) Hexachlorobutadiene | 16.60 | 225 | 507546 | 38.82 | ug/l | 99 |
| 18) Hexachlorocyclopentadiene | 18.79 | 237 | 378910 | 39.06 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.57 | 162 | 1633569 | 40.43 | ug/l | 99 |
| 20) Dimethylphthalate | 20.67 | 163 | 1870509 | 39.76 | ug/l | 99 |
| 21) 2,6-Dinitrotoluene | 20.89 | 165 | 437467 | 41.02 | ug/l | 96 |
| 22) Acenaphthylene | 20.85 | 152 | 2360549 | 40.45 | ug/l | 100 |
| 23) Acenaphthene | 21.42 | 153 | 1646960 | 40.37 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 22.06 | 165 | 549469 | 40.67 | ug/l | 97 |
| 25) Diethylphthalate | 22.81 | 149 | 1937167 | 39.61 | ug/l | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.95 | 204 | 880052 | 41.81 | ug/l | 98 |
| 27) Fluorene | 22.94 | 166 | 1877786 | 42.18 | ug/l | 100 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.43 | 77 | 2014671 | 39.17 | ug/L | 96 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\CAL40.D Vial: 4
Acq On : 8 Feb 2002 12:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 11 11:54 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 23.36 | 168 | 735748 | 38.59 ug/l | 95 |
| 31) | 4-Bromophenyl-phenylether | 24.42 | 248 | 484604 | 39.33 ug/l | 98 |
| 32) | Hexachlorobenzene | 24.86 | 284 | 561943 | 38.94 ug/l | 97 |
| 33) | Phenanthrene | 25.84 | 178 | 2336966 | 39.74 ug/l | 100 |
| 34) | Anthracene | 25.98 | 178 | 2304453 | 40.00 ug/l | 100 |
| 35) | Di-n-butylphthalate | 27.74 | 149 | 3244957 | 39.48 ug/l | 100 |
| 36) | Fluoranthene | 29.48 | 202 | 2396691 | 40.82 ug/l | 100 |
| 39) | Pyrene | 30.15 | 202 | 2435629 | 39.55 ug/l | 96 |
| 40) | Butylbenzylphthalate | 32.27 | 149 | 1332268 | 39.07 ug/l | 99 |
| 41) | Benzo(a)anthracene | 33.79 | 228 | 1810706 | 40.21 ug/l | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 34.04 | 149 | 1770851 | 38.44 ug/l | 99 |
| 43) | Chrysene | 33.92 | 228 | 1754012 | 39.58 ug/l | 100 |
| 45) | Di-n-Octylphthalate | 35.79 | 149 | 2691285 | 39.11 ug/l | 99 |
| 46) | Benzo(b)fluoranthene | 36.92 | 252 | 1603930 | 41.31 ug/l | 100 |
| 47) | Benzo(k)fluoranthene | 37.00 | 252 | 1603755 | 41.10 ug/l | 98 |
| 48) | Benzo(a)pyrene | 37.94 | 252 | 1284456 | 39.91 ug/l | 99 |
| 49) | Indeno(1,2,3-cd)pyrene | 42.38 | 276 | 1077360 | 36.68 ug/l | 99 |
| 50) | Dibenz(a,h)anthracene | 42.45 | 278 | 810904 | 36.12 ug/l | 99 |
| 51) | Benzo(g,h,i)perylene | 43.66 | 276 | 839356 | 35.45 ug/l | 98 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\CAL40.D
Acq On : 8 Feb 2002 12:13 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 11 11:54 2002

Vial: 4
Operator: 209 GALOS
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 : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration