

User: Fakhouri, Morgan  
 Westchester Dept. of Labs & Research  
 Date: 03/01/2002 Time: 15:03:14

Sample: AE02457  
 Analysis: \$C1GCMS CALI GCMS  
 Units: ug  
 Started: 3/1/02 14:50 Ended: 3/1/02 14:50 Analyst: MF  
 Page: 1

|    | Component Name                | Viol | Result | Qualifier | MDL |
|----|-------------------------------|------|--------|-----------|-----|
| 1  | n-Nitrosodimethylamine        |      | 35.80  |           | 2.0 |
| 2  | bis(2-Chloroethyl)ether       |      | 33.95  |           | 2.0 |
| 3  | 1,3-Dichlorobenzene           |      | 35.29  |           | 2.0 |
| 4  | 1,4-Dichlorobenzene           |      | 34.90  |           | 2.0 |
| 5  | 1,2-Dichlorobenzene           |      | 34.51  |           | 2.0 |
| 6  | 2,2'-oxybis(1-Chloropropane)  |      | 32.52  |           | 2.0 |
| 7  | n-Nitrosodi-n-propylamine     |      | 32.22  |           | 2.0 |
| 8  | Hexachloroethane              |      | 34.16  |           | 2.0 |
| 9  | Nitrobenzene                  |      | 38.07  |           | 2.0 |
| 10 | Isophorone                    |      | 37.51  |           | 2.0 |
| 11 | bis(2-Chloroethoxy)methane    |      | 36.46  |           | 2.0 |
| 12 | 1,2,4-Trichlorobenzene        |      | 39.04  |           | 2.0 |
| 13 | Naphthalene                   |      | 37.13  |           | 2.0 |
| 14 | Hexachlorobutadiene           |      | 40.57  |           | 2.0 |
| 15 | 2-Chloronaphthalene           |      | 38.47  |           | 2.0 |
| 16 | Dimethylphthalate             |      | 39.71  |           | 2.0 |
| 17 | 2,6-Dinitrotoluene            |      | 41.45  |           | 2.0 |
| 18 | Acenaphthylene                |      | 38.21  |           | 2.0 |
| 19 | Acenaphthene                  |      | 37.75  |           | 2.0 |
| 20 | 2,4-Dinitrotoluene            |      | 42.26  |           | 2.0 |
| 21 | Diethylphthalate              |      | 39.74  |           | 2.0 |
| 22 | 4-Chlorophenylphenylether     |      | 39.25  |           | 2.0 |
| 23 | Fluorene                      |      | 37.64  |           | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz |      | 40.05  |           | 2.0 |
| 25 | n-Nitrosodiphenylamine        |      | 36.39  |           | 2.0 |
| 26 | 4-Bromophenylphenylether      |      | 39.24  |           | 2.0 |
| 27 | Hexachlorobenzene             |      | 40.32  |           | 2.0 |
| 28 | Phenanthrene                  |      | 37.55  |           | 2.0 |
| 29 | Anthracene                    |      | 37.05  |           | 2.0 |
| 30 | Di-n-butylphthalate           |      | 39.33  |           | 2.0 |
| 31 | Fluoranthene                  |      | 39.20  |           | 2.0 |
| 32 | Pyrene                        |      | 38.69  |           | 2.0 |
| 33 | Butylbenzylphthalate          |      | 40.99  |           | 2.0 |
| 34 | Benzo(a)anthracene            |      | 39.35  |           | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate    |      | 41.33  |           | 2.0 |
| 36 | Chrysene                      |      | 38.68  |           | 2.0 |
| 37 | Di-n-octylphthalate           |      | 43.03  |           | 2.0 |
| 38 | Benzo(b)fluoranthene          |      | 40.68  |           | 2.0 |
| 39 | Benzo(k)fluoranthene          |      | 39.18  |           | 2.0 |
| 40 | Benzo(a)pyrene                |      | 39.53  |           | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene        |      | 39.84  |           | 2.0 |
| 42 | Dibenz(a,h)anthracene         |      | 37.95  |           | 2.0 |
| 43 | Benzo(g,h,i)perylene          |      | 36.75  |           | 2.0 |

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022702\CAL40X.D  
 Acq On : 27 Feb 2002 6:52 am  
 Sample : CAL 40  
 Misc :

Vial: 2  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

MS Integration Params: BENZO.P  
 Quant Time: Mar 01 08:45:38 2002

Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)  
 Title : Quantitation For Method 508gcscan  
 Last Update : Mon Feb 25 19:17:14 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 9.59  | 150  | 1894935  | 20.00 | ug/L  | 0.00     |
| 10) Naphthalene-d8        | 13.07 | 136  | 4192551  | 20.00 | ug/L  | 0.00     |
| 17) Acenaphthene-d10      | 18.18 | 164  | 2200043  | 20.00 | ug/L  | 0.00     |
| 29) Phenanthrene-d10      | 22.54 | 188  | 3564094  | 20.00 | ug/L  | 0.00     |
| 38) Chrysene-d12          | 30.39 | 240  | 3079791  | 20.00 | ug/L  | 0.03     |
| 44) Perylene-d12          | 34.24 | 264  | 2193404  | 20.00 | ug/L  | 0.02     |

