Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\
Data File : BN009018.D
Acq On : 17 Dec 2019 18:54
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 18 12:41:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 3573 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.30 | 136 | 16518 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.18 | 164 | 12184 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.92 | 188 | 28176 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.12 | 240 | 25331 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.27 | 264 | 23065 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.19 | 112 | 5638 | 0.62 | ng | | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 6675 | 0.53 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.68 | 82 | 5604 | 0.40 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.89 | 152 | 12178 | 0.43 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.67 | 330 | 2219 | 0.38 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.79 | 172 | 18434 | 0.40 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 18.96 | 212 | 33939 | 0.40 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.57 | 244 | 26423 | 0.46 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 1273 | 0.380 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.51 | 42 | 1792 | 0.387 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 6.99 | 93 | 4948 | 0.418 | ng | | 99 |
| 9) Naphthalene | 10.35 | 128 | 19058 | 0.423 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.65 | 225 | 3657 | 0.424 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.97 | 142 | 14752 | 0.439 | ng | | 99 |
| 16) Acenaphthylene | 13.89 | 152 | 24935 | 0.447 | ng | | 99 |
| 17) Acenaphthene | 14.23 | 154 | 15787 | 0.427 | ng | | 99 |
| 18) Fluorene | 15.22 | 166 | 20875 | 0.419 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.12 | 248 | 6802 | 0.404 | ng | | 95 |
| 21) Hexachlorobenzene | 16.24 | 284 | 7931 | 0.413 | ng | | 97 |
| 22) Pentachlorophenol | 16.59 | 266 | 1760 | 0.254 | ng | | 98 |
| 23) Phenanthrene | 16.96 | 178 | 35867 | 0.404 | ng | | 100 |
| 24) Anthracene | 17.06 | 178 | 32419 | 0.415 | ng | | 100 |
| 26) Fluoranthene | 18.99 | 202 | 42272 | 0.401 | ng | | 100 |
| 28) Pyrene | 19.35 | 202 | 43057 | 0.485 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.11 | 228 | 39659 | 0.442 | ng | | 99 |
| 31) Chrysene | 21.17 | 228 | 39407 | 0.423 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 24875 | 0.591 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.38 | 276 | 35052 | 0.356 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.64 | 252 | 35306 | 0.428 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.68 | 252 | 35734 | 0.430 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.18 | 252 | 31490 | 0.425 | ng | | 100 |
| 38) Dibenzo(a,h)anthracene | 25.39 | 278 | 28360 | 0.408 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.02 | 276 | 28691 | 0.418 | ng | | 99 |

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

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