

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410REF2.D

Vial: 8

Acq On : 19 Apr 2002 3:00 pm

Operator: Nefliu

Sample : 04/10 ref

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 19 15:47:34 2002

Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri Apr 19 13:40:58 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN1

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 11.38 | 152  | 10377103 | 40.00 | ug/l  | -0.05    |
| 10) Naphthalene-d8        | 16.54 | 136  | 40199798 | 40.00 | ug/l  | -0.06    |
| 17) Acenaphthene-d10      | 24.47 | 164  | 21743526 | 40.00 | ug/l  | -0.06    |
| 31) Phenanthrene-d10      | 31.72 | 188  | 32249136 | 40.00 | ug/l  | -0.05    |
| 39) Chrysene-d12          | 39.94 | 240  | 24194907 | 40.00 | ug/l  | -0.07    |
| 45) Perylene-d12          | 43.16 | 264  | 16859684 | 40.00 | ug/l  | -0.04    |

## System Monitoring Compounds

|               |        |     |          |      |        |       |
|---------------|--------|-----|----------|------|--------|-------|
| 28) TCMX      | 27.54  | 207 | 1005179  | 7.44 | ug/l   | -0.07 |
| Spiked Amount | 10.000 |     | Recovery | =    | 74.40% |       |

## Target Compounds

Qvalue

|                                |       |     |           |       |      |      |
|--------------------------------|-------|-----|-----------|-------|------|------|
| 2) N-nitrosodimethylamine      | 4.00  | 74  | 1291593m  | 7.74  | ug/l |      |
| 3) bis(2-Chloroethyl) ether    | 10.66 | 93  | 4919526   | 14.34 | ug/l | 99   |
| 4) 1,3-Dichlorobenzene         | 11.12 | 146 | 4597133   | 12.53 | ug/l | 99   |
| 5) 1,4-Dichlorobenzene         | 11.44 | 146 | 4789340   | 12.03 | ug/l | 98   |
| 6) 1,2-Dichlorobenzene         | 11.96 | 146 | 4794712   | 13.72 | ug/l | 99   |
| 7) 2,2'-oxybis(1-Chloropropane | 12.79 | 45  | 7460190m  | 15.45 | ug/l |      |
| 8) N-Nitroso-di-n-propylamine  | 13.26 | 43  | 2628146   | 14.61 | ug/l | 98   |
| 9) Hexachloroethane            | 13.26 | 119 | 1212933   | 8.89  | ug/l | 91   |
| 11) Nitrobenzene               | 13.67 | 77  | 3627931   | 12.28 | ug/l | 98   |
| 12) Isophorone                 | 14.79 | 82  | 7312636   | 12.57 | ug/l | 97   |
| 13) bis(2-Chloroethoxy) methan | 16.03 | 93  | 6100232   | 14.89 | ug/l | 96   |
| 14) 1,2,4-Trichlorobenzene     | 16.39 | 180 | 3851660   | 13.48 | ug/l | 99   |
| 15) Naphthalene                | 16.62 | 128 | 14886653  | 15.53 | ug/l | 98   |
| 16) Hexachlorobutadiene        | 17.40 | 225 | 1298265   | 10.08 | ug/l | 96   |
| 18) Hexachlorocyclopentadiene  | 20.59 | 237 | 170506    | 1.70  | ug/l | 87   |
| 19) 2-Chloronaphthalene        | 21.93 | 162 | 9122117   | 17.18 | ug/l | 97   |
| 20) Acenaphthylene             | 23.75 | 152 | 13339724  | 13.73 | ug/l | 97   |
| 21) Dimethyl phthalate         | 23.85 | 163 | 10614964  | 16.32 | ug/l | 99   |
| 22) 2,6-Dinitrotoluene         | 23.96 | 77  | 329623    | 10.90 | ug/l | # 87 |
| 23) Acenaphthene               | 24.60 | 153 | 8906425   | 16.20 | ug/l | 98   |
| 24) 2,4-Dinitrotoluene         | 25.74 | 165 | 1268774   | 10.61 | ug/l | 100  |
| 25) Fluorene                   | 27.01 | 166 | 10780798  | 16.96 | ug/l | 96   |
| 26) Diethyl phthalate          | 27.23 | 149 | 9895211   | 17.03 | ug/l | 99   |
| 27) 4-Chlorophenyl-phenylether | 27.35 | 204 | 4594441   | 16.06 | ug/l | 99   |
| 29) N-Nitrosodiphenylamine     | 27.95 | 168 | 2276701   | 11.19 | ug/l | # 88 |
| 30) Azobenzene                 | 28.03 | 77  | 9177609   | 13.54 | ug/l | 93   |
| 32) Hexachlorobenzene          | 29.60 | 284 | 2982289   | 18.10 | ug/l | 97   |
| 33) 4-Bromophenyl-phenylether  | 29.71 | 248 | 2560817   | 16.36 | ug/l | 88   |
| 34) Phenanthrene               | 31.82 | 178 | 15198074m | 16.89 | ug/l |      |
| 35) Anthracene                 | 32.05 | 178 | 13103755  | 14.15 | ug/l | 98   |

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

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## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410REF2.D Vial: 8  
 Acq On : 19 Apr 2002 3:00 pm Operator: Nefliu  
 Sample : 04/10 ref Inst : Instrumen  
 Misc : Multiplr: 1.00  
 MS Integration Params: EVENTS.E  
 Quant Time: Apr 19 15:47:34 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Fri Apr 19 13:40:58 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN1

| Compound                       | R.T.  | QIon | Response  | Conc  | Unit   | Qvalue |
|--------------------------------|-------|------|-----------|-------|--------|--------|
| 36) Di-n-butylphthalate        | 34.81 | 149  | 17560642  | 15.53 | ug/l   | 99     |
| 37) Fluoranthene               | 36.06 | 202  | 15269342  | 16.90 | ug/l   | 84     |
| 40) Pyrene                     | 36.66 | 202  | 16116370  | 16.57 | ug/l   | 91     |
| 41) Buthylbenzylphthalate      | 38.93 | 149  | 6806367   | 13.80 | ug/l   | 94     |
| 42) Benz(a)anthracene          | 39.92 | 228  | 12960109  | 16.10 | ug/l   | 97     |
| 43) Chrysene                   | 40.00 | 228  | 12618530  | 17.04 | ug/l   | 97     |
| 44) Bis(2-ethylhexyl)phthalate | 40.53 | 149  | 8836001   | 14.60 | ug/l   | 94     |
| 46) Di-n-Octyl phthalate       | 42.04 | 149  | 13060180  | 11.65 | ug/l   | 96     |
| 47) Benzo(b)fluoranthene       | 42.37 | 252  | 11249969m | 14.95 | ug/l   |        |
| 48) Benzo(k)fluoranthene       | 42.44 | 252  | 11232404  | 15.01 | ug/l   | 90     |
| 49) Benzo(a)pyrene             | 43.02 | 252  | 8009430m  | 11.25 | ug/l   |        |
| 50) Indeno(1,2,3-cd)pyrene     | 45.22 | 138  | 2641887   | 15.31 | ug/l # | 51     |
| 51) Dibenz(a,h)anthracene      | 45.32 | 139  | 2278053   | 17.63 | ug/l # | 81     |
| 52) Benzo(ghi)perylene         | 45.78 | 276  | 7333829   | 18.27 | ug/l   | 85     |

-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed  
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Vial: 8

Acq On : 19 Apr 2002 3:00 pm

Operator: Nefliu

Sample : 04/10 ref

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 22 15:34 2002

Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Mon Apr 22 08:00:39 2002

Response via : Initial Calibration

