Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023583.D
Acq On : 06 Jan 2023 22:24
Operator : CG/JU
Sample : PB150094BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB150094BSD

Quant Time: Jan 07 02:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 07 02:04:12 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.948 | 152 | 3957 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.765 | 136 | 12069 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.602 | 164 | 6791 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.340 | 188 | 15248 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.531 | 240 | 12796 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.958 | 264 | 10482 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.493 | 112 | 3809 | 0.435 | ng | | 0.00 |
| 5) Phenol-d6 | 7.110 | 99 | 4762 | 0.443 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.110 | 82 | 3972 | 0.421 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.355 | 152 | 7671 | 0.436 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.086 | 330 | 1178 | 0.354 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.223 | 172 | 12611 | 0.469 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.376 | 212 | 16371 | 0.439 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.974 | 244 | 14943 | 0.501 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 1753 | 0.460 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.680 | 42 | 1851 | 0.403 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.370 | 93 | 5224 | 0.501 | ng | | 99 |
| 9) Naphthalene | 10.808 | 128 | 14368 | 0.466 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.096 | 225 | 2917 | 0.469 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.427 | 142 | 10335 | 0.466 | ng | | 99 |
| 16) Acenaphthylene | 14.313 | 152 | 11272 | 0.399 | ng | | 99 |
| 17) Acenaphthene | 14.655 | 154 | 8867 | 0.467 | ng | | 98 |
| 18) Fluorene | 15.650 | 166 | 12229 | 0.462 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.726 | 198 | 644 | 0.477 | ng | | 96 |
| 21) 4-Bromophenyl-phenylether | 16.533 | 248 | 3777 | 0.422 | ng | | 91 |
| 22) Hexachlorobenzene | 16.657 | 284 | 4727 | 0.438 | ng | | 97 |
| 23) Atrazine | 16.806 | 200 | 2506 | 0.363 | ng | | 98 |
| 24) Pentachlorophenol | 16.992 | 266 | 1335 | 0.416 | ng | | 98 |
| 25) Phenanthrene | 17.389 | 178 | 19793 | 0.456 | ng | | 100 |
| 26) Anthracene | 17.476 | 178 | 14804 | 0.411 | ng | | 100 |
| 28) Fluoranthene | 19.410 | 202 | 21871 | 0.448 | ng | | 99 |
| 30) Pyrene | 19.772 | 202 | 22007 | 0.461 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.522 | 228 | 18436 | 0.432 | ng | | 100 |
| 33) Chrysene | 21.576 | 228 | 20905 | 0.477 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.441 | 149 | 8050 | 0.307 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.484 | 276 | 19593 | 0.501 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.218 | 252 | 19177 | 0.476 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.265 | 252 | 18186 | 0.459 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.850 | 252 | 13799 | 0.449 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.504 | 278 | 15726 | 0.527 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.256 | 276 | 16613 | 0.482 | ng | | 99 |

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

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