Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019331.D
Acq On : 05 Apr 2022 00:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 03:30:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.826 | 152 | 4293 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 12153 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 8301 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 18370 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.396 | 240 | 14216 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.744 | 264 | 11865 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.385 | 112 | 5025 | 0.437 | ng | | 0.00 |
| 5) Phenol-d6 | 6.988 | 99 | 5375 | 0.388 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 4203 | 0.381 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.223 | 152 | 9836 | 0.461 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 1817 | 0.360 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 15375 | 0.446 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.236 | 212 | 25365 | 0.429 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.835 | 244 | 14539 | 0.471 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.218 | 88 | 2431 | 0.474 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.543 | 42 | 2886 | 0.425 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.248 | 93 | 5940 | 0.427 | ng | | 97 |
| 9) Naphthalene | 10.680 | 128 | 16540 | 0.461 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 3725 | 0.477 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.295 | 142 | 11398 | 0.458 | ng | | 97 |
| 16) Acenaphthylene | 14.185 | 152 | 17011 | 0.413 | ng | | 99 |
| 17) Acenaphthene | 14.527 | 154 | 12400 | 0.453 | ng | | 99 |
| 18) Fluorene | 15.511 | 166 | 16384 | 0.453 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198 | 963 | 0.285 | ng | # | 72 |
| 21) 4-Bromophenyl-phenylether | 16.395 | 248 | 5418 | 0.438 | ng | # | 77 |
| 22) Hexachlorobenzene | 16.518 | 284 | 6659 | 0.460 | ng | | 99 |
| 23) Atrazine | 16.662 | 200 | 3709 | 0.363 | ng | | 98 |
| 24) Pentachlorophenol | 16.867 | 266 | 1855 | 0.329 | ng | | 97 |
| 25) Phenanthrene | 17.246 | 178 | 27441 | 0.445 | ng | | 100 |
| 26) Anthracene | 17.338 | 178 | 21921 | 0.404 | ng | | 100 |
| 28) Fluoranthene | 19.265 | 202 | 31652 | 0.433 | ng | | 99 |
| 30) Pyrene | 19.628 | 202 | 30894m | 0.467 | ng | | |
| 32) Benzo(a)anthracene | 21.378 | 228 | 21244 | 0.404 | ng | | 100 |
| 33) Chrysene | 21.431 | 228 | 26370 | 0.452 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.306 | 149 | 13194 | 0.338 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.167 | 276 | 19624 | 0.395 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 23.027 | 252 | 20752m | 0.446 | ng | | |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 21483 | 0.442 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.639 | 252 | 19236 | 0.460 | ng | # | 81 |
| 40) Dibenzo(a,h)anthracene | 26.182 | 278 | 14958 | 0.389 | ng | | 93 |
| 41) Benzo(g,h,i)perylene | 26.904 | 276 | 18643 | 0.405 | ng | | 99 |

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

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