User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:23:05

Sample: AD31017
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:22 Ended: 1/18/02 17:22 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 90 | | 5.0 |

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 11:27:41

Sample: AD31017
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 1/8/20 00:08 Ended: 1/8/20 00:08 Analyst: MG
Result source: m:\instruments\209\data\jan0802\ref.d\ref.rr
Page: 1

| | Component Name | Viol | Result | MDL |
|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 2.0 | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 3.0 | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 2.2 | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 2.4 | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 2.6 | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 3.4 | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 3.4 | 2.0 |
| 8 | Hexachloroethane | | 1.6 | 2.0 |
| 9 | Nitrobenzene | | 2.9 | 2.0 |
| 10 | Isophorone | | 3.5 | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 3.5 | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 2.6 | 2.0 |
| 13 | Naphthalene | | 3.3 | 2.0 |
| 14 | Hexachlorobutadiene | | 1.5 | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 0.0 | 2.0 |
| 16 | 2-Chloronaphthalene | | 3.5 | 2.0 |
| 17 | Dimethylphthalate | | 4.2 | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 2.9 | 2.0 |
| 19 | Acenaphthylene | | 3.5 | 2.0 |
| 20 | Acenaphthene | | 4.0 | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 2.7 | 2.0 |
| 22 | Diethylphthalate | | 4.4 | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 4.3 | 2.0 |
| 24 | Fluorene | | 4.2 | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydraz | | 3.7 | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 3.1 | 2.0 |
| 27 | 4-Bromophenylphenylether | | 4.0 | 2.0 |
| 28 | Hexachlorobenzene | | 4.0 | 2.0 |
| 29 | Phenanthrene | | 4.3 | 2.0 |
| 30 | Anthracene | | 3.9 | 2.0 |
| 31 | Di-n-butylphthalate | | 4.0 | 2.0 |
| 32 | Fluoranthene | | 4.0 | 2.0 |
| 33 | Pyrene | | 4.1 | 2.0 |
| 34 | Butylbenzylphthalate | | 3.3 | 2.0 |
| 35 | Benzo(a)anthracene | | 3.9 | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 3.2 | 2.0 |
| 37 | Chrysene | | 4.4 | 2.0 |
| 38 | Di-n-octylphthalate | | 1.8 | 2.0 |
| 39 | Benzo(b)fluoranthene | | 3.3 | 2.0 |
| 40 | Benzo(k)fluoranthene | | 4.1 | 2.0 |
| 41 | Benzo(a)pyrene | | 3.2 | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 3.4 | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 3.9 | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 3.7 | 2.0 |

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/11/2002 Time: 10:11:38

Sample: AD31017
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 1/8/20 00:08 Ended: 1/8/20 00:08 Analyst: MG
Result source: calculation
Page: 1

| | Component Name | Viol | Result | MDL |
|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 40 | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 60 | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 44 | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 48 | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 52 | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 68 | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 68 | 2.0 |
| 8 | Hexachloroethane | | 32 | 2.0 |
| 9 | Nitrobenzene | | 58 | 2.0 |
| 10 | Isophorone | | 70 | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 70 | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 52 | 2.0 |
| 13 | Naphthalene | | 66 | 2.0 |
| 14 | Hexachlorobutadiene | | 30 | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 0.0 | 2.0 |
| 16 | 2-Chloronaphthalene | | 70 | 2.0 |
| 17 | Dimethylphthalate | | 84 | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 58 | 2.0 |
| 19 | Acenaphthylene | | 70 | 2.0 |
| 20 | Acenaphthene | | 80 | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 54 | 2.0 |
| 22 | Diethylphthalate | | 88 | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 86 | 2.0 |
| 24 | Fluorene | | 84 | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydraz | | 74 | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 62 | 2.0 |
| 27 | 4-Bromophenylphenylether | | 80 | 2.0 |
| 28 | Hexachlorobenzene | | 80 | 2.0 |
| 29 | Phenanthrene | | 86 | 2.0 |
| 30 | Anthracene | | 78 | 2.0 |
| 31 | Di-n-butylphthalate | | 80 | 2.0 |
| 32 | Fluoranthene | | 80 | 2.0 |
| 33 | Pyrene | | 82 | 2.0 |
| 34 | Butylbenzylphthalate | | 66 | 2.0 |
| 35 | Benzo(a)anthracene | | 78 | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 64 | 2.0 |
| 37 | Chrysene | | 88 | 2.0 |
| 38 | Di-n-octylphthalate | | 36 | 2.0 |
| 39 | Benzo(b)fluoranthene | | 66 | 2.0 |
| 40 | Benzo(k)fluoranthene | | 82 | 2.0 |
| 41 | Benzo(a)pyrene | | 64 | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 68 | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 78 | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 74 | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\REF.D
Acq On : 8 Jan 2002 8:10 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 8 20:59 2002

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.53 | 152 | 828358 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.13 | 136 | 3179098 | 20.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 20.39 | 164 | 1539688 | 20.00 | ug/l | 0.00 |
| 29) Phenanthrene-d10 | 24.80 | 188 | 2218237 | 20.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 32.84 | 240 | 1249289 | 20.00 | ug/l | 0.00 |
| 44) Perylene-d12 | 36.90 | 264 | 721104 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 29.88 | 235 | 126371 | 4.96 | ug/mL | -0.19 |
| Spiked Amount 5.000 | | | Recovery = 99.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.29 | 74 | 80653 | 2.03 | ug/l | 90 |
| 3) bis(2-Chloroethyl)ether | 10.96 | 93 | 192652 | 3.00 | ug/l | 99 |
| 4) 1,3-Dichlorobenzene | 11.43 | 146 | 126999 | 2.21 | ug/l | 95 |
| 5) 1,4-Dichlorobenzene | 11.58 | 146 | 140968 | 2.44 | ug/l | 97 |
| 6) 1,2-Dichlorobenzene | 12.08 | 146 | 139863 | 2.62 | ug/l | 98 |
| 7) 2,2'-oxybis(1-Chloropropan | 12.43 | 45 | 328624 | 3.44 | ug/l | 95 |
| 8) N-Nitroso-di-n-propylamine | 12.81 | 70 | 137665 | 3.44 | ug/l | 99 |
| 9) Hexachloroethane | 12.92 | 117 | 38613 | 1.63 | ug/l | 95 |
| 11) Nitrobenzene | 13.20 | 77 | 176397 | 2.87 | ug/l | 93 |
| 12) Isophorone | 13.85 | 82 | 381986 | 3.49 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 14.54 | 93 | 246799 | 3.48 | ug/l | 100 |
| 14) 1,2,4-Trichlorobenzene | 15.02 | 180 | 114025 | 2.63 | ug/l | 96 |
| 15) Naphthalene | 15.18 | 128 | 486036 | 3.34 | ug/l | 99 |
| 16) Hexachlorobutadiene | 15.73 | 225 | 33335 | 1.52 | ug/l | 97 |
| 18) Hexachlorocyclopentadiene | 17.92 | 237 | 539 | N.D. | | |
| 19) 2-Chloronaphthalene | 18.66 | 162 | 278018 | 3.49 | ug/l | 99 |
| 20) Dimethylphthalate | 19.78 | 163 | 394153 | 4.22 | ug/l | 99 |
| 21) 2,6-Dinitrotoluene | 19.99 | 165 | 65292 | 2.95 | ug/l | 98 |
| 22) Acenaphthylene | 19.92 | 152 | 414059 | 3.52 | ug/l | 99 |
| 23) Acenaphthene | 20.48 | 153 | 325276 | 4.03 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.16 | 165 | 77351 | 2.73 | ug/l # | 93 |
| 25) Diethylphthalate | 21.91 | 149 | 407346 | 4.39 | ug/l | 100 |
| 26) 4-Chlorophenyl-phenylether | 22.03 | 204 | 161779 | 4.30 | ug/l | 96 |
| 27) Fluorene | 21.99 | 166 | 347217 | 4.24 | ug/l | 98 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 22.50 | 77 | 403925 | 3.68 | ug/L | 98 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\REF.D Vial: 8
Acq On : 8 Jan 2002 8:10 pm Operator: 209 GALOS
Sample : gcms scan 12/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 8 20:59 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 22.44 | 168 | 112765 | 3.10 | ug/l | | 97 |
| 31) | 4-Bromophenyl-phenylether | 23.49 | 248 | 81839 | 3.96 | ug/l | | 95 |
| 32) | Hexachlorobenzene | 23.90 | 284 | 95873 | 4.01 | ug/l | | 98 |
| 33) | Phenanthrene | 24.87 | 178 | 482855 | 4.29 | ug/l | | 99 |
| 34) | Anthracene | 25.01 | 178 | 426878 | 3.88 | ug/l | | 99 |
| 35) | Di-n-butylphthalate | 26.83 | 149 | 611758 | 4.02 | ug/l | | 99 |
| 36) | Fluoranthene | 28.48 | 202 | 433277 | 4.02 | ug/l | | 98 |
| 39) | Pyrene | 29.15 | 202 | 456029 | 4.11 | ug/l | | 97 |
| 40) | Butylbenzylphthalate | 31.33 | 149 | 197866 | 3.29 | ug/l | | 98 |
| 41) | Benzo(a)anthracene | 32.78 | 228 | 273125 | 3.91 | ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.13 | 149 | 264520 | 3.25 | ug/l | | 99 |
| 43) | Chrysene | 32.91 | 228 | 302803 | 4.40 | ug/l | | 98 |
| 45) | Di-n-Octylphthalate | 34.87 | 149 | 212137 | 1.83 | ug/l | # | 94 |
| 46) | Benzo(b)fluoranthene | 35.86 | 252 | 195984 | 3.28 | ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 35.92 | 252 | 241591 | 4.11 | ug/l | | 99 |
| 48) | Benzo(a)pyrene | 36.73 | 252 | 148451 | 3.17 | ug/l | | 97 |
| 49) | Indeno(1,2,3-cd)pyrene | 40.48 | 276 | 151842 | 3.44 | ug/l | | 98 |
| 50) | Dibenz(a,h)anthracene | 40.53 | 278 | 132756 | 3.92 | ug/l | | 98 |
| 51) | Benzo(g,h,i)perylene | 41.53 | 276 | 137391 | 3.72 | ug/l | | 99 |

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\REF.D
Acq On : 8 Jan 2002 8:10 pm
Sample : gcms scan 12/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 8 20:59 2002

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration