User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/13/2001 Time: 09:11:18

Sample: AD28860
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 12/6/20 00:02 Ended: 12/6/20 00:02 Analyst: MG
Result source: m:\instruments\209\data\dec0601\cal25.d\cal25.rr
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\CAL25.D Vial: 2
Acq On : 6 Dec 2001 12:06 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 14:58 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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 | 987624 | 20.00 | ug/l | -0.02 |
| 15) Naphthalene-d8 | 15.28 | 136 | 3754698 | 20.00 | ug/l | -0.03 |
| 26) Acenaphthene-d10 | 20.56 | 164 | 1835948 | 20.00 | ug/l | -0.02 |
| 42) Phenanthrene-d10 | 24.98 | 188 | 2672626 | 20.00 | ug/l | 0.00 |
| 53) Chrysene-d12 | 33.02 | 240 | 1789210 | 20.00 | ug/l | -0.02 |
| 59) Perylene-d12 | 37.11 | 264 | 1357752 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 52) 2,4-DDD | 29.90 | 235 | 18080 | 0.57 | ug/mL | -0.17 |
| Spiked Amount 5.000 | | | Recovery = 11.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Pyridine | 5.34 | 79 | 1928184m | 27.42 | ug/l | |
| 3) N-nitroso-dimethyl amine | 5.40 | 74 | 1256379 | 28.92 | ug/l | 98 |
| 4) Phenol | 10.96 | 94 | 2228971 | 25.59 | ug/l | 94 |
| 5) bis(2-Chloroethyl)ether | 11.11 | 93 | 1832208 | 26.87 | ug/l | 97 |
| 6) 2-Chlorophenol | 11.21 | 128 | 1639017 | 24.89 | ug/l | 95 |
| 7) 1,3-Dichlorobenzene | 11.57 | 146 | 1785009 | 24.85 | ug/l | 99 |
| 8) 1,4-Dichlorobenzene | 11.72 | 146 | 1804535 | 24.84 | ug/l | 99 |
| 9) 1,2-Dichlorobenzene | 12.23 | 146 | 1644864 | 24.56 | ug/l | 98 |
| 10) 2-Methylphenol | 12.53 | 108 | 1524512 | 25.59 | ug/l | 99 |
| 11) 2,2'-oxybis(1-Chloropropan | 12.57 | 45 | 2415788 | 27.83 | ug/l | 97 |
| 12) 3&4-Methylphenol | 12.94 | 108 | 1564984 | 25.63 | ug/l | 98 |
| 13) N-Nitroso-di-n-propylamine | 12.97 | 70 | 1021762 | 26.31 | ug/l | 98 |
| 14) Hexachloroethane | 13.06 | 117 | 665335 | 25.19 | ug/l | 95 |
| 16) Nitrobenzene | 13.36 | 77 | 1559025 | 26.64 | ug/l | 99 |
| 17) Isophorone | 14.00 | 82 | 2897659 | 25.70 | ug/l | 97 |
| 18) 2-Nitrophenol | 14.27 | 139 | 889633 | 24.23 | ug/l | 98 |
| 19) 2,4-Dimethylphenol | 14.43 | 107 | 1324395 | 24.04 | ug/l | 99 |
| 20) bis(2-Chloroethoxy)methane | 14.69 | 93 | 1951750 | 25.77 | ug/l | 99 |
| 21) 2,4-Dichlorophenol | 14.95 | 162 | 1249592 | 25.72 | ug/l | 100 |
| 22) 1,2,4-Trichlorobenzene | 15.18 | 180 | 1347517 | 24.72 | ug/l | 99 |
| 23) Naphthalene | 15.34 | 128 | 4527626 | 25.24 | ug/l | 99 |
| 24) Hexachlorobutadiene | 15.89 | 225 | 663759 | 24.98 | ug/l | 100 |
| 25) 4-Chloro-3-methylphenol | 17.09 | 107 | 1275399 | 26.29 | ug/l | 99 |
| 27) Hexachlorocyclopentadiene | 18.06 | 237 | 232935 | 17.61 | ug/l | 97 |
| 28) 2,4,6-Trichlorophenol | 18.35 | 196 | 788717 | 24.93 | ug/l | 100 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\CAL25.D Vial: 2
Acq On : 6 Dec 2001 12:06 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 14:58 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 29) | 2,4,5-Trichlorophenol | 18.46 | 196 | 877184 | 25.27 | ug/l | | 99 |
| 30) | 2-Chloronaphthalene | 18.83 | 162 | 2576054 | 24.60 | ug/l | | 99 |
| 31) | Dimethylphthalate | 19.94 | 163 | 2937745 | 24.08 | ug/l | | 100 |
| 32) | 2,6-Dinitrotoluene | 20.15 | 165 | 705833 | 24.48 | ug/l | # | 65 |
| 33) | Acenaphthylene | 20.09 | 152 | 3626557 | 24.64 | ug/l | | 100 |
| 34) | Acenaphthene | 20.65 | 153 | 2579959 | 24.51 | ug/l | | 99 |
| 35) | 2,4-Dinitrophenol | 20.86 | 184 | 218599 | 19.07 | ug/l | # | 92 |
| 36) | 4-Nitrophenol | 21.14 | 65 | 341105 | 28.45 | ug/l | | 96 |
| 37) | 2,4-Dinitrotoluene | 21.32 | 165 | 896302 | 24.45 | ug/l | | 92 |
| 38) | Diethylphthalate | 22.08 | 149 | 2795166 | 24.76 | ug/l | | 99 |
| 39) | 4-Chlorophenyl-phenylether | 22.20 | 204 | 1247841 | 25.32 | ug/l | | 99 |
| 40) | Fluorene | 22.17 | 166 | 2718807 | 25.17 | ug/l | | 98 |
| 41) | Azobenzen/ 1,2-Diphenylhyd | 22.67 | 77 | 3036034 | 26.03 | ug/L | | 97 |
| 43) | 4,6-Dinitro-2-methylphenol | 22.53 | 198 | 410097 | 21.69 | ug/l | | 94 |
| 44) | N-Nitrosodiphenylamine | 22.61 | 168 | 1170487 | 24.67 | ug/l | | 95 |
| 45) | 4-Bromophenyl-phenylether | 23.66 | 248 | 677698 | 25.78 | ug/l | | 99 |
| 46) | Hexachlorobenzene | 24.08 | 284 | 754163 | 26.09 | ug/l | | 97 |
| 47) | Pentachlorophenol | 24.64 | 266 | 365163 | 26.70 | ug/l | | 99 |
| 48) | Phenanthrene | 25.05 | 178 | 3540997 | 25.02 | ug/l | | 99 |
| 49) | Anthracene | 25.19 | 178 | 3507766 | 24.86 | ug/l | | 100 |
| 50) | Di-n-butylphthalate | 26.99 | 149 | 4752620 | 25.23 | ug/l | | 100 |
| 51) | Fluoranthene | 28.67 | 202 | 3481920 | 25.48 | ug/l | | 99 |
| 54) | Pyrene | 29.33 | 202 | 3599069 | 23.30 | ug/l | | 99 |
| 55) | Butylbenzylphthalate | 31.50 | 149 | 1898033 | 23.53 | ug/l | | 95 |
| 56) | Benzo(a)anthracene | 32.97 | 228 | 2624004 | 24.61 | ug/l | | 99 |
| 57) | Bis(2-ethylhexyl)phthalate | 33.29 | 149 | 2689187 | 24.67 | ug/l | | 99 |
| 58) | Chrysene | 33.10 | 228 | 2537482 | 24.27 | ug/l | | 99 |
| 60) | Di-n-Octylphthalate | 35.04 | 149 | 4176918 | 23.15 | ug/l | # | 97 |
| 61) | Benzo(b)fluoranthene | 36.05 | 252 | 2553684 | 25.00 | ug/l | | 99 |
| 62) | Benzo(k)fluoranthene | 36.11 | 252 | 2547724 | 24.30 | ug/l | | 99 |
| 63) | Benzo(a)pyrene | 36.94 | 252 | 2155552 | 24.27 | ug/l | | 99 |
| 64) | Indeno(1,2,3-cd)pyrene | 40.79 | 276 | 2234006 | 25.16 | ug/l | | 99 |
| 65) | Dibenz(a,h)anthracene | 40.86 | 278 | 1735359 | 24.96 | ug/l | | 97 |
| 66) | Benzo(g,h,i)perylene | 41.89 | 276 | 1941593 | 25.59 | ug/l | | 94 |

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

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Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 14:58 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration