Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002917.D
Acq On : 15 Oct 2015 16:54
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC001EC

**Manual Integrations APPROVED**
MMdadoda
10/16/2015 3:58:36 PM

Quant Time: Oct 16 06:55:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.66 | 152 | 89061 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.51 | 136 | 367890 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.23 | 164 | 186373 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.95 | 188 | 477028 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 22.03 | 240 | 374825 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 24.61 | 264 | 348168 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 6.15 | 112 | 16119m | 0.97 | ng | | -0.02 |
| 5) Phenol-d6 | 7.79 | 99 | 20899 | 0.98 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.87 | 82 | 16300 | 0.92 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.71 | 330 | 5312 | 0.86 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.88 | 172 | 60603 | 1.02 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.48 | 244 | 59034 | 1.05 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.77 | 88 | 7480 | 0.92 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 4.17 | 42 | 6338 | 1.00 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 8.04 | 93 | 20414 | 1.01 | ng | | 99 |
| 9) Nitrobenzene | 9.91 | 77 | 17210 | 0.92 | ng | | 99 |
| 10) Naphthalene | 11.56 | 128 | 79053 | 0.97 | ng | | 99 |
| 11) Hexachlorobutadiene | 11.80 | 225 | 12844 | 0.97 | ng | | 100 |
| 12) 2-Methylnaphthalene | 13.12 | 142 | 53291 | 0.97 | ng | | 99 |
| 16) Acenaphthylene | 14.96 | 152 | 77722 | 0.95 | ng | | 99 |
| 17) Acenaphthene | 15.29 | 154 | 54580 | 0.98 | ng | # | 100 |
| 18) Fluorene | 16.27 | 166 | 66448 | 1.00 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 17.13 | 248 | 20510 | 1.04 | ng | | 89 |
| 21) Hexachlorobenzene | 17.28 | 284 | 19746 | 1.06 | ng | # | 49 |
| 22) Pentachlorophenol | 17.64 | 266 | 1486m | 0.89 | ng | | |
| 23) Phenanthrene | 18.00 | 178 | 98569 | 0.89 | ng | | 100 |
| 24) Anthracene | 18.07 | 178 | 88822m | 0.84 | ng | | |
| 25) Fluoranthene | 19.96 | 202 | 110736 | 0.90 | ng | | 99 |
| 27) Benzidine | 20.12 | 184 | 39133 | 0.84 | ng | | 96 |
| 28) Pyrene | 20.32 | 202 | 113891 | 1.03 | ng | | 100 |
| 30) Benzo(a)anthracene | 22.01 | 228 | 101191 | 0.93 | ng | # | 87 |
| 31) 3,3'-Dichlorobenzidine | 21.93 | 252 | 31622 | 0.86 | ng | # | 77 |
| 32) Chrysene | 22.07 | 228 | 102739 | 1.01 | ng | # | 89 |
| 33) Bis(2-ethylhexyl)phthalate | 21.85 | 149 | 49525 | 0.86 | ng | # | 93 |
| 34) Indeno(1,2,3-cd)pyrene | 27.31 | 276 | 101708 | 0.98 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 23.82 | 252 | 103952 | 1.04 | ng | | 99 |
| 37) Benzo(k)fluoranthene | 23.87 | 252 | 88894 | 0.91 | ng | | 99 |
| 38) Benzo(a)pyrene | 24.49 | 252 | 83311 | 0.94 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 27.31 | 278 | 81381 | 0.96 | ng | | 98 |
| 40) Benzo(g,h,i)perylene | 28.16 | 276 | 86001 | 0.97 | ng | | 100 |

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

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