Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021775.D
Acq On : 15 Sep 2022 19:12
Operator : CG/JU
Sample : PB147668BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB147668BSD

Quant Time: Sep 16 06:26:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.054 | 152 | 5142 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.887 | 136 | 16116 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.707 | 164 | 9687 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.456 | 188 | 20914 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.647 | 240 | 15472 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 24.160 | 264 | 11765 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.584 | 112 | 5359 | 0.398 | ng | | 0.00 |
| 5) Phenol-d6 | 7.209 | 99 | 6847 | 0.401 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.233 | 82 | 5069 | 0.380 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.471 | 152 | 15387 | 0.378 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.197 | 330 | 1481 | 0.334 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.339 | 172 | 15425 | 0.390 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.490 | 212 | 20489 | 0.364 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.080 | 244 | 13884 | 0.393 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 2488 | 0.374 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.743 | 42 | 2645 | 0.392 | ng | | 92 |
| 6) bis(2-Chloroethyl)ether | 7.469 | 93 | 6444 | 0.381 | ng | | 99 |
| 9) Naphthalene | 10.930 | 128 | 18437 | 0.388 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.218 | 225 | 3117 | 0.392 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.176 | 142 | 3743 | 0.366 | ng | | 99 |
| 16) Acenaphthylene | 14.429 | 152 | 17082 | 0.369 | ng | | 100 |
| 17) Acenaphthene | 14.771 | 154 | 11999 | 0.380 | ng | | 99 |
| 18) Fluorene | 15.747 | 166 | 15857 | 0.377 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.647 | 248 | 4880 | 0.379 | ng | | 93 |
| 22) Hexachlorobenzene | 16.763 | 284 | 5729 | 0.395 | ng | | 99 |
| 23) Atrazine | 16.913 | 200 | 3658 | 0.344 | ng | | 99 |
| 24) Pentachlorophenol | 17.109 | 266 | 1252 | 0.230 | ng | | 98 |
| 25) Phenanthrene | 17.502 | 178 | 26739 | 0.381 | ng | | 100 |
| 26) Anthracene | 17.594 | 178 | 21562 | 0.363 | ng | | 100 |
| 28) Fluoranthene | 19.519 | 202 | 27904 | 0.369 | ng | | 100 |
| 30) Pyrene | 19.882 | 202 | 29788 | 0.388 | ng | | 97 |
| 32) Benzo(a)anthracene | 21.629 | 228 | 21719 | 0.366 | ng | | 98 |
| 33) Chrysene | 21.683 | 228 | 24317 | 0.394 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149 | 13510 | 0.341 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.797 | 276 | 20814 | 0.372 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.385 | 252 | 20960 | 0.392 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.435 | 252 | 19871 | 0.380 | ng | | 97 |
| 39) Benzo(a)pyrene | 24.043 | 252 | 16259 | 0.382 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 26.820 | 278 | 16358 | 0.370 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.612 | 276 | 16887 | 0.371 | ng | | 99 |

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

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