Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027994.D
Acq On : 02 Oct 2023 19:19
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN100223

Quant Time: Oct 03 01:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:18:04 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.951 | 152 | 4127 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.767 | 136 | 13457 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.587 | 164 | 7953 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.343 | 188 | 16501 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.533 | 240 | 13058 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.010 | 264 | 12924 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.481 | 112 | 4559 | 0.370 | ng | | 0.00 |
| 5) Phenol-d6 | 7.106 | 99 | 5659 | 0.364 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.144 | 82 | 4332 | 0.378 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.351 | 152 | 7890 | 0.396 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.090 | 330 | 1241 | 0.341 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.219 | 172 | 11358 | 0.396 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.379 | 212 | 16462 | 0.397 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.964 | 244 | 12376 | 0.406 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.364 | 88 | 2094 | 0.452 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.718 | 42 | 2086 | 0.393 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.387 | 93 | 5001 | 0.400 | ng | | 100 |
| 9) Naphthalene | 10.821 | 128 | 13820 | 0.397 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.045 | 225 | 2491 | 0.403 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.426 | 142 | 9669 | 0.398 | ng | | 99 |
| 16) Acenaphthylene | 14.320 | 152 | 13777 | 0.391 | ng | | 99 |
| 17) Acenaphthene | 14.651 | 154 | 8977 | 0.400 | ng | | 98 |
| 18) Fluorene | 15.643 | 166 | 11742 | 0.403 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.797 | 198 | 94 | 0.429 | ng | | 88 |
| 21) 4-Bromophenyl-phenylether | 16.524 | 248 | 3533 | 0.411 | ng | | 94 |
| 22) Hexachlorobenzene | 16.611 | 284 | 3864 | 0.428 | ng | | 99 |
| 23) Atrazine | 16.797 | 200 | 2944 | 0.392 | ng | | 97 |
| 24) Pentachlorophenol | 16.984 | 266 | 1314 | 0.309 | ng | | 94 |
| 25) Phenanthrene | 17.393 | 178 | 18381 | 0.413 | ng | | 100 |
| 26) Anthracene | 17.480 | 178 | 16800 | 0.400 | ng | | 99 |
| 28) Fluoranthene | 19.407 | 202 | 20352 | 0.396 | ng | | 100 |
| 30) Pyrene | 19.774 | 202 | 20818 | 0.435 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.515 | 228 | 17905 | 0.403 | ng | | 99 |
| 33) Chrysene | 21.578 | 228 | 17510 | 0.409 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.390 | 149 | 11116 | 0.380 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.612 | 276 | 19077 | 0.439 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.244 | 252 | 15794 | 0.378 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 23.294 | 252 | 16384 | 0.387 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.902 | 252 | 15398 | 0.390 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 26.636 | 278 | 15588 | 0.438 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.428 | 276 | 16305 | 0.447 | ng | | 99 |

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

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