Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030321.D
Acq On : 07 Mar 2024 10:02
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Mar 07 11:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 1896 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.594 | 136 | 4970 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.457 | 164 | 2502 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.218 | 188 | 4977 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.438 | 240 | 3923 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.797 | 264 | 4345 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 1879 | 0.378 | ng | | 0.00 |
| 5) Phenol-d6 | 6.973 | 99 | 1999 | 0.382 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.971 | 82 | 1663 | 0.367 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.200 | 152 | 3096 | 0.429 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 457 | 0.355 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.078 | 172 | 4432 | 0.426 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.262 | 212 | 5362 | 0.393 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.875 | 244 | 4058 | 0.399 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.312 | 88 | 883 | 0.359 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.651 | 42 | 848 | 0.327 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.248 | 93 | 1574 | 0.379 | ng | | 99 |
| 9) Naphthalene | 10.648 | 128 | 5750 | 0.414 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.925 | 225 | 1400 | 0.442 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.276 | 142 | 3567 | 0.417 | ng | | 95 |
| 16) Acenaphthylene | 14.180 | 152 | 4925 | 0.408 | ng | | 99 |
| 17) Acenaphthene | 14.522 | 154 | 3260 | 0.418 | ng | | 100 |
| 18) Fluorene | 15.505 | 166 | 3861 | 0.412 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.617 | 198 | 318 | 0.308 | ng | | 93 |
| 21) 4-Bromophenyl-phenylether | 16.411 | 248 | 1226 | 0.403 | ng | | 94 |
| 22) Hexachlorobenzene | 16.511 | 284 | 1515 | 0.431 | ng | | 98 |
| 23) Atrazine | 16.697 | 200 | 1010 | 0.375 | ng | | 97 |
| 24) Pentachlorophenol | 16.871 | 266 | 623 | 0.340 | ng | | 98 |
| 25) Phenanthrene | 17.255 | 178 | 5815 | 0.409 | ng | | 99 |
| 26) Anthracene | 17.355 | 178 | 5209 | 0.398 | ng | | 99 |
| 28) Fluoranthene | 19.294 | 202 | 6746 | 0.389 | ng | | 100 |
| 30) Pyrene | 19.656 | 202 | 6986 | 0.424 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.420 | 228 | 5550 | 0.403 | ng | | 98 |
| 33) Chrysene | 21.474 | 228 | 6150 | 0.413 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.366 | 149 | 3932 | 0.359 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.218 | 276 | 7307 | 0.401 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 23.081 | 252 | 6126 | 0.404 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.130 | 252 | 6345 | 0.411 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.695 | 252 | 5414 | 0.404 | ng | | 95 |
| 40) Dibenzo(a,h)anthracene | 26.259 | 278 | 5635 | 0.394 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.958 | 276 | 6909 | 0.419 | ng | | 99 |

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

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