Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001411.D
Acq On : 23 May 2015 09:23
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 25 08:28:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 04:45:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 16829 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.16 | 136 | 61810 | 5.00 | ng | | -0.02 |
| 12) Acenaphthene-d10 | 14.08 | 164 | 35974 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.82 | 188 | 124671 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.04 | 240 | 66250 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.14 | 264 | 56067 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 4.99 | 112 | 3419 | 1.03 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 4056 | 1.05 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.55 | 82 | 3577 | 1.00 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.59 | 330 | 803 | 0.72 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.69 | 172 | 11416 | 1.03 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.48 | 244 | 9581 | 1.07 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.86 | 88 | 1792 | 1.22 | ng | # | 77 |
| 3) n-Nitrosodimethylamine | 3.18 | 42 | 2211 | 1.03 | ng | | 96 |
| 8) Nitrobenzene | 8.60 | 77 | 3992 | 1.06 | ng | | 98 |
| 9) Naphthalene | 10.22 | 128 | 13756 | 1.05 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.52 | 225 | 2790 | 1.04 | ng | | 100 |
| 11) 2-Methylnaphthalene | 11.85 | 142 | 9439 | 1.06 | ng | | 95 |
| 15) Acenaphthylene | 13.79 | 152 | 16185 | 1.06 | ng | | 99 |
| 16) Acenaphthene | 14.14 | 154 | 9772 | 1.03 | ng | | 99 |
| 17) Fluorene | 15.12 | 166 | 15509 | 0.83 | ng | | 92 |
| 19) 4-Bromophenyl-phenylether | 16.04 | 248 | 1630 | 1.03 | ng | # | 78 |
| 20) Hexachlorobenzene | 16.14 | 284 | 6094 | 1.25 | ng | # | 74 |
| 21) Pentachlorophenol | 16.48 | 266 | 779 | 1.16 | ng | # | 76 |
| 22) Phenanthrene | 16.85 | 178 | 29453 | 1.24 | ng | | 97 |
| 23) Anthracene | 16.95 | 178 | 19060 | 0.86 | ng | | 98 |
| 24) Fluoranthene | 18.90 | 202 | 21086 | 0.92 | ng | | 100 |
| 26) Pyrene | 19.26 | 202 | 22271 | 1.11 | ng | | 100 |
| 28) Benzo(a)anthracene | 21.02 | 228 | 20021 | 1.02 | ng | | 95 |
| 29) Chrysene | 21.07 | 228 | 17282 | 0.99 | ng | | 95 |
| 30) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 9358 | 0.89 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 16561 | 0.86 | ng | | 100 |
| 33) Benzo(b)fluoranthene | 22.51 | 252 | 17876 | 1.05 | ng | | 98 |
| 34) Benzo(k)fluoranthene | 22.55 | 252 | 16371 | 1.03 | ng | | 98 |
| 35) Benzo(a)pyrene | 23.04 | 252 | 15152 | 1.01 | ng | | 99 |
| 36) Dibenzo(a,h)anthracene | 25.20 | 278 | 12607 | 0.93 | ng | | 99 |
| 37) Benzo(g,h,i)perylene | 25.82 | 276 | 14001 | 0.97 | ng | | 98 |

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

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