Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023834.D
Acq On : 27 Jan 2023 11:24
Operator : CG/JU
Sample : PB150423BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB150423BS

Quant Time: Jan 30 02:25:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 02:24:22 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.876 | 152 | 4963 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.680 | 136 | 13636 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.516 | 164 | 7741 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.265 | 188 | 17287 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.468 | 240 | 16514 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.879 | 264 | 13305 | 0.400 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 3951 | 0.382 | ng | | 0.00 |
| 5) Phenol-d6 | 7.038 | 99 | 4620 | 0.378 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.035 | 82 | 3888 | 0.375 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.272 | 152 | 6793 | 0.377 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.012 | 330 | 1235 | 0.364 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.148 | 172 | 10705 | 0.347 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.300 | 212 | 15146 | 0.375 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.899 | 244 | 11657 | 0.372 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.304 | 88 | 1910 | 0.365 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.637 | 42 | 2145 | 0.387 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.298 | 93 | 4730 | 0.382 | ng | | 100 |
| 9) Naphthalene | 10.733 | 128 | 12407 | 0.363 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.021 | 225 | 2687 | 0.392 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.348 | 142 | 7975 | 0.365 | ng | | 98 |
| 16) Acenaphthylene | 14.239 | 152 | 10516 | 0.342 | ng | | 99 |
| 17) Acenaphthene | 14.581 | 154 | 7550 | 0.366 | ng | | 100 |
| 18) Fluorene | 15.575 | 166 | 10076 | 0.360 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198 | 958 | 0.384 | ng | # | 83 |
| 21) 4-Bromophenyl-phenylether | 16.459 | 248 | 3366 | 0.350 | ng | | 94 |
| 22) Hexachlorobenzene | 16.570 | 284 | 4031 | 0.349 | ng | | 97 |
| 23) Atrazine | 16.732 | 200 | 2472 | 0.355 | ng | | 97 |
| 24) Pentachlorophenol | 16.918 | 266 | 1268 | 0.391 | ng | | 96 |
| 25) Phenanthrene | 17.315 | 178 | 17047 | 0.355 | ng | | 100 |
| 26) Anthracene | 17.402 | 178 | 13662 | 0.351 | ng | | 100 |
| 28) Fluoranthene | 19.334 | 202 | 19158 | 0.364 | ng | | 99 |
| 30) Pyrene | 19.696 | 202 | 19124 | 0.341 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.450 | 228 | 17779 | 0.354 | ng | | 98 |
| 33) Chrysene | 21.504 | 228 | 19699 | 0.355 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.370 | 149 | 7821 | 0.343 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.379 | 276 | 19170 | 0.347 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.142 | 252 | 18044 | 0.360 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.186 | 252 | 18052 | 0.364 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.774 | 252 | 13197 | 0.351 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.393 | 278 | 15705 | 0.351 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.145 | 276 | 16522 | 0.348 | ng | | 96 |

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

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