Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
Data File : BN023054.D
Acq On : 02 Dec 2022 19:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Quant Time: Dec 05 00:35:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.057 | 152 | 4741 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.872 | 136 | 12962 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.688 | 164 | 6731 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.439 | 188 | 13002 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.625 | 240 | 7372 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.103 | 264 | 5170 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.587 | 112 | 4079 | 0.331 | ng | | 0.00 |
| 5) Phenol-d6 | 7.204 | 99 | 5389 | 0.343 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.217 | 82 | 4188 | 0.416 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.454 | 152 | 9729 | 0.346 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.173 | 330 | 1043 | 0.321 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.319 | 172 | 12815 | 0.416 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.465 | 212 | 13681 | 0.387 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.058 | 244 | 6793 | 0.392 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.442 | 88 | 2207 | 0.367 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.774 | 42 | 2280 | 0.352 | ng | | 87 |
| 6) bis(2-Chloroethyl)ether | 7.472 | 93 | 6047 | 0.410 | ng | | 98 |
| 9) Naphthalene | 10.925 | 128 | 15850 | 0.397 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.214 | 225 | 3374 | 0.412 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.144 | 142 | 2562 | 0.315 | ng | # | 95 |
| 16) Acenaphthylene | 14.410 | 152 | 12351m | 0.347 | ng | | |
| 17) Acenaphthene | 14.752 | 154 | 9242 | 0.394 | ng | | 98 |
| 18) Fluorene | 15.739 | 166 | 11340 | 0.378 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198 | 670 | 0.461 | ng | # | 84 |
| 21) 4-Bromophenyl-phenylether | 16.632 | 248 | 3506 | 0.374 | ng | # | 74 |
| 22) Hexachlorobenzene | 16.744 | 284 | 4941 | 0.431 | ng | | 97 |
| 23) Atrazine | 16.893 | 200 | 2146 | 0.324 | ng | # | 90 |
| 24) Pentachlorophenol | 17.079 | 266 | 1091 | 0.348 | ng | | 97 |
| 25) Phenanthrene | 17.477 | 178 | 18048 | 0.399 | ng | | 100 |
| 26) Anthracene | 17.563 | 178 | 13767 | 0.351 | ng | | 100 |
| 28) Fluoranthene | 19.494 | 202 | 16873 | 0.351 | ng | | 98 |
| 30) Pyrene | 19.857 | 202 | 16366 | 0.426 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.607 | 228 | 10952 | 0.368 | ng | | 99 |
| 33) Chrysene | 21.661 | 228 | 12999 | 0.421 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149 | 5324 | 0.445 | ng | | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 26.696 | 276 | 10920 | 0.509 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 23.343 | 252 | 10690 | 0.463 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 23.390 | 252 | 10503 | 0.420 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.992 | 252 | 7640 | 0.434 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 26.717 | 278 | 8555 | 0.502 | ng | # | 93 |
| 41) Benzo(g,h,i)perylene | 27.494 | 276 | 8644 | 0.471 | ng | | 96 |

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

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