Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024988.D
Acq On : 18 Apr 2023 22:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Apr 19 05:47:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 05:45:45 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.933 | 152 | 8811 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.739 | 136 | 26715 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.576 | 164 | 14411 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.323 | 188 | 30976 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.518 | 240 | 23666 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.968 | 264 | 19413 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.484 | 112 | 9022 | 0.443 | ng | | 0.00 |
| 5) Phenol-d6 | 7.095 | 99 | 11893 | 0.463 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.095 | 82 | 9411 | 0.437 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.332 | 152 | 15793 | 0.446 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.070 | 330 | 2862 | 0.442 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.197 | 172 | 25619 | 0.465 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.355 | 212 | 30651 | 0.436 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.949 | 244 | 27148 | 0.506 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.347 | 88 | 4300 | 0.444 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.679 | 42 | 7097 | 0.432 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.355 | 93 | 11325 | 0.435 | ng | | 97 |
| 9) Naphthalene | 10.793 | 128 | 31416 | 0.457 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.081 | 225 | 6030 | 0.460 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.404 | 142 | 21125 | 0.442 | ng | | 99 |
| 16) Acenaphthylene | 14.299 | 152 | 27197 | 0.449 | ng | | 100 |
| 17) Acenaphthene | 14.641 | 154 | 18640 | 0.455 | ng | | 100 |
| 18) Fluorene | 15.624 | 166 | 24751 | 0.440 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.710 | 198 | 896 | 0.329 | ng | | 89 |
| 21) 4-Bromophenyl-phenylether | 16.516 | 248 | 7784 | 0.427 | ng | # | 91 |
| 22) Hexachlorobenzene | 16.628 | 284 | 9391 | 0.454 | ng | | 99 |
| 23) Atrazine | 16.777 | 200 | 4978 | 0.400 | ng | # | 93 |
| 24) Pentachlorophenol | 16.976 | 266 | 3252 | 0.581 | ng | | 94 |
| 25) Phenanthrene | 17.361 | 178 | 38954 | 0.433 | ng | | 100 |
| 26) Anthracene | 17.460 | 178 | 32846 | 0.419 | ng | | 99 |
| 28) Fluoranthene | 19.384 | 202 | 43029 | 0.421 | ng | | 99 |
| 30) Pyrene | 19.747 | 202 | 43830 | 0.521 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.500 | 228 | 34853 | 0.436 | ng | | 98 |
| 33) Chrysene | 21.553 | 228 | 39344 | 0.469 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.419 | 149 | 17647 | 0.411 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.527 | 276 | 31294 | 0.368 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.220 | 252 | 32332 | 0.439 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.267 | 252 | 32640 | 0.447 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.863 | 252 | 29676 | 0.421 | ng | # | 93 |
| 40) Dibenzo(a,h)anthracene | 26.547 | 278 | 24917 | 0.372 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 27.310 | 276 | 26763 | 0.369 | ng | | 98 |

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

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