Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
Data File : BN024162.D
Acq On : 08 Mar 2023 02:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 08 04:13:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 08 03:54:47 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.064 | 152 | 10457 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.883 | 136 | 29516 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.688 | 164 | 14121 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.439 | 188 | 26422 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.625 | 240 | 16010 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.132 | 264 | 11431 | 0.400 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.594 | 112 | 8722 | 0.399 | ng | | 0.00 |
| 5) Phenol-d6 | 7.205 | 99 | 11067 | 0.389 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.217 | 82 | 5003 | 0.370 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.458 | 152 | 16193 | 0.344 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.173 | 330 | 1977 | 0.338 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.319 | 172 | 23067 | 0.414 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.465 | 212 | 19734 | 0.369 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.058 | 244 | 11747 | 0.415 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.449 | 88 | 4266 | 0.407 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.774 | 42 | 6001 | 0.417 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.472 | 93 | 11725 | 0.412 | ng | | 99 |
| 9) Naphthalene | 10.925 | 128 | 29887 | 0.402 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.214 | 225 | 5875 | 0.398 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.503 | 142 | 193 | 0.535 | ng | | 92 |
| 16) Acenaphthylene | 14.410 | 152 | 23789 | 0.374 | ng | | 100 |
| 17) Acenaphthene | 14.752 | 154 | 16196 | 0.393 | ng | | 100 |
| 18) Fluorene | 15.739 | 166 | 19105 | 0.387 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198 | 792 | 0.428 | ng | | 88 |
| 21) 4-Bromophenyl-phenylether | 16.620 | 248 | 5245 | 0.369 | ng | # | 73 |
| 22) Hexachlorobenzene | 16.744 | 284 | 8623 | 0.419 | ng | | 99 |
| 23) Atrazine | 16.881 | 200 | 2825 | 0.383 | ng | # | 90 |
| 24) Pentachlorophenol | 17.079 | 266 | 2495 | 0.395 | ng | | 98 |
| 25) Phenanthrene | 17.477 | 178 | 31430 | 0.402 | ng | | 100 |
| 26) Anthracene | 17.563 | 178 | 25375 | 0.369 | ng | | 100 |
| 28) Fluoranthene | 19.494 | 202 | 31238 | 0.375 | ng | | 100 |
| 30) Pyrene | 19.857 | 202 | 31508 | 0.454 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.607 | 228 | 18328 | 0.370 | ng | | 99 |
| 33) Chrysene | 21.661 | 228 | 23229 | 0.412 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149 | 8642 | 0.440 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.755 | 276 | 12210 | 0.333 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.363 | 252 | 15648 | 0.373 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.416 | 252 | 16206 | 0.348 | ng | | 100 |
| 39) Benzo(a)pyrene | 24.018 | 252 | 13683 | 0.352 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.775 | 278 | 8437 | 0.311 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.556 | 276 | 13031 | 0.373 | ng | | 99 |

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

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