Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
Data File : BN028267.D
Acq On : 12 Oct 2023 18:58
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: Oct 13 02:13:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:03:40 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.893 | 152 | 2513 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.703 | 136 | 8314 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.534 | 164 | 5215 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.294 | 188 | 11362 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.497 | 240 | 11964 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.958 | 264 | 14044 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.423 | 112 | 10281 | 1.317 | ng | | 0.00 |
| 5) Phenol-d6 | 7.048 | 99 | 12916 | 1.344 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.091 | 82 | 9803 | 1.329 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.294 | 152 | 17335 | 1.387 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.040 | 330 | 3289 | 1.293 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.165 | 172 | 25364 | 1.382 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.332 | 212 | 42051 | 1.384 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.922 | 244 | 34470 | 1.357 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 4115 | 1.355 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.653 | 42 | 4765 | 1.436 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.329 | 93 | 10574 | 1.427 | ng | | 97 |
| 9) Naphthalene | 10.757 | 128 | 29885 | 1.386 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.970 | 225 | 5092 | 1.376 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.370 | 142 | 21335 | 1.392 | ng | | 99 |
| 16) Acenaphthylene | 14.266 | 152 | 31940 | 1.363 | ng | | 100 |
| 17) Acenaphthene | 14.598 | 154 | 20601 | 1.395 | ng | | 100 |
| 18) Fluorene | 15.593 | 166 | 27207 | 1.400 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.717 | 198 | 1356 | 1.452 | ng | # | 58 |
| 21) 4-Bromophenyl-phenylether | 16.487 | 248 | 8242 | 1.409 | ng | | 96 |
| 22) Hexachlorobenzene | 16.574 | 284 | 8373 | 1.389 | ng | | 99 |
| 23) Atrazine | 16.760 | 200 | 7390 | 1.347 | ng | | 98 |
| 24) Pentachlorophenol | 16.946 | 266 | 3643 | 1.324 | ng | | 95 |
| 25) Phenanthrene | 17.343 | 178 | 43073 | 1.385 | ng | | 100 |
| 26) Anthracene | 17.430 | 178 | 40793 | 1.373 | ng | | 100 |
| 28) Fluoranthene | 19.365 | 202 | 52570 | 1.345 | ng | | 99 |
| 30) Pyrene | 19.732 | 202 | 55067 | 1.345 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.480 | 228 | 56441 | 1.328 | ng | | 98 |
| 33) Chrysene | 21.533 | 228 | 56171 | 1.381 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.354 | 149 | 42361 | 1.305 | ng | # | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.530 | 276 | 76866 | 1.358 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.194 | 252 | 59222 | 1.349 | ng | # | 91 |
| 38) Benzo(k)fluoranthene | 23.244 | 252 | 60966 | 1.365 | ng | # | 91 |
| 39) Benzo(a)pyrene | 23.846 | 252 | 59661 | 1.366 | ng | # | 90 |
| 40) Dibenzo(a,h)anthracene | 26.545 | 278 | 63193 | 1.375 | ng | | 92 |
| 41) Benzo(g,h,i)perylene | 27.337 | 276 | 64810 | 1.366 | ng | | 95 |

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

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