Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
Data File : BN028397.D
Acq On : 26 Oct 2023 14:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 26 14:47:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel
10/27/2023
Supervised By :mohammad ahmed
10/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.871 | 152 | 4020 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.682 | 136 | 14297 | 0.400 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.523 | 164 | 7758 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.281 | 188 | 13831 | 0.400 | ng | # | -0.01 |
| 29) Chrysene-d12 | 21.488 | 240 | 10195 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.931 | 264 | 11020 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.415 | 112 | 4211 | 0.337 | ng | | -0.01 |
| 5) Phenol-d6 | 7.048 | 99 | 5564 | 0.362 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.080 | 82 | 4727 | 0.373 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.275 | 152 | 8567 | 0.399 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.040 | 330 | 1047 | 0.277 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 13.144 | 172 | 11580 | 0.424 | ng | | -0.02 |
| 27) Fluoranthene-d10 | 19.319 | 212 | 12739 | 0.344 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.909 | 244 | 9662 | 0.446 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.292 | 88 | 1673 | 0.344 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.653 | 42 | 2094 | 0.395 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.315 | 93 | 4774 | 0.403 | ng | | 98 |
| 9) Naphthalene | 10.735 | 128 | 14975 | 0.404 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.949 | 225 | 2468 | 0.388 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.351 | 142 | 10378 | 0.394 | ng | | 99 |
| 16) Acenaphthylene | 14.256 | 152 | 14050 | 0.403 | ng | | 99 |
| 17) Acenaphthene | 14.587 | 154 | 8958 | 0.408 | ng | | 99 |
| 18) Fluorene | 15.568 | 166 | 10841 | 0.375 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.854 | 198 | 6 | 0.186 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.462 | 248 | 3172 | 0.445 | ng | # | 73 |
| 22) Hexachlorobenzene | 16.549 | 284 | 3079 | 0.420 | ng | | 99 |
| 23) Atrazine | 16.748 | 200 | 2676 | 0.401 | ng | | 99 |
| 24) Pentachlorophenol | 16.934 | 266 | 1080m | 0.323 | ng | | |
| 25) Phenanthrene | 17.331 | 178 | 15472 | 0.409 | ng | | 100 |
| 26) Anthracene | 17.418 | 178 | 14268 | 0.395 | ng | | 99 |
| 28) Fluoranthene | 19.351 | 202 | 16533 | 0.348 | ng | | 99 |
| 30) Pyrene | 19.718 | 202 | 16765 | 0.481 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.471 | 228 | 14852 | 0.410 | ng | | 99 |
| 33) Chrysene | 21.524 | 228 | 14400 | 0.415 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.336 | 149 | 12406 | 0.448 | ng | # | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 26.498 | 276 | 17033 | 0.383 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.174 | 252 | 14204 | 0.412 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.224 | 252 | 14654 | 0.418 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.823 | 252 | 13741 | 0.401 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.510 | 278 | 13851 | 0.384 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.299 | 276 | 14566 | 0.391 | ng | | 97 |

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

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