Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
Data File : BE095688.D
Acq On : 26 Feb 2018 14:42
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

Quant Time: Feb 26 17:49:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.42 | 152 | 1324 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.26 | 136 | 5396 | 0.40 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 15.00 | 164 | 3200 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.71 | 188 | 7427 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.79 | 240 | 8042 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.42 | 264 | 7373 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.92 | 112 | 1469 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 7.56 | 99 | 2031 | 0.42 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.61 | 82 | 2122 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 3630 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.47 | 330 | 419 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.64 | 172 | 5494 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.69 | 212 | 37341 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.25 | 244 | 6260 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.64 | 88 | 832 | 0.399 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.99 | 42 | 1110 | 0.429 | ng | | 80 |
| 6) bis(2-Chloroethyl)ether | 7.82 | 93 | 2131 | 0.429 | ng | | 95 |
| 9) Naphthalene | 11.31 | 128 | 24916 | 0.401 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.57 | 225 | 1503 | 0.414 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.88 | 142 | 4280 | 0.399 | ng | | 98 |
| 16) Acenaphthylene | 14.74 | 152 | 6956 | 0.387 | ng | | 100 |
| 17) Acenaphthene | 15.06 | 154 | 4305 | 0.381 | ng | | 94 |
| 18) Fluorene | 16.02 | 166 | 5453 | 0.390 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 16.89 | 248 | 1719 | 0.369 | ng | # | 77 |
| 21) Hexachlorobenzene | 17.03 | 284 | 1768 | 0.366 | ng | # | 81 |
| 22) Pentachlorophenol | 17.36 | 266 | 403 | 0.406 | ng | # | 77 |
| 23) Phenanthrene | 17.74 | 178 | 8820 | 0.380 | ng | | 99 |
| 24) Anthracene | 17.83 | 178 | 7947 | 0.373 | ng | | 95 |
| 26) Fluoranthene | 19.72 | 202 | 11098 | 0.389 | ng | # | 97 |
| 28) Pyrene | 20.06 | 202 | 10833 | 0.329 | ng | # | 90 |
| 30) Benzo(a)anthracene | 21.78 | 228 | 10229 | 0.390 | ng | | 97 |
| 31) Chrysene | 21.84 | 228 | 10017 | 0.384 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 18681 | 0.403 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.23 | 276 | 9886 | 0.391 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 9775 | 0.372 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 9839 | 0.377 | ng | | 96 |
| 37) Benzo(a)pyrene | 24.30 | 252 | 9212 | 0.389 | ng | | 93 |
| 38) Dibenzo(a,h)anthracene | 27.25 | 278 | 7977 | 0.379 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 28.10 | 276 | 8472 | 0.375 | ng | # | 92 |

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

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