## System Monitoring Compounds

|                  |       |     |          |      |        |      |
|------------------|-------|-----|----------|------|--------|------|
| 37) 2,4-ddd surr | 27.47 | 235 | 36382    | 0.64 | ug/L   | 0.00 |
| Spiked Amount    | 5.000 |     | Recovery | =    | 12.80% |      |

## Target Compounds

|                                 |       |     |         |       |      | Qvalue |
|---------------------------------|-------|-----|---------|-------|------|--------|
| 2) N-nitroso-dimethyl amine     | 3.59  | 74  | 2051521 | 35.80 | ug/L | 100    |
| 3) bis(2-chloroethyl) ether     | 9.05  | 93  | 3046129 | 33.95 | ug/L | 99     |
| 4) 1,3 - Dichlorobenze          | 9.42  | 146 | 2989341 | 35.29 | ug/L | 100    |
| 5) 1,4 - Dichlorobenzene        | 9.64  | 146 | 2938142 | 34.90 | ug/L | 100    |
| 6) 1,2 - Dichlorobenzene        | 10.02 | 146 | 2690162 | 34.51 | ug/L | 99     |
| 7) 2,2' - oxybis (1-Chloropr    | 10.49 | 45  | 7055315 | 32.52 | ug/L | 99     |
| 8) N-Nitroso-di-n-propylamine   | 10.85 | 70  | 2217426 | 32.22 | ug/L | 100    |
| 9) Hexachloroethane             | 10.90 | 117 | 1162504 | 34.16 | ug/L | 98     |
| 11) Nitrobenzene                | 11.18 | 77  | 3720222 | 38.07 | ug/L | 99     |
| 12) Isophorone                  | 11.90 | 82  | 6685837 | 37.51 | ug/L | 100    |
| 13) bis(2-Chloroethoxy) methan  | 12.64 | 93  | 3939620 | 36.46 | ug/L | 99     |
| 14) 1,2,4-Trichlorobenzene      | 12.95 | 180 | 2328074 | 39.04 | ug/L | 99     |
| 15) Naphthalene                 | 13.14 | 128 | 8186140 | 37.13 | ug/L | 100    |
| 16) Hexachlorobutadiene         | 13.58 | 225 | 1343218 | 40.57 | ug/L | 100    |
| 18) Hexachlorocyclopentadiene   | 15.65 | 237 | 900493  | 41.85 | ug/L | 97     |
| 19) 2-chloronaphthalene         | 16.57 | 162 | 4837308 | 38.47 | ug/L | 99     |
| 20) Dimethylphthalate           | 17.68 | 163 | 5954773 | 39.71 | ug/L | 99     |
| 21) 2,6-Dinitrotoluene          | 17.79 | 165 | 1268654 | 41.45 | ug/L | 97     |
| 22) Acenaphthylene              | 17.75 | 152 | 6603689 | 38.21 | ug/L | 100    |
| 23) Acenaphthene                | 18.30 | 153 | 4532795 | 37.75 | ug/L | 100    |
| 24) 2,4-Dinitrotoluene          | 18.95 | 165 | 1856700 | 42.26 | ug/L | 99     |
| 25) Diethylphthalate            | 19.81 | 149 | 5105616 | 39.74 | ug/L | 99     |
| 26) 4-Chlorophenyl-phenyl ethe  | 19.96 | 204 | 2622288 | 39.25 | ug/L | 99     |
| 27) Fluorene                    | 19.83 | 166 | 5151320 | 37.64 | ug/L | 98     |
| 28) Azobenzene/ 1,2-Diphenylhyd | 20.42 | 77  | 7860764 | 40.05 | ug/L | 99     |
| 30) N-Nitrosodiphenylamine      | 20.35 | 169 | 3461486 | 36.39 | ug/L | 100    |
| 31) 4-Bromophenyl-phenyl ether  | 21.38 | 248 | 1476721 | 39.24 | ug/L | 97     |
| 32) Hexachlorobenzene           | 21.42 | 284 | 1561769 | 40.32 | ug/L | 96     |
| 33) Phenanthrene                | 22.63 | 178 | 7759090 | 37.55 | ug/L | 99     |
| 34) Anthracene                  | 22.78 | 178 | 7348824 | 37.05 | ug/L | 100    |
| 35) Di-n-butylphthalate         | 24.71 | 149 | 9389963 | 39.33 | ug/L | 100    |
| 36) Fluoranthene                | 26.13 | 202 | 9318013 | 39.20 | ug/L | 99     |
| 39) Pyrene                      | 26.76 | 202 | 9684171 | 38.69 | ug/L | 97     |
| 40) Butylbenzylphthalate        | 29.11 | 149 | 4394226 | 40.99 | ug/L | 94     |
| 41) Benzo (a) anthracene        | 30.35 | 228 | 7952048 | 39.35 | ug/L | 100    |
| 42) Bis (2-ethylhexyl) phthala  | 30.97 | 149 | 5772532 | 41.33 | ug/L | 99     |
| 43) Chrysene                    | 30.47 | 228 | 7617894 | 38.68 | ug/L | 99     |
| 45) Di-n-Octylphthalate         | 32.82 | 149 | 9677936 | 43.03 | ug/L | 98     |
| 46) Benzo (b) fluoranthene      | 33.31 | 252 | 7464640 | 40.68 | ug/L | 99     |

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

CAL40X.D 5080202.M Fri Mar 01 08:45:55 2002