Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002911.D
Acq On : 15 Oct 2015 12:49
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICCC001

**Manual Integrations APPROVED**
MMdadoda
10/16/2015 3:58:31 PM

Quant Time: Oct 15 13:28:09 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 12:17:10 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.66 | 152 | 91965 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.50 | 136 | 377726 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.23 | 164 | 201654 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.95 | 188 | 465031 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 22.04 | 240 | 417648 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 24.61 | 264 | 362842 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 6.15 | 112 | 16832m | 0.86 | ng | | -0.02 |
| 5) Phenol-d6 | 7.79 | 99 | 22209 | 0.91 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.86 | 82 | 18018 | 0.95 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.72 | 330 | 6250 | 0.94 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.88 | 172 | 63302 | 1.04 | ng | | -0.01 |
| 29) Terphenyl-d14 | 20.48 | 244 | 61711 | 1.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.77 | 88 | 8156 | 0.89 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 4.17 | 42 | 6706 | 0.94 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 8.04 | 93 | 21317 | 0.89 | ng | | 98 |
| 9) Nitrobenzene | 9.90 | 77 | 19171 | 0.95 | ng | | 99 |
| 10) Naphthalene | 11.56 | 128 | 81913 | 0.98 | ng | | 99 |
| 11) Hexachlorobutadiene | 11.81 | 225 | 13222 | 1.00 | ng | | 100 |
| 12) 2-Methylnaphthalene | 13.13 | 142 | 55410 | 0.99 | ng | | 97 |
| 16) Acenaphthylene | 14.96 | 152 | 86404 | 1.01 | ng | | 100 |
| 17) Acenaphthene | 15.30 | 154 | 57702 | 1.04 | ng | # | 100 |
| 18) Fluorene | 16.27 | 166 | 70840 | 1.05 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 17.13 | 248 | 18738 | 0.85 | ng | # | 52 |
| 21) Hexachlorobenzene | 17.26 | 284 | 22582 | 0.83 | ng | # | 82 |
| 22) Pentachlorophenol | 17.62 | 266 | 1665 | 0.65 | ng | | 91 |
| 23) Phenanthrene | 17.98 | 178 | 107081 | 0.79 | ng | | 99 |
| 24) Anthracene | 18.08 | 178 | 103293 | 0.90 | ng | | 98 |
| 25) Fluoranthene | 19.97 | 202 | 116282 | 0.77 | ng | | 100 |
| 27) Benzidine | 20.12 | 184 | 45442 | 0.79 | ng | | 99 |
| 28) Pyrene | 20.31 | 202 | 122007 | 1.08 | ng | | 100 |
| 30) Benzo(a)anthracene | 22.02 | 228 | 124336 | 1.04 | ng | | 93 |
| 31) 3,3'-Dichlorobenzidine | 21.93 | 252 | 38834 | 0.84 | ng | # | 88 |
| 32) Chrysene | 22.08 | 228 | 103420 | 0.92 | ng | | 94 |
| 33) Bis(2-ethylhexyl)phthalate | 21.85 | 149 | 72768 | 1.00 | ng | # | 88 |
| 34) Indeno(1,2,3-cd)pyrene | 27.32 | 276 | 107081 | 0.80 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 23.81 | 252 | 104719 | 1.01 | ng | | 99 |
| 37) Benzo(k)fluoranthene | 23.86 | 252 | 98971 | 0.99 | ng | | 98 |
| 38) Benzo(a)pyrene | 24.49 | 252 | 90181 | 0.94 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 27.31 | 278 | 84945 | 0.91 | ng | | 99 |
| 40) Benzo(g,h,i)perylene | 28.16 | 276 | 88282 | 0.92 | ng | | 99 |

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

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