User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 10:44:09

Sample: AE01136
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/25/02 12:03 Ended: 2/26/02 12:03 Analyst: WB
Result source: a:\0116r.rr
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 2.9 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 5.2 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 2.8 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 3.1 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 3.4 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 4.6 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 3.9 | | 2.0 |
| 8 | Hexachloroethane | | 1.7 | | 2.0 |
| 9 | Nitrobenzene | | 2.2 | | 2.0 |
| 10 | Isophorone | | 4.0 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 4.3 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 3.1 | | 2.0 |
| 13 | Naphthalene | | 4.3 | | 2.0 |
| 14 | Hexachlorobutadiene | | 1.8 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 4.1 | | 2.0 |
| 16 | Dimethylphthalate | | 4.8 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 0.90 | | 2.0 |
| 18 | Acenaphthylene | | 4.0 | | 2.0 |
| 19 | Acenaphthene | | 4.9 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 0.67 | | 2.0 |
| 21 | Diethylphthalate | | 5.1 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 5.3 | | 2.0 |
| 23 | Fluorene | | 4.5 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydra | | 4.4 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 4.0 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 4.6 | | 2.0 |
| 27 | Hexachlorobenzene | | 4.7 | | 2.0 |
| 28 | Phenanthrene | | 5.1 | | 2.0 |
| 29 | Anthracene | | 4.6 | | 2.0 |
| 30 | Di-n-butylphthalate | | 4.1 | | 2.0 |
| 31 | Fluoranthene | | 4.6 | | 2.0 |
| 32 | Pyrene | | 5.1 | | 2.0 |
| 33 | Butylbenzylphthalate | | 1.6 | | 2.0 |
| 34 | Benzo(a)anthracene | | 3.7 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 1.9 | | 2.0 |
| 36 | Chrysene | | 5.4 | | 2.0 |
| 37 | Di-n-octylphthalate | | 5.7 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 3.3 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 5.6 | | 2.0 |
| 40 | Benzo(a)pyrene | | 2.6 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 2.2 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 2.1 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 2.9 | | 2.0 |

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 10:44:52

Sample: AE01136
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/25/02 12:03 Ended: 2/26/02 12:03 Analyst: WB
Result source: calculation
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | 1,3-Dichlorobenzene | | 56 | | 2.0 |
| 4 | | | | | |
| 5 | | | | | |
| 6 | 2,2-oxybis(1-Chloropropane) | | 92 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 78 | | 2.0 |
| 8 | Hexachloroethane | | 34 | | 2.0 |
| 9 | Nitrobenzene | | 44 | | 2.0 |
| 10 | Isophorone | | 80 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 86 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 62 | | 2.0 |
| 13 | Naphthalene | | 86 | | 2.0 |
| 14 | Hexachlorobutadiene | | 36 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 82 | | 2.0 |
| 16 | | | | | |
| 17 | | | | | |
| 18 | Acenaphthylene | | 80 | | 2.0 |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | Fluorene | | 90 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydra | | 88 | | 2.0 |
| 25 | | | | | |
| 26 | 4-Bromophenylphenylether | | 92 | | 2.0 |
| 27 | | | | | |
| 28 | | | | | |
| 29 | | | | | |
| 30 | Di-n-butylphthalate | | 82 | | 2.0 |
| 31 | Fluoranthene | | 92 | | 2.0 |
| 32 | | | | | |
| 33 | Butylbenzylphthalate | | 32 | | 2.0 |
| 34 | Benzo(a)anthracene | | 74 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 38 | | 2.0 |
| 36 | | | | | |
| 37 | | | | | |
| 38 | Benzo(b)fluoranthene | | 66 | | 2.0 |
| 39 | | | | | |
| 40 | Benzo(a)pyrene | | 52 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 44 | | 2.0 |
| 42 | | | | | |
| 43 | Benzo(g,h,i)perylene | | 58 | | 2.0 |

Data File : C:\MSDCHEM\1\5973N\02FEB25\0116R.D Vial: 2
Acq On : 25 Feb 2002 12:03 pm Operator:
Sample : ref 1/16 Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 08:18:22 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.72 | 152 | 1210905 | 20.00 | ug/L | 0.00 |
| 10) Naphthalene-d8 | 13.20 | 136 | 5149283 | 20.00 | ug/L | 0.00 |
| 17) Acenaphthene-d10 | 18.33 | 164 | 2585946 | 20.00 | ug/L | 0.00 |
| 29) Phenanthrene-d10 | 22.63 | 188 | 4233801 | 20.00 | ug/L | -0.01 |
| 38) Chrysene-d12 | 30.49 | 240 | 3288086 | 20.00 | ug/L | -0.03 |
| 44) Perylene-d12 | 34.41 | 264 | 2176407 | 20.00 | ug/L | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 27.72 | 235 | 223362 | 3.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 79.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 4.02 | 74 | 170508 | 2.87 | ug/L | 96 |
| 3) bis(2-Chloroethyl)ether | 9.24 | 93 | 412094 | 5.21 | ug/L | 99 |
| 4) 1,3-Dichlorobenzene | 9.61 | 146 | 255270 | 2.83 | ug/L | 99 |
| 5) 1,4-Dichlorobenzene | 9.75 | 146 | 273471 | 3.05 | ug/L | 97 |
| 6) 1,2-Dichlorobenzene | 10.24 | 146 | 273455 | 3.42 | ug/L | 97 |
| 7) 2,2'-oxybis (1-Chloropropa | 10.68 | 45 | 583727 | 4.64 | ug/L | 97 |
| 8) n-Nitroso-di-n-propylamine | 11.06 | 70 | 230035 | 3.90 | ug/L | 97 |
| 9) Hexachloroethane | 11.04 | 117 | 53651 | 1.73 | ug/L | 94 |
| 11) Nitrobenzene | 11.36 | 77 | 201407 | 2.22 | ug/L | 96 |
| 12) Isophorone | 12.04 | 82 | 703122 | 4.04 | ug/L | 97 |
| 13) bis(2-Chloroethoxy)methane | 12.77 | 93 | 485647 | 4.28 | ug/L | 99 |
| 14) 1,2,4-Trichlorobenzene | 13.12 | 180 | 208617 | 3.13 | ug/L | 96 |
| 15) Naphthalene | 13.24 | 128 | 1090198 | 4.28 | ug/L | 98 |
| 16) Hexachlorobutadiene | 13.84 | 225 | 59441 | 1.83 | ug/L | 96 |
| 19) 2-Chloronaphthalene | 16.65 | 162 | 569269 | 4.12 | ug/L | 94 |
| 20) Dimethylphthalate | 17.89 | 163 | 753417 | 4.80 | ug/L | 94 |
| 21) 2,6-Dinitrotoluene | 18.06 | 165 | 32575 | 0.90 | ug/L | 97 |
| 22) Acenaphthylene | 17.87 | 152 | 837916 | 3.96 | ug/L | 100 |
| 23) Acenaphthene | 18.42 | 153 | 686727 | 4.92 | ug/L | 99 |
| 24) 2,4-Dinitrotoluene | 19.18 | 165 | 33714 | 0.67 | ug/L | 91 |
| 25) Diethylphthalate | 19.99 | 149 | 745149 | 5.10 | ug/L | 99 |
| 26) 4-Chlorophenyl-phenylether | 20.02 | 204 | 348856 | 5.28 | ug/L | 92 |
| 27) Fluorene | 19.91 | 166 | 758614 | 4.51 | ug/L | 99 |
| 28) Azobenzene/1,2-Diphenylhyd | 20.47 | 77 | 853600 | 4.43 | ug/L | 94 |
| 30) N-nitrosodiphenylamine | 20.43 | 169 | 434495 | 4.01 | ug/L | 96 |
| 31) 4-Bromophenyl-phenylether | 21.44 | 248 | 195019 | 4.56 | ug/L | 98 |
| 32) Hexachlorobenzene | 21.76 | 284 | 207553 | 4.66 | ug/L | 95 |
| 33) Phenanthrene | 22.69 | 178 | 1214993 | 5.14 | ug/L | 99 |
| 34) Anthracene | 22.82 | 178 | 1085709 | 4.56 | ug/L | 99 |
| 35) Di-n-butylphthalate | 24.86 | 149 | 1132177 | 4.14 | ug/L | 99 |

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

Data File : C:\MSDCHEM\1\5973N\02FEB25\0116R.D Vial: 2
Acq On : 25 Feb 2002 12:03 pm Operator:
Sample : ref 1/16 Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 08:18:22 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

| | Compound | R.T. | QIon | Response | Conc | Unit | Qvalue |
|---|---|---|---|---|---|---|---|
| 36) | Fluoranthene | 26.21 | 202 | 1143045 | 4.58 | ug/L | 96 |
| 39) | Pyrene | 26.84 | 202 | 1237511 | 5.12 | ug/L | 94 |
| 40) | Butylbenzylphthalate | 29.25 | 149 | 180585 | 1.64 | ug/L | 96 |
| 41) | Benzo(a)anthracene | 30.44 | 228 | 725473 | 3.66 | ug/L | 98 |
| 42) | Bis(2-ethylhexyl)phthalate | 31.10 | 149 | 256078 | 1.85 | ug/L | 99 |
| 43) | Chrysene | 30.56 | 228 | 1040648 | 5.37 | ug/L | 99 |
| 45) | Di-n-octylphthalate | 32.82 | 149 | 199483 | 5.72 | ug/L | 97 |
| 46) | Benzo(b)fluoranthene | 33.44 | 252 | 486274m | 3.34 | ug/L | |
| 47) | Benzo(k)fluoranthene | 33.50 | 252 | 908001 | 5.55 | ug/L | 96 |
| 48) | Benzo(a)pyrene | 34.25 | 252 | 388103 | 2.62 | ug/L | 94 |
| 49) | Indeno(1,2,3-cd)pyrene | 37.00 | 276 | 280524m | 2.18 | ug/L | |
| 50) | Dibenz(a,h)anthracene | 37.09 | 278 | 228559 | 2.13 | ug/L | 97 |
| 51) | Benzo(g,h,i)perylene | 37.71 | 276 | 352170 | 2.93 | ug/L | 91 |

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

Data File : C:\MSDCHEM\1\5973N\02FEB25\0116R.D Vial: 2
Acq On : 25 Feb 2002 12:03 pm Operator:
Sample : ref 1/16 Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 8:26 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration