Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003327.D
Acq On : 27 Oct 2018 04:21
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 27 05:50:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 13921 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.66 | 136 | 58909 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 35510 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 88073 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.42 | 240 | 113371 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.73 | 264 | 114327 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 13681 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 7.01 | 99 | 17232 | 0.40 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 12416 | 0.48 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 35528 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 5337 | 0.38 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 53656 | 0.35 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 99086 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 89317 | 0.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 6278 | 0.348 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.68 | 42 | 3133 | 0.378 | ng | # | 87 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 14968 | 0.385 | ng | | 99 |
| 9) Naphthalene | 10.71 | 128 | 53457 | 0.371 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 9754 | 0.371 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.32 | 142 | 37179 | 0.369 | ng | | 98 |
| 16) Acenaphthylene | 14.21 | 152 | 55146 | 0.348 | ng | | 100 |
| 17) Acenaphthene | 14.56 | 154 | 39427 | 0.359 | ng | | 99 |
| 18) Fluorene | 15.54 | 166 | 48569 | 0.354 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.43 | 248 | 17998 | 0.353 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.54 | 284 | 18914 | 0.352 | ng | | 99 |
| 22) Pentachlorophenol | 16.88 | 266 | 6583 | 0.452 | ng | | 99 |
| 23) Phenanthrene | 17.28 | 178 | 85277 | 0.353 | ng | | 100 |
| 24) Anthracene | 17.37 | 178 | 74478 | 0.359 | ng | | 100 |
| 26) Fluoranthene | 19.29 | 202 | 105370 | 0.380 | ng | | 100 |
| 28) Pyrene | 19.66 | 202 | 111625 | 0.356 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 116401 | 0.392 | ng | | 98 |
| 31) Chrysene | 21.45 | 228 | 113665 | 0.355 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 50892 | 0.579 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 26.10 | 276 | 123700 | 0.373 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.03 | 252 | 119502 | 0.339 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.08 | 252 | 118141 | 0.334 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.63 | 252 | 112170 | 0.346 | ng | | 95 |
| 38) Dibenzo(a,h)anthracene | 26.11 | 278 | 102590 | 0.339 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 26.82 | 276 | 101550 | 0.336 | ng | | 100 |

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

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