User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 09:47:57

Sample: AE00314
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 1/11/02 09:37 Ended: 1/15/02 09:37 Analyst: WB
Result source: a:\0111c40.rr
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 42 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 35 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 36 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 35 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 33 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 33 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 32 | | 2.0 |
| 8 | Hexachloroethane | | 33 | | 2.0 |
| 9 | Nitrobenzene | | 32 | | 2.0 |
| 10 | Isophorone | | 36 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 39 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 35 | | 2.0 |
| 13 | Naphthalene | | 35 | | 2.0 |
| 14 | Hexachlorobutadiene | | 32 | | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 33 | | 2.0 |
| 16 | 2-Chloronaphthalene | | 34 | | 2.0 |
| 17 | Dimethylphthalate | | 33 | | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 38 | | 2.0 |
| 19 | Acenaphthylene | | 36 | | 2.0 |
| 20 | Acenaphthene | | 30 | | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 42 | | 2.0 |
| 22 | Diethylphthalate | | 30 | | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 31 | | 2.0 |
| 24 | Fluorene | | 34 | | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydra | | 33 | | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 32 | | 2.0 |
| 27 | 4-Bromophenylphenylether | | 34 | | 2.0 |
| 28 | Hexachlorobenzene | | 33 | | 2.0 |
| 29 | Phenanthrene | | 34 | | 2.0 |
| 30 | Anthracene | | 36 | | 2.0 |
| 31 | Di-n-butylphthalate | | 35 | | 2.0 |
| 32 | Fluoranthene | | 38 | | 2.0 |
| 33 | Pyrene | | 31 | | 2.0 |
| 34 | Butylbenzylphthalate | | 34 | | 2.0 |
| 35 | Benzo(a)anthracene | | 36 | | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 34 | | 2.0 |
| 37 | Chrysene | | 29 | | 2.0 |
| 38 | Di-n-octylphthalate | | 39 | | 2.0 |
| 39 | Benzo(b)fluoranthene | | 37 | | 2.0 |
| 40 | Benzo(k)fluoranthene | | 34 | | 2.0 |
| 41 | Benzo(a)pyrene | | 40 | | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 47 | | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 42 | | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 42 | | 2.0 |

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\0111C40.D Vial: 2
Acq On : 11 Jan 2002 9:37 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:31:40 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.73 | 152 | 1396342 | 20.00 | ug/L | 0.01 |
| 10) Naphthalene-d8 | 13.22 | 136 | 6161113 | 20.00 | ug/L | 0.00 |
| 17) Acenaphthene-d10 | 18.35 | 164 | 3189102 | 20.00 | ug/L | 0.00 |
| 29) Phenanthrene-d10 | 22.66 | 188 | 5408574 | 20.00 | ug/L | -0.01 |
| 38) Chrysene-d12 | 30.52 | 240 | 4536287 | 20.00 | ug/L | 0.01 |
| 44) Perylene-d12 | 34.43 | 264 | 3310021 | 20.00 | ug/L | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 27.58 | 235 | 38978 | 0.46 | ug/L | -0.15 |
| Spiked Amount 5.000 | | | Recovery = | 9.20% | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 3.99 | 74 | 2505368 | 42.10 | ug/L | 54 |
| 3) bis(2-Chloroethyl)ether | 9.28 | 93 | 3127394 | 35.23 | ug/L | 80 |
| 4) 1,3-Dichlorobenzene | 9.62 | 146 | 3752699 | 35.82 | ug/L | 97 |
| 5) 1,4-Dichlorobenzene | 9.77 | 146 | 3648737 | 34.68 | ug/L | 99 |
| 6) 1,2-Dichlorobenzene | 10.25 | 146 | 3064447 | 32.80 | ug/L | 100 |
| 7) 2,2'-oxybis (1-Chloropropa | 10.69 | 45 | 5285784 | 32.73 | ug/L | 95 |
| 8) n-Nitroso-di-n-propylamine | 11.09 | 70 | 2350354 | 31.89 | ug/L | 83 |
| 9) Hexachloroethane | 11.03 | 117 | 1247164 | 33.11 | ug/L | 99 |
| 11) Nitrobenzene | 11.38 | 77 | 3733982 | 32.46 | ug/L | 87 |
| 12) Isophorone | 12.05 | 82 | 7440272 | 35.85 | ug/L | 94 |
| 13) bis(2-Chloroethoxy)methane | 12.79 | 93 | 4754612 | 38.54 | ug/L | 94 |
| 14) 1,2,4-Trichlorobenzene | 13.14 | 180 | 2804203 | 34.91 | ug/L | 97 |
| 15) Naphthalene | 13.27 | 128 | 10330497 | 35.01 | ug/L | 99 |
| 16) Hexachlorobutadiene | 13.85 | 225 | 1354068 | 31.70 | ug/L | 99 |
| 18) Hexachlorocyclopentadiene | 15.97 | 237 | 941632 | 33.04 | ug/L | 96 |
| 19) 2-Chloronaphthalene | 16.67 | 162 | 6033896 | 34.26 | ug/L | 95 |
| 20) Dimethylphthalate | 17.93 | 163 | 6956855 | 33.03 | ug/L | 92 |
| 21) 2,6-Dinitrotoluene | 18.10 | 165 | 1542784 | 37.56 | ug/L | 74 |
| 22) Acenaphthylene | 17.88 | 152 | 9286620 | 36.16 | ug/L | 98 |
| 23) Acenaphthene | 18.46 | 153 | 5555077 | 30.36 | ug/L | 99 |
| 24) 2,4-Dinitrotoluene | 19.22 | 165 | 2244222 | 41.72 | ug/L | 94 |
| 25) Diethylphthalate | 20.04 | 149 | 6136414 | 30.41 | ug/L | 98 |
| 26) 4-Chlorophenyl-phenylether | 20.05 | 204 | 2604703 | 30.71 | ug/L | 88 |
| 27) Fluorene | 19.94 | 166 | 7135213 | 34.29 | ug/L | 98 |
| 28) Azobenzene/1,2-Diphenylhyd | 20.50 | 77 | 8282657 | 32.92 | ug/L | 88 |
| 30) N-nitrosodiphenylamine | 20.48 | 169 | 4441045 | 32.37 | ug/L | 99 |
| 31) 4-Bromophenyl-phenylether | 21.46 | 248 | 1895476 | 33.68 | ug/L | 93 |
| 32) Hexachlorobenzene | 21.80 | 284 | 1977082 | 33.24 | ug/L | 98 |
| 33) Phenanthrene | 22.74 | 178 | 10117682 | 33.95 | ug/L | 99 |
| 34) Anthracene | 22.86 | 178 | 10266844 | 35.51 | ug/L | 99 |

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\0111C40.D Vial: 2
Acq On : 11 Jan 2002 9:37 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:31:40 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

| | Compound | R.T. | QIon | Response | Conc | Unit | Qvalue |
|---|---|---|---|---|---|---|---|
| 35) | Di-n-butylphthalate | 24.87 | 149 | 12214294 | 35.02 | ug/L | 98 |
| 36) | Fluoranthene | 26.25 | 202 | 11078583 | 37.67 | ug/L | 97 |
| 39) | Pyrene | 26.88 | 202 | 11054886 | 30.64 | ug/L | 97 |
| 40) | Butylbenzylphthalate | 29.27 | 149 | 5577167 | 33.77 | ug/L | 98 |
| 41) | Benzo(a)anthracene | 30.48 | 228 | 9980698 | 36.47 | ug/L | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 31.13 | 149 | 7173087 | 34.25 | ug/L | 96 |
| 43) | Chrysene | 30.60 | 228 | 7684259 | 29.02 | ug/L | 99 |
| 45) | Di-n-octylphthalate | 32.85 | 149 | 12182324 | 39.23 | ug/L | 100 |
| 46) | Benzo(b)fluoranthene | 33.48 | 252 | 9607188 | 36.62 | ug/L | 98 |
| 47) | Benzo(k)fluoranthene | 33.56 | 252 | 8584554 | 34.23 | ug/L | 97 |
| 48) | Benzo(a)pyrene | 34.29 | 252 | 8577186 | 39.92 | ug/L | 97 |
| 49) | Indeno(1,2,3-cd)pyrene | 37.07 | 276 | 8557142 | 47.41 | ug/L | 90 |
| 50) | Dibenz(a,h)anthracene | 37.16 | 278 | 6820954 | 42.23 | ug/L | 97 |
| 51) | Benzo(g,h,i)perylene | 37.78 | 276 | 6996277 | 41.92 | ug/L | 95 |

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\0111C40.D Vial: 2
Acq On : 11 Jan 2002 9:37 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:31 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration