User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 09:11:28

Sample: AE10772
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 5/10/20 00:02 Ended: 5/10/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\may1002\cal40.d\cal40.rr
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\CAL40.D Vial: 2
Acq On : 10 May 2002 2:02 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 8:48 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:47:51 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.16 | 152 | 409069 | 40.00 | ug/l | -0.04 |
| 10) Naphthalene-d8 | 15.80 | 136 | 1489089 | 40.00 | ug/l | -0.04 |
| 17) Acenaphthene-d10 | 21.10 | 164 | 794733 | 40.00 | ug/l | -0.04 |
| 30) Phenanthrene-d10 | 25.55 | 188 | 1089574 | 40.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.62 | 240 | 685123 | 40.00 | ug/l | -0.02 |
| 44) Perylene-d12 | 37.84 | 264 | 442058 | 40.00 | ug/l | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.25 | 209 | 40260 | 10.18 | ug/L | -0.03 |
| Spiked Amount 10.000 | | | Recovery = 101.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitrosodimethylamine | 5.83 | 74 | 426772 | 41.42 | ug/l | 94 |
| 3) bis(2-Chloroethyl)ether | 11.56 | 93 | 554589 | 41.50 | ug/l | 96 |
| 4) 1,3-Dichlorobenzene | 12.06 | 146 | 529755 | 41.79 | ug/l | 97 |
| 5) 1,4-Dichlorobenzene | 12.20 | 146 | 585348 | 42.20 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.72 | 146 | 506961 | 42.00 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.05 | 45 | 1057245 | 40.81 | ug/l | 98 |
| 8) N-Nitrosodi-n-propylamine | 13.43 | 70 | 387081 | 40.54 | ug/l | 96 |
| 9) Hexachloroethane | 13.57 | 117 | 198177 | 40.16 | ug/l | 94 |
| 11) Nitrobenzene | 13.84 | 77 | 439363 | 36.34 | ug/l | 97 |
| 12) Isophorone | 14.49 | 82 | 985610 | 41.59 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.17 | 93 | 635373 | 41.38 | ug/l | 100 |
| 14) 1,2,4-Trichlorobenzene | 15.69 | 180 | 432873 | 41.87 | ug/l | 99 |
| 15) Naphthalene | 15.85 | 128 | 1290453 | 42.12 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.40 | 225 | 201148 | 42.03 | ug/l | 99 |
| 18) Hexachlorocyclopentadiene | 18.59 | 237 | 106349 | 26.41 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.36 | 162 | 720651 | 41.51 | ug/l | 98 |
| 20) Dimethylphthalate | 20.46 | 163 | 899127 | 41.13 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.67 | 165 | 138890 | 29.70 | ug/l | 97 |
| 22) Acenaphthylene | 20.63 | 152 | 1305777 | 42.20 | ug/l | 100 |
| 23) Acenaphthene | 21.20 | 153 | 768659 | 41.68 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.84 | 165 | 149672 | 29.70 | ug/l # | 87 |
| 25) Diethylphthalate | 22.60 | 149 | 811154 | 41.43 | ug/l | 100 |
| 26) 4-Chlorophenylphenylether | 22.74 | 204 | 407921 | 42.15 | ug/l | 98 |
| 27) Fluorene | 22.72 | 166 | 819814 | 42.16 | ug/l | 100 |
| 29) Azobenzene | 23.21 | 77 | 972520 | 40.12 | ug/L | 96 |
| 31) N-Nitrosodiphenylamine | 23.14 | 168 | 316263 | 46.47 | ug/l | 92 |
| 32) 4-Bromophenylphenylether | 24.21 | 248 | 229519 | 42.60 | ug/l | 99 |
| 33) Hexachlorobenzene | 24.65 | 284 | 264715 | 43.00 | ug/l | 98 |
| 34) Phenanthrene | 25.62 | 178 | 1098157 | 42.01 | ug/l | 100 |

28-52

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\CAL40.D Vial: 2
Acq On : 10 May 2002 2:02 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 8:48 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:47:51 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.75 | 178 | 1116902 | 41.06 | ug/l | | 99 |
| 36) | Di-n-butylphthalate | 27.53 | 149 | 1437653 | 42.61 | ug/l | | 100 |
| 37) | Fluoranthene | 29.25 | 202 | 1077718 | 41.27 | ug/l | | 96 |
| 39) | Pyrene | 29.92 | 202 | 1004868 | 43.52 | ug/l | | 97 |
| 40) | Butylbenzylphthalate | 32.06 | 149 | 496266 | 42.22 | ug/l | | 94 |
| 41) | Benzo(a)anthracene | 33.56 | 228 | 736444 | 41.35 | ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.84 | 149 | 662486 | 42.50 | ug/l | | 99 |
| 43) | Chrysene | 33.69 | 228 | 737829 | 41.50 | ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.59 | 149 | 939866 | 40.69 | ug/l | # | 95 |
| 46) | Benzo(b)fluoranthene | 36.67 | 252 | 618937 | 39.06 | ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 36.74 | 252 | 666021 | 39.70 | ug/l | | 98 |
| 48) | Benzo(a)pyrene | 37.65 | 252 | 576197 | 40.23 | ug/l | | 99 |
| 49) | Indeno(1,2,3-cd)pyrene | 41.91 | 276 | 556827 | 40.93 | ug/l | | 98 |
| 50) | Dibenz(a,h)anthracene | 41.99 | 278 | 434343 | 40.08 | ug/l | | 99 |
| 51) | Benzo(g,h,i)perylene | 43.14 | 276 | 473529 | 43.51 | ug/l | | 99 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\CAL40.D
Acq On : 10 May 2002 2:02 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 13 8:48 2002

Vial: 2
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration