Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
Data File : BN025752.D
Acq On : 06 Jun 2023 13:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 07 05:27:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.012 | 152 | 8194 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.824 | 136 | 23555 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.640 | 164 | 13941 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.381 | 188 | 30132 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.569 | 240 | 21633 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 24.060 | 264 | 19380 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.549 | 112 | 8713 | 0.378 | ng | 0.00 |
| 5) Phenol-d6 | 7.160 | 99 | 10660 | 0.377 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.180 | 82 | 8078 | 0.369 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.408 | 152 | 14759 | 0.435 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.139 | 330 | 1300 | 0.302 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.272 | 172 | 24434 | 0.415 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.411 | 212 | 29922 | 0.483 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.001 | 244 | 19733 | 0.376 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.390 | 88 | 3752 | 0.390 | ng | # 94 |
| 3) n-Nitrosodimethylamine | 3.736 | 42 | 3532 | 0.288 | ng | # 96 |
| 6) bis(2-Chloroethyl)ether | 7.427 | 93 | 10629 | 0.414 | ng | 98 |
| 9) Naphthalene | 10.878 | 128 | 27811 | 0.395 | ng | 99 |
| 10) Hexachlorobutadiene | 11.155 | 225 | 5245 | 0.484 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.483 | 142 | 19349 | 0.432 | ng | 99 |
| 16) Acenaphthylene | 14.363 | 152 | 26726 | 0.398 | ng | 100 |
| 17) Acenaphthene | 14.705 | 154 | 18521 | 0.421 | ng | 98 |
| 18) Fluorene | 15.680 | 166 | 24646 | 0.435 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.780 | 198 | 1393 | 0.256 | ng | 92 |
| 21) 4-Bromophenyl-phenylether | 16.574 | 248 | 7478 | 0.429 | ng | 97 |
| 22) Hexachlorobenzene | 16.698 | 284 | 7268 | 0.486 | ng | 90 |
| 23) Atrazine | 16.835 | 200 | 5453 | 0.383 | ng | 97 |
| 24) Pentachlorophenol | 17.058 | 266 | 1601 | 0.288 | ng | 98 |
| 25) Phenanthrene | 17.430 | 178 | 39950 | 0.432 | ng | 99 |
| 26) Anthracene | 17.517 | 178 | 34896 | 0.412 | ng | 100 |
| 28) Fluoranthene | 19.444 | 202 | 44266 | 0.485 | ng | 99 |
| 30) Pyrene | 19.806 | 202 | 45111 | 0.368 | ng | 100 |
| 32) Benzo(a)anthracene | 21.551 | 228 | 33590 | 0.402 | ng | 100 |
| 33) Chrysene | 21.605 | 228 | 38591 | 0.436 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149 | 20680 | 0.416 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.665 | 276 | 31804 | 0.379 | ng | 97 |
| 37) Benzo(b)fluoranthene | 23.297 | 252 | 33243 | 0.435 | ng | 97 |
| 38) Benzo(k)fluoranthene | 23.347 | 252 | 33407 | 0.428 | ng | 95 |
| 39) Benzo(a)pyrene | 23.952 | 252 | 30893 | 0.427 | ng | 93 |
| 40) Dibenzo(a,h)anthracene | 26.685 | 278 | 24897 | 0.370 | ng | 95 |
| 41) Benzo(g,h,i)perylene | 27.463 | 276 | 28694 | 0.382 | ng | 96 |

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

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