

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\0408C2.D  
 Acq On : 8 Apr 2002 12:45 pm  
 Sample : 10.0  
 Misc :

Vial: 3  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

MS Integration Params: EVENTS.E  
 Quant Time: Apr 10 14:25:26 2002

Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Tue Apr 09 14:51:40 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN1

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 10.66 | 152  | 2408848  | 20.00 | ug/l  | 0.00      |
| 10) Naphthalene-d8        | 15.77 | 136  | 9402199  | 20.00 | ug/l  | -0.01     |
| 17) Acenaphthene-d10      | 23.66 | 164  | 4892223  | 20.00 | ug/l  | 0.00      |
| 31) Phenanthrene-d10      | 30.90 | 188  | 7711215  | 20.00 | ug/l  | 0.00      |
| 39) Chrysene-d12          | 39.10 | 240  | 6275911  | 20.00 | ug/l  | -0.02     |
| 45) Perylene-d12          | 42.30 | 264  | 3079464  | 20.00 | ug/l  | 0.00      |

## System Monitoring Compounds

|               |       |     |          |      |        |       |
|---------------|-------|-----|----------|------|--------|-------|
| 28) TCMX      | 26.53 | 207 | 57724    | 0.85 | ug/l   | -0.03 |
| Spiked Amount | 5.000 |     | Recovery | =    | 17.00% |       |
| 38) 2,4-DDD   | 36.61 | 235 | 85309    | 0.88 | ug/ml  | 0.00  |
| Spiked Amount | 5.000 |     | Recovery | =    | 17.60% |       |

## Target Compounds

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) N-nitrosodimethylamine      | 3.61  | 74   | 650999m  | 8.42  | ug/l  |        |
| 3) bis(2-Chloroethyl) ether    | 9.96  | 93   | 1480376  | 10.32 | ug/l  | 98     |
| 4) 1,3-Dichlorobenzene         | 10.41 | 146  | 1757730  | 10.13 | ug/l  | 98     |
| 5) 1,4-Dichlorobenzene         | 10.72 | 146  | 1781312  | 10.17 | ug/l  | 98     |
| 6) 1,2-Dichlorobenzene         | 11.24 | 146  | 1674144  | 10.15 | ug/l  | 98     |
| 7) 2,2'-oxybis(1-Chloropropane | 12.04 | 45   | 2414713m | 9.95  | ug/l  |        |
| 8) N-Nitroso-di-n-propylamine  | 12.52 | 43   | 990385   | 10.26 | ug/l  | 99     |
| 9) Hexachloroethane            | 12.52 | 119  | 598790   | 10.15 | ug/l  | 97     |
| 11) Nitrobenzene               | 12.94 | 77   | 1647584  | 10.32 | ug/l  | 97     |
| 12) Isophorone                 | 14.03 | 82   | 2751656  | 10.15 | ug/l  | 99     |
| 13) bis(2-Chloroethoxy) methan | 15.26 | 93   | 1780201  | 10.21 | ug/l  | 98     |
| 14) 1,2,4-Trichlorobenzene     | 15.62 | 180  | 1348141  | 9.89  | ug/l  | 99     |
| 15) Naphthalene                | 15.85 | 128  | 4691481  | 10.36 | ug/l  | 99     |
| 16) Hexachlorobutadiene        | 16.62 | 225  | 720906   | 9.69  | ug/l  | 97     |
| 18) Hexachlorocyclopentadiene  | 19.80 | 237  | 283646   | 6.59  | ug/l  | 99     |
| 19) 2-Chloronaphthalene        | 21.14 | 162  | 2675251  | 9.97  | ug/l  | 99     |
| 20) Acenaphthylene             | 22.95 | 152  | 3631403  | 9.68  | ug/l  | 99     |
| 21) Dimethyl phthalate         | 23.04 | 163  | 2900924  | 9.90  | ug/l  | 99     |
| 22) 2,6-Dinitrotoluene         | 23.15 | 77   | 141010   | 9.00  | ug/l  | # 87   |
| 23) Acenaphthene               | 23.79 | 153  | 2818064  | 10.19 | ug/l  | 99     |
| 24) 2,4-Dinitrotoluene         | 24.92 | 165  | 473275   | 6.69  | ug/l  | 96     |
| 25) Fluorene                   | 26.20 | 166  | 2986150  | 9.84  | ug/l  | 100    |
| 26) Diethyl phthalate          | 26.42 | 149  | 2842029  | 9.95  | ug/l  | 98     |
| 27) 4-Chlorophenyl-phenylether | 26.53 | 204  | 1389133  | 9.77  | ug/l  | 96     |
| 29) N-Nitrosodiphenylamine     | 27.14 | 168  | 1190170  | 10.38 | ug/l  | 97     |
| 30) Azobenzene                 | 27.23 | 77   | 3416739  | 10.10 | ug/l  | 98     |
| 32) Hexachlorobenzene          | 28.77 | 284  | 949676   | 9.38  | ug/l  | 98     |
| 33) 4-Bromophenyl-phenylether  | 28.89 | 248  | 766735   | 9.24  | ug/l  | 93     |

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

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Vial: 3

Acq On : 8 Apr 2002 12:45 pm

Operator: McLean

Sample :

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 10 14:25:26 2002

Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Tue Apr 09 14:51:40 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN1

| Compound                       | R.T.  | QIon | Response | Conc  | Unit | Qvalue |
|--------------------------------|-------|------|----------|-------|------|--------|
| 34) Phenanthrene               | 30.99 | 178  | 4337622  | 10.05 | ug/l | 98     |
| 35) Anthracene                 | 31.22 | 178  | 4109303  | 9.82  | ug/l | 100    |
| 36) Di-n-butylphthalate        | 33.98 | 149  | 4156042  | 9.56  | ug/l | 99     |
| 37) Fluoranthene               | 35.23 | 202  | 4277991  | 9.66  | ug/l | 97     |
| 40) Pyrene                     | 35.83 | 202  | 4498940  | 10.03 | ug/l | 97     |
| 41) Buthylbenzylphthalate      | 38.10 | 149  | 1227107  | 7.34  | ug/l | 95     |
| 42) Benz(a)anthracene          | 39.08 | 228  | 3298859  | 9.47  | ug/l | 99     |
| 43) Chrysene                   | 39.16 | 228  | 3358822  | 9.83  | ug/l | 100    |
| 44) Bis(2-ethylhexyl)phthalate | 39.69 | 149  | 1303132  | 6.85  | ug/l | 93     |
| 46) Di-n-Octyl phthalate       | 41.19 | 149  | 1209340  | 10.20 | ug/l | 93     |
| 47) Benzo(b)fluoranthene       | 41.53 | 252  | 2146163  | 8.65  | ug/l | 96     |
| 48) Benzo(k)fluoranthene       | 41.59 | 252  | 2736076  | 9.60  | ug/l | 96     |
| 49) Benzo(a)pyrene             | 42.17 | 252  | 1679499  | 8.03  | ug/l | 95     |
| 50) Indeno(1,2,3-cd)pyrene     | 44.35 | 276  | 610788   | 9.91  | ug/l | 96     |
| 51) Dibenz(a,h)anthracene      | 44.45 | 278  | 790244   | 6.61  | ug/l | 96     |
| 52) Benzo(ghi)perylene         | 44.89 | 276  | 1036855  | 8.37  | ug/l | 94     |

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 (#) = qualifier out of range (m) = manual integration (+) = signals summed  
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 Quant Time: Apr 10 14:25 2002

Vial: 3  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Tue Apr 09 14:51:40 2002  
 Response via : Initial Calibration

