Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000196.D
Acq On : 27 Feb 2018 18:13
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 27 18:43:25 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.46 | 152 | 4729 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.29 | 136 | 18346 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.07 | 164 | 9026 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.78 | 188 | 20873 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.90 | 240 | 18622 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.37 | 264 | 15781 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.93 | 112 | 3868 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.58 | 99 | 4897 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.63 | 82 | 4049 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.85 | 152 | 10990 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.53 | 330 | 1087 | 0.38 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.69 | 172 | 17429 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.77 | 212 | 21343 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.33 | 244 | 13464 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.65 | 88 | 1987 | 0.406 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 4.03 | 42 | 1147 | 0.361 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.85 | 93 | 6583 | 0.408 | ng | | 99 |
| 9) Naphthalene | 11.34 | 128 | 21256 | 0.396 | ng | | 96 |
| 10) Hexachlorobutadiene | 11.62 | 225 | 3639 | 0.400 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.92 | 142 | 13880 | 0.395 | ng | | 99 |
| 16) Acenaphthylene | 14.78 | 152 | 15435 | 0.363 | ng | | 99 |
| 17) Acenaphthene | 15.13 | 154 | 13335 | 0.398 | ng | | 97 |
| 18) Fluorene | 16.10 | 166 | 16484 | 0.394 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 16.97 | 248 | 4643 | 0.386 | ng | # | 85 |
| 21) Hexachlorobenzene | 17.09 | 284 | 6325 | 0.393 | ng | | 96 |
| 22) Pentachlorophenol | 17.43 | 266 | 1260 | 0.346 | ng | | 96 |
| 23) Phenanthrene | 17.82 | 178 | 28980 | 0.395 | ng | | 99 |
| 24) Anthracene | 17.91 | 178 | 20457 | 0.367 | ng | | 96 |
| 26) Fluoranthene | 19.80 | 202 | 28825 | 0.378 | ng | # | 96 |
| 28) Pyrene | 20.15 | 202 | 29293 | 0.401 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.87 | 228 | 21928 | 0.374 | ng | | 97 |
| 31) Chrysene | 21.93 | 228 | 27666 | 0.404 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 7992 | 0.366 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 26.92 | 276 | 27280 | 0.426 | ng | # | 89 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 28608 | 0.397 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 28306 | 0.402 | ng | # | 88 |
| 37) Benzo(a)pyrene | 24.26 | 252 | 23115 | 0.394 | ng | # | 89 |
| 38) Dibenzo(a,h)anthracene | 26.93 | 278 | 21185 | 0.405 | ng | # | 91 |
| 39) Benzo(g,h,i)perylene | 27.70 | 276 | 24624 | 0.399 | ng | # | 85 |

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

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