Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
Data File : BM003825.D
Acq On : 28 Dec 2015 13:04
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC001

Quant Time: Dec 29 01:30:04 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 53747 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.46 | 136 | 226483 | 5.00 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 131046 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 238183 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.29 | 240 | 176856 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.53 | 264 | 147575 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.28 | 112 | 11615 | 0.91 | ng | | 0.02 |
| 5) Phenol-d6 | 6.87 | 99 | 14340 | 0.92 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.85 | 82 | 10479 | 0.87 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 3022 | 0.87 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.95 | 172 | 36241 | 0.90 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 29909 | 1.02 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 4796 | 0.93 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 4906 | 0.86 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.10 | 93 | 12175 | 0.88 | ng | | 100 |
| 9) Nitrobenzene | 8.89 | 77 | 11897 | 0.87 | ng | | 99 |
| 10) Naphthalene | 10.51 | 128 | 47338 | 0.92 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.80 | 225 | 7420 | 0.93 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 31711 | 0.92 | ng | | 96 |
| 16) Acenaphthylene | 14.04 | 152 | 53766 | 0.90 | ng | | 100 |
| 17) Acenaphthene | 14.39 | 154 | 33231 | 0.91 | ng | | 98 |
| 18) Fluorene | 15.39 | 166 | 39125 | 0.88 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 12368 | 1.22 | ng | | 95 |
| 21) Hexachlorobenzene | 16.40 | 284 | 11776 | 1.20 | ng | # | 97 |
| 22) Pentachlorophenol | 16.76 | 266 | 1455 | 0.65 | ng | | 97 |
| 23) Phenanthrene | 17.11 | 178 | 72953 | 1.12 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 50894 | 0.91 | ng | | 99 |
| 25) Fluoranthene | 19.14 | 202 | 62042 | 0.89 | ng | | 100 |
| 27) Benzidine | 19.35 | 184 | 16267 | 1.37 | ng | | 99 |
| 28) Pyrene | 19.52 | 202 | 64020 | 1.06 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 48691m | 0.91 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.21 | 252 | 16075 | 1.09 | ng | # | 88 |
| 32) Chrysene | 21.31 | 228 | 47521m | 0.87 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 38306 | 1.14 | ng | # | 98 |
| 34) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 43699 | 1.17 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.85 | 252 | 41493 | 0.86 | ng | | 97 |
| 37) Benzo(k)fluoranthene | 22.89 | 252 | 40815 | 0.92 | ng | | 98 |
| 38) Benzo(a)pyrene | 23.42 | 252 | 38927 | 0.94 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 25.79 | 278 | 35171 | 1.09 | ng | | 96 |
| 40) Benzo(g,h,i)perylene | 26.47 | 276 | 37778 | 1.11 | ng | | 96 |

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

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