Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023840.D
Acq On : 27 Jan 2023 15:06
Operator : CG/JU
Sample : PB150475BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB150475BS

Quant Time: Jan 30 02:27:07 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 | 4159 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.680 | 136 | 11619 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.527 | 164 | 6464 | 0.400 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.265 | 188 | 13774 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.464 | 240 | 11830 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.881 | 264 | 9436 | 0.400 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 3366 | 0.389 | ng | | 0.00 |
| 5) Phenol-d6 | 7.038 | 99 | 3965 | 0.387 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.035 | 82 | 3243 | 0.367 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.276 | 152 | 5759 | 0.375 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.012 | 330 | 1022 | 0.361 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.148 | 172 | 9066 | 0.352 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.300 | 212 | 11548 | 0.359 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.899 | 244 | 8419 | 0.375 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.304 | 88 | 1608 | 0.367 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.637 | 42 | 1766 | 0.380 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.305 | 93 | 3923 | 0.378 | ng | | 99 |
| 9) Naphthalene | 10.733 | 128 | 10531 | 0.362 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.021 | 225 | 2280 | 0.390 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.348 | 142 | 7381 | 0.396 | ng | | 97 |
| 16) Acenaphthylene | 14.239 | 152 | 8739 | 0.341 | ng | | 100 |
| 17) Acenaphthene | 14.581 | 154 | 6291 | 0.366 | ng | | 100 |
| 18) Fluorene | 15.575 | 166 | 8298 | 0.355 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198 | 751 | 0.378 | ng | | 94 |
| 21) 4-Bromophenyl-phenylether | 16.459 | 248 | 2701 | 0.353 | ng | | 95 |
| 22) Hexachlorobenzene | 16.570 | 284 | 3239 | 0.352 | ng | | 96 |
| 23) Atrazine | 16.732 | 200 | 1960 | 0.353 | ng | | 97 |
| 24) Pentachlorophenol | 16.918 | 266 | 1038 | 0.397 | ng | | 99 |
| 25) Phenanthrene | 17.315 | 178 | 13431 | 0.352 | ng | | 100 |
| 26) Anthracene | 17.402 | 178 | 10837 | 0.350 | ng | | 99 |
| 28) Fluoranthene | 19.334 | 202 | 14489 | 0.346 | ng | | 99 |
| 30) Pyrene | 19.696 | 202 | 14465 | 0.360 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.446 | 228 | 12365 | 0.343 | ng | | 99 |
| 33) Chrysene | 21.500 | 228 | 14073 | 0.354 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.374 | 149 | 5688 | 0.349 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.375 | 276 | 13944 | 0.356 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 23.144 | 252 | 12496 | 0.351 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.191 | 252 | 12684 | 0.361 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.767 | 252 | 9304 | 0.349 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.389 | 278 | 11329 | 0.357 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.141 | 276 | 12100 | 0.359 | ng | | 95 |

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

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