Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007410.D
Acq On : 26 Aug 2019 15:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 26 16:00:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 4146 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 17268 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 9939 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 24396 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.02 | 240 | 25010 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.13 | 264 | 28167 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.03 | 112 | 5005 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 5968 | 0.32 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 5528 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 11045 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 2167 | 0.42 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 14627 | 0.36 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.84 | 212 | 30049 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.46 | 244 | 25402 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.00 | 88 | 2821 | 0.410 | ng | # | 73 |
| 3) n-Nitrosodimethylamine | 3.32 | 42 | 1115 | 0.348 | ng | | 92 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 5672 | 0.379 | ng | | 96 |
| 9) Naphthalene | 10.20 | 128 | 18872 | 0.382 | ng | # | 90 |
| 10) Hexachlorobutadiene | 10.51 | 225 | 3740 | 0.370 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.83 | 142 | 12857 | 0.383 | ng | | 96 |
| 16) Acenaphthylene | 13.76 | 152 | 20570 | 0.350 | ng | | 99 |
| 17) Acenaphthene | 14.10 | 154 | 12793 | 0.372 | ng | | 99 |
| 18) Fluorene | 15.10 | 166 | 17017 | 0.391 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 3337 | 0.347 | ng | | 94 |
| 21) Hexachlorobenzene | 16.11 | 284 | 6340 | 0.388 | ng | | 96 |
| 22) Pentachlorophenol | 16.46 | 266 | 1950 | 0.384 | ng | # | 63 |
| 23) Phenanthrene | 16.84 | 178 | 28508 | 0.388 | ng | | 99 |
| 24) Anthracene | 16.93 | 178 | 26526 | 0.359 | ng | | 99 |
| 26) Fluoranthene | 18.87 | 202 | 36828 | 0.391 | ng | | 100 |
| 28) Pyrene | 19.24 | 202 | 38286 | 0.381 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 37010 | 0.377 | ng | | 100 |
| 31) Chrysene | 21.06 | 228 | 38380 | 0.405 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 23001 | 0.343 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 48042 | 0.421 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.51 | 252 | 38615 | 0.378 | ng | # | 96 |
| 36) Benzo(k)fluoranthene | 22.55 | 252 | 41426 | 0.411 | ng | # | 94 |
| 37) Benzo(a)pyrene | 23.04 | 252 | 37686 | 0.388 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 25.21 | 278 | 38792 | 0.400 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 25.82 | 276 | 39810 | 0.412 | ng | | 97 |

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

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