Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003912.D
Acq On : 31 Dec 2015 13:45
Operator : SJ/UM
Sample : SSTDICC002
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC002

Quant Time: Dec 31 15:06:50 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:50:56 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 50391 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.46 | 136 | 213344 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 110791 | 5.00 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 271380 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 238278 | 5.00 | ng | | 0.01 |
| 35) Perylene-d12 | 23.52 | 264 | 168426 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.27 | 112 | 19639 | 1.92 | ng | | 0.00 |
| 5) Phenol-d6 | 6.85 | 99 | 24617 | 2.01 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.83 | 82 | 20511 | 2.04 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 5504 | 2.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 68803 | 1.89 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 65506 | 1.71 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 8732 | 1.72 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.48 | 42 | 10326 | 2.00 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.10 | 93 | 22709 | 1.97 | ng | | 99 |
| 9) Nitrobenzene | 8.87 | 77 | 22598 | 2.10 | ng | | 100 |
| 10) Naphthalene | 10.51 | 128 | 88940 | 1.87 | ng | | 97 |
| 11) Hexachlorobutadiene | 10.80 | 225 | 13445 | 1.85 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.13 | 142 | 61202 | 1.92 | ng | | 98 |
| 16) Acenaphthylene | 14.02 | 152 | 93740 | 2.09 | ng | | 100 |
| 17) Acenaphthene | 14.38 | 154 | 62541 | 1.90 | ng | | 96 |
| 18) Fluorene | 15.38 | 166 | 77456 | 2.01 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.25 | 248 | 17147 | 2.00 | ng | # | 69 |
| 21) Hexachlorobenzene | 16.38 | 284 | 19338 | 2.10 | ng | # | 73 |
| 22) Pentachlorophenol | 16.74 | 266 | 4778 | 2.67 | ng | | 90 |
| 23) Phenanthrene | 17.09 | 178 | 110970 | 1.89 | ng | | 98 |
| 24) Anthracene | 17.20 | 178 | 121444 | 2.26 | ng | | 99 |
| 25) Fluoranthene | 19.15 | 202 | 124510 | 2.04 | ng | | 100 |
| 27) Benzidine | 19.34 | 184 | 35365 | 2.30 | ng | | 98 |
| 28) Pyrene | 19.51 | 202 | 142144 | 1.68 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 127957m | 1.90 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.20 | 252 | 34117 | 2.14 | ng | # | 86 |
| 32) Chrysene | 21.30 | 228 | 109213m | 1.54 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 50383 | 1.90 | ng | # | 98 |
| 34) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 84167 | 1.69 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.84 | 252 | 100514 | 1.94 | ng | | 97 |
| 37) Benzo(k)fluoranthene | 22.88 | 252 | 98251 | 1.95 | ng | | 97 |
| 38) Benzo(a)pyrene | 23.41 | 252 | 86372 | 1.99 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 25.77 | 278 | 66983 | 1.79 | ng | | 96 |
| 40) Benzo(g,h,i)perylene | 26.44 | 276 | 68476 | 1.72 | ng | | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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