Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022496.D
Acq On : 04 Nov 2022 03:56
Operator : CG/JU
Sample : PB148742BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB148742BS

Quant Time: Nov 04 05:19:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.920 | 152 | 3866 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.741 | 136 | 13008 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.589 | 164 | 7914 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.350 | 188 | 15412 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.555 | 240 | 13633 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.999 | 264 | 11165 | 0.400 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.443 | 112 | 4063 | 0.372 | ng | | 0.00 |
| 5) Phenol-d6 | 7.083 | 99 | 5561 | 0.404 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.097 | 82 | 4789 | 0.407 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.342 | 152 | 8256 | 0.378 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.096 | 330 | 1488 | 0.358 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.210 | 172 | 13818 | 0.419 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.390 | 212 | 15599 | 0.370 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.985 | 244 | 15427 | 0.363 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 1988 | 0.342 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.616 | 42 | 2110 | 0.350 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.343 | 93 | 4974 | 0.404 | ng | | 99 |
| 9) Naphthalene | 10.795 | 128 | 15147 | 0.384 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.072 | 225 | 2591 | 0.381 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.054 | 142 | 3235 | 0.345 | ng | # | 90 |
| 16) Acenaphthylene | 14.311 | 152 | 14867 | 0.370 | ng | | 99 |
| 17) Acenaphthene | 14.653 | 154 | 10085 | 0.390 | ng | | 100 |
| 18) Fluorene | 15.647 | 166 | 13753 | 0.379 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.749 | 198 | 738 | 0.421 | ng | # | 78 |
| 21) 4-Bromophenyl-phenylether | 16.531 | 248 | 3904 | 0.410 | ng | # | 79 |
| 22) Hexachlorobenzene | 16.655 | 284 | 4778 | 0.439 | ng | | 100 |
| 23) Atrazine | 16.816 | 200 | 3065 | 0.357 | ng | | 95 |
| 24) Pentachlorophenol | 17.002 | 266 | 1315 | 0.406 | ng | | 97 |
| 25) Phenanthrene | 17.387 | 178 | 19104 | 0.371 | ng | | 100 |
| 26) Anthracene | 17.486 | 178 | 14869 | 0.328 | ng | | 100 |
| 28) Fluoranthene | 19.420 | 202 | 20836 | 0.375 | ng | | 99 |
| 30) Pyrene | 19.786 | 202 | 20292 | 0.345 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.537 | 228 | 20351 | 0.371 | ng | | 99 |
| 33) Chrysene | 21.591 | 228 | 21248 | 0.391 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.457 | 149 | 13121 | 0.284 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.569 | 276 | 18031 | 0.335 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.251 | 252 | 18666 | 0.425 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 23.298 | 252 | 18569 | 0.415 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.891 | 252 | 15128 | 0.402 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.590 | 278 | 14263 | 0.334 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 27.361 | 276 | 14584 | 0.321 | ng | | 97 |

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

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