User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 10:38:07

Sample: AD31662
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 2/13/20 00:09 Ended: 2/13/20 00:09 Analyst: MG
Result source: m:\instruments\209\data\feb1102\cal80b.d\cal80b.rr
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 79 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 88 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 84 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 86 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 86 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 87 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 87 | | 2.0 |
| 8 | Hexachloroethane | | 84 | | 2.0 |
| 9 | Nitrobenzene | | 81 | | 2.0 |
| 10 | Isophorone | | 85 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 86 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 86 | | 2.0 |
| 13 | Naphthalene | | 87 | | 2.0 |
| 14 | Hexachlorobutadiene | | 84 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 82 | | 2.0 |
| 16 | Dimethylphthalate | | 80 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 84 | | 2.0 |
| 18 | Acenaphthylene | | 83 | | 2.0 |
| 19 | Acenaphthene | | 83 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 83 | | 2.0 |
| 21 | Diethylphthalate | | 82 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 77 | | 2.0 |
| 23 | Fluorene | | 80 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 91 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 85 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 84 | | 2.0 |
| 27 | Hexachlorobenzene | | 83 | | 2.0 |
| 28 | Phenanthrene | | 87 | | 2.0 |
| 29 | Anthracene | | 86 | | 2.0 |
| 30 | Di-n-butylphthalate | | 87 | | 2.0 |
| 31 | Fluoranthene | | 92 | | 2.0 |
| 32 | Pyrene | | 80 | | 2.0 |
| 33 | Butylbenzylphthalate | | 78 | | 2.0 |
| 34 | Benzo(a)anthracene | | 87 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 75 | | 2.0 |
| 36 | Chrysene | | 84 | | 2.0 |
| 37 | Di-n-octylphthalate | | 78 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 92 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 88 | | 2.0 |
| 40 | Benzo(a)pyrene | | 88 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 97 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 100 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 93 | | 2.0 |

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\CAL80B.D Vial: 2
Acq On : 13 Feb 2002 9:51 am Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 9:45 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 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 | 347563 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 16.01 | 136 | 1355267 | 20.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 21.32 | 164 | 789426 | 20.00 | ug/l | 0.00 |
| 29) Phenanthrene-d10 | 25.78 | 188 | 1102995 | 20.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 33.86 | 240 | 893763 | 20.00 | ug/l | 0.02 |
| 44) Perylene-d12 | 38.14 | 264 | 546615 | 20.00 | ug/l | 0.02 |
| **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 | 6.00 | 74 | 1096905 | 78.87 | ug/l | 97 |
| 3) bis(2-Chloroethyl)ether | 11.78 | 93 | 2009097 | 87.95 | ug/l | 97 |
| 4) 1,3-Dichlorobenzene | 12.26 | 146 | 2275960 | 83.70 | ug/l | 100 |
| 5) 1,4-Dichlorobenzene | 12.41 | 146 | 2379015 | 85.84 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.93 | 146 | 2268255 | 86.14 | ug/l | 100 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.24 | 45 | 3018501 | 87.28 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.70 | 70 | 1420611 | 86.92 | ug/l | 95 |
| 9) Hexachloroethane | 13.77 | 117 | 934223 | 84.22 | ug/l | 97 |
| 11) Nitrobenzene | 14.08 | 77 | 2247685 | 80.65 | ug/l | 96 |
| 12) Isophorone | 14.74 | 82 | 3994909 | 84.86 | ug/l | 100 |
| 13) bis(2-Chloroethoxy)methane | 15.40 | 93 | 2528825 | 86.25 | ug/l | 99 |
| 14) 1,2,4-Trichlorobenzene | 15.90 | 180 | 1984674 | 85.57 | ug/l | 98 |
| 15) Naphthalene | 16.08 | 128 | 6262835 | 86.77 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.60 | 225 | 1165810 | 83.99 | ug/l | 99 |
| 18) Hexachlorocyclopentadiene | 18.80 | 237 | 942514 | 83.40 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.60 | 162 | 3851206 | 81.82 | ug/l | 97 |
| 20) Dimethylphthalate | 20.70 | 163 | 4396962 | 80.22 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.92 | 165 | 1041549 | 83.83 | ug/l | 94 |
| 22) Acenaphthylene | 20.86 | 152 | 5635311 | 82.88 | ug/l | 100 |
| 23) Acenaphthene | 21.44 | 153 | 3944312 | 83.00 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 22.10 | 165 | 1302569 | 82.76 | ug/l | 89 |
| 25) Diethylphthalate | 22.84 | 149 | 4686123 | 82.26 | ug/l | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.98 | 204 | 1891047 | 77.11 | ug/l | 99 |
| 27) Fluorene | 22.96 | 166 | 4145882 | 79.94 | ug/l | 99 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.45 | 77 | 5439482 | 90.77 | ug/L # | 90 |

