Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042825\
Data File : BN036925.D
Acq On : 28 Apr 2025 12:47
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICCC0.4

Quant Time: Apr 28 15:12:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:11:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.633 | 152 | 2374 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.415 | 136 | 5831 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.277 | 164 | 3051 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.021 | 188 | 5711 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.216 | 240 | 4119 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.427 | 264 | 3630 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.221 | 112 | 2654 | 0.433 | ng | | 0.00 |
| 5) Phenol-d6 | 6.802 | 99 | 3175 | 0.425 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.781 | 82 | 2394 | 0.395 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.006 | 152 | 3153 | 0.390 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.767 | 330 | 540 | 0.404 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.899 | 172 | 6270 | 0.425 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.059 | 212 | 5661 | 0.387 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.667 | 244 | 3895 | 0.397 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.155 | 88 | 1309 | 0.437 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.466 | 42 | 2398 | 0.414 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.062 | 93 | 2778 | 0.401 | ng | | 100 |
| 9) Naphthalene | 10.458 | 128 | 6735 | 0.397 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.757 | 225 | 1476 | 0.399 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.082 | 142 | 4195 | 0.386 | ng | | 100 |
| 16) Acenaphthylene | 13.999 | 152 | 5817 | 0.394 | ng | | 100 |
| 17) Acenaphthene | 14.342 | 154 | 3889 | 0.398 | ng | | 100 |
| 18) Fluorene | 15.325 | 166 | 4955 | 0.390 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198 | 516 | 0.361 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248 | 1494 | 0.393 | ng | | 100 |
| 22) Hexachlorobenzene | 16.338 | 284 | 1714 | 0.408 | ng | | 100 |
| 23) Atrazine | 16.500 | 200 | 1139 | 0.380 | ng | | 100 |
| 24) Pentachlorophenol | 16.686 | 266 | 824 | 0.378 | ng | | 100 |
| 25) Phenanthrene | 17.058 | 178 | 7417 | 0.395 | ng | | 100 |
| 26) Anthracene | 17.158 | 178 | 6553 | 0.390 | ng | | 100 |
| 28) Fluoranthene | 19.091 | 202 | 7988 | 0.384 | ng | | 100 |
| 30) Pyrene | 19.454 | 202 | 8067 | 0.403 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.207 | 228 | 5885 | 0.392 | ng | | 100 |
| 33) Chrysene | 21.251 | 228 | 6742 | 0.410 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149 | 3434 | 0.400 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.646 | 276 | 6214 | 0.418 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.766 | 252 | 5932 | 0.394 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.807 | 252 | 5983 | 0.393 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.331 | 252 | 4940 | 0.398 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.658 | 278 | 4897 | 0.419 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.316 | 276 | 5500 | 0.420 | ng | | 100 |

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

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