Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
Data File : BN006759.D
Acq On : 08 Jul 2019 15:39
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC0.4EC

Quant Time: Jul 09 03:10:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 2353 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.38 | 136 | 9311 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.24 | 164 | 5465 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.01 | 188 | 12298 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.25 | 240 | 12060 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.48 | 264 | 13689 | 0.40 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.24 | 112 | 1994 | 0.31 | ng | | 0.00 |
| 5) Phenol-d6 | 6.83 | 99 | 2760 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.79 | 82 | 2421 | 0.34 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.99 | 152 | 6032 | 0.43 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.78 | 330 | 966 | 0.36 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.87 | 172 | 8608 | 0.40 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.06 | 212 | 15695 | 0.45 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.67 | 244 | 11522 | 0.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 1737 | 0.472 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 984 | 0.355 | ng | # | 77 |
| 6) bis(2-Chloroethyl)ether | 7.06 | 93 | 2756 | 0.403 | ng | # | 84 |
| 9) Naphthalene | 10.43 | 128 | 10886 | 0.427 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.69 | 225 | 2382 | 0.462 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.06 | 142 | 6997 | 0.389 | ng | | 97 |
| 16) Acenaphthylene | 13.96 | 152 | 10668 | 0.392 | ng | | 99 |
| 17) Acenaphthene | 14.31 | 154 | 7470 | 0.430 | ng | | 98 |
| 18) Fluorene | 15.31 | 166 | 9000 | 0.417 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.21 | 248 | 2872 | 0.396 | ng | | 96 |
| 21) Hexachlorobenzene | 16.32 | 284 | 3986 | 0.462 | ng | | 99 |
| 22) Pentachlorophenol | 16.73 | 266 | 428 | 0.472 | ng | | 98 |
| 23) Phenanthrene | 17.06 | 178 | 14633 | 0.413 | ng | | 100 |
| 24) Anthracene | 17.15 | 178 | 12052 | 0.376 | ng | | 100 |
| 26) Fluoranthene | 19.09 | 202 | 18088 | 0.435 | ng | | 100 |
| 28) Pyrene | 19.46 | 202 | 18696 | 0.387 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 15759 | 0.379 | ng | | 99 |
| 31) Chrysene | 21.28 | 228 | 18139 | 0.423 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 6676 | 0.054 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 22894 | 0.447 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 17796 | 0.405 | ng | # | 96 |
| 36) Benzo(k)fluoranthene | 22.85 | 252 | 21106 | 0.443 | ng | # | 96 |
| 37) Benzo(a)pyrene | 23.38 | 252 | 17849 | 0.419 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 25.71 | 278 | 17917 | 0.424 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.39 | 276 | 19327 | 0.444 | ng | | 95 |

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

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