64-96

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



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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\CAL80B.D Vial: 2
Acq On : 13 Feb 2002 9:51 am Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 9:45 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 23.39 | 168 | 1839794 | 85.08 ug/l | # | 91 |
| 31) | 4-Bromophenyl-phenylether | 24.43 | 248 | 1177678 | 84.26 ug/l | | 98 |
| 32) | Hexachlorobenzene | 24.88 | 284 | 1354013 | 82.71 ug/l | | 97 |
| 33) | Phenanthrene | 25.87 | 178 | 5784107 | 86.71 ug/l | | 100 |
| 34) | Anthracene | 26.00 | 178 | 5605894 | 85.78 ug/l | | 100 |
| 35) | Di-n-butylphthalate | 27.75 | 149 | 8144815 | 87.37 ug/l | | 99 |
| 36) | Fluoranthene | 29.50 | 202 | 6105997 | 91.69 ug/l | | 96 |
| 39) | Pyrene | 30.18 | 202 | 6262272 | 80.00 ug/l | | 94 |
| 40) | Butylbenzylphthalate | 32.28 | 149 | 3386733 | 78.14 ug/l | | 99 |
| 41) | Benzo(a)anthracene | 33.82 | 228 | 4955302 | 86.58 ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 34.05 | 149 | 4391835 | 75.02 ug/l | | 99 |
| 43) | Chrysene | 33.95 | 228 | 4753233 | 84.40 ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.80 | 149 | 6826450 | 77.98 ug/l | # | 98 |
| 46) | Benzo(b)fluoranthene | 36.96 | 252 | 4545874 | 92.02 ug/l | | 99 |
| 47) | Benzo(k)fluoranthene | 37.04 | 252 | 4378657m | 88.20 ug/l | | |
| 48) | Benzo(a)pyrene | 37.98 | 252 | 3608539 | 88.12 ug/l | | 98 |
| 49) | Indeno(1,2,3-cd)pyrene | 42.45 | 276 | 3641778 | 97.45 ug/l | | 98 |
| 50) | Dibenz(a,h)anthracene | 42.53 | 278 | 2926502m | 102.47 ug/l | | |
| 51) | Benzo(g,h,i)perylene | 43.76 | 276 | 2797403 | 92.85 ug/l | | 99 |

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



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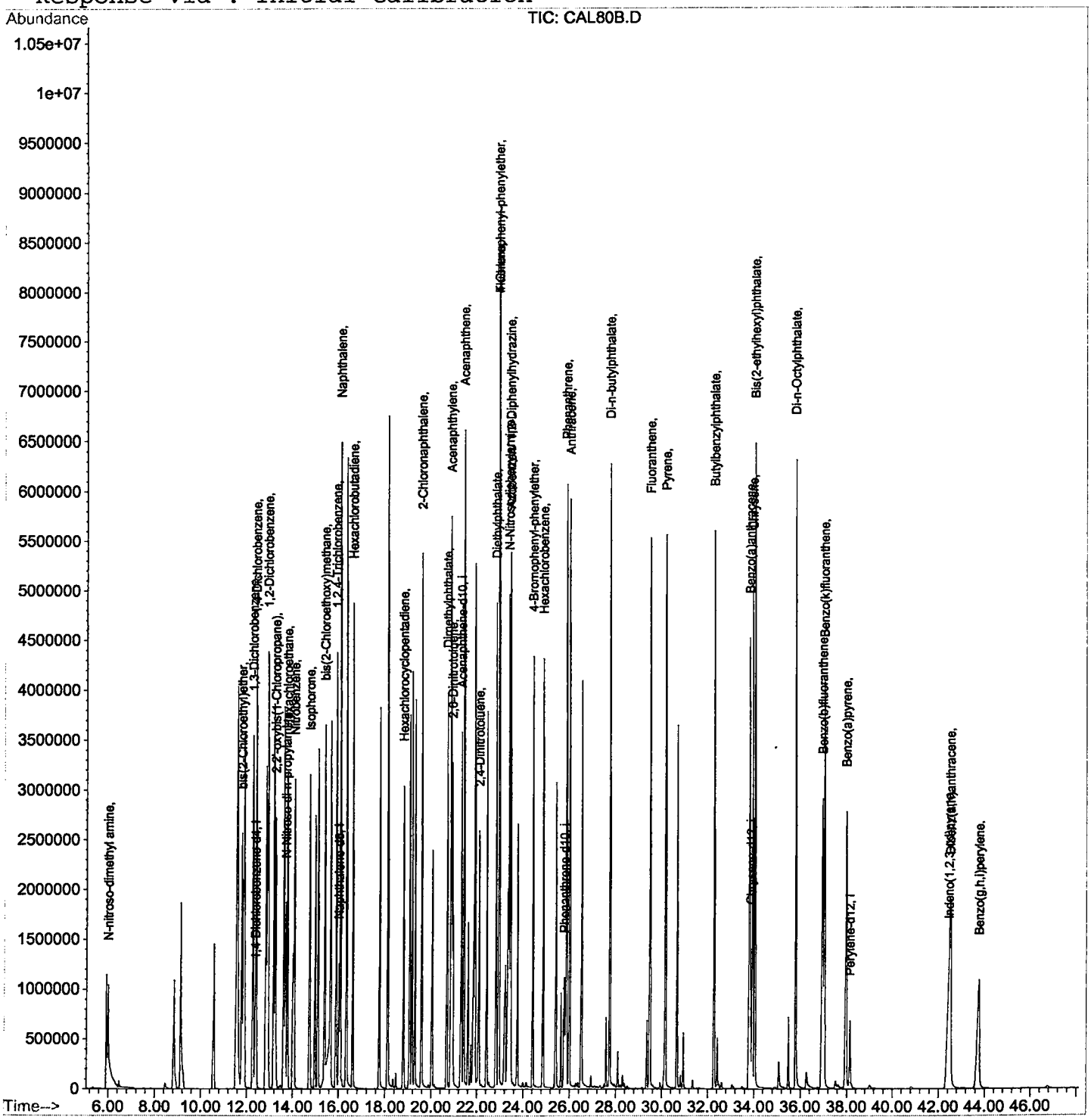
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1102\CAL80B.D
Acq On : 13 Feb 2002 9:51 am
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 15 9:45 2002

Vial: 2
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 : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration






NYC-WTC_000005750