Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027779.D
Acq On : 21 Sep 2023 00:42
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 21 04:42:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 20 13:45:42 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.008 | 152 | 4347 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.831 | 136 | 14447 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.640 | 164 | 8304 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.393 | 188 | 19261 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.569 | 240 | 19300 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.069 | 264 | 19045 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.538 | 112 | 4789 | 0.436 | ng | | 0.00 |
| 5) Phenol-d6 | 7.156 | 99 | 6293 | 0.458 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.198 | 82 | 4351 | 0.380 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.407 | 152 | 8197 | 0.389 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.139 | 330 | 1415 | 0.401 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.272 | 172 | 11904 | 0.424 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.416 | 212 | 21456 | 0.429 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.006 | 244 | 15302 | 0.411 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.429 | 88 | 1646 | 0.309 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.776 | 42 | 2154 | 0.351 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.445 | 93 | 5297 | 0.394 | ng | | 98 |
| 9) Naphthalene | 10.885 | 128 | 15936 | 0.398 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.109 | 225 | 2842 | 0.408 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.479 | 142 | 10550 | 0.379 | ng | | 98 |
| 16) Acenaphthylene | 14.373 | 152 | 14791 | 0.417 | ng | | 99 |
| 17) Acenaphthene | 14.705 | 154 | 10089 | 0.401 | ng | | 98 |
| 18) Fluorene | 15.680 | 166 | 13321 | 0.365 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 16.847 | 198 | 104 | 0.364 | ng | # | 74 |
| 21) 4-Bromophenyl-phenylether | 16.574 | 248 | 3963 | 0.403 | ng | # | 86 |
| 22) Hexachlorobenzene | 16.661 | 284 | 4672 | 0.417 | ng | | 99 |
| 23) Atrazine | 16.847 | 200 | 3176 | 0.438 | ng | # | 94 |
| 24) Pentachlorophenol | 17.033 | 266 | 1989 | 0.531 | ng | | 98 |
| 25) Phenanthrene | 17.430 | 178 | 22133 | 0.393 | ng | | 100 |
| 26) Anthracene | 17.530 | 178 | 20678 | 0.429 | ng | | 99 |
| 28) Fluoranthene | 19.449 | 202 | 28853 | 0.417 | ng | | 100 |
| 30) Pyrene | 19.816 | 202 | 30713 | 0.443 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.551 | 228 | 30054 | 0.449 | ng | | 97 |
| 33) Chrysene | 21.614 | 228 | 29084 | 0.394 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.426 | 149 | 21709 | 0.732 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.682 | 276 | 27258 | 0.336 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 23.291 | 252 | 26691 | 0.354 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.344 | 252 | 27369 | 0.358 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.955 | 252 | 25588 | 0.374 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.709 | 278 | 22021 | 0.333 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.504 | 276 | 22931 | 0.313 | ng | | 98 |

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

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