Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
Data File : BN017503.D
Acq On : 18 Nov 2021 09:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 18 10:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.874 | 152 | 26060 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.661 | 136 | 111524 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 54659 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.237 | 188 | 96624 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.419 | 240 | 77454 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.793 | 264 | 56578 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.449 | 112 | 25580 | 0.412 | ng | | 0.00 |
| 5) Phenol-d6 | 7.025 | 99 | 27378 | 0.410 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.013 | 82 | 29185 | 0.422 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.248 | 152 | 70572 | 0.385 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.982 | 330 | 4874 | 0.351 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.115 | 172 | 88024 | 0.427 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.267 | 212 | 113065 | 0.392 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.863 | 244 | 77966 | 0.410 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.392 | 88 | 4206 | 0.367 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.743 | 42 | 8678 | 0.397 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.293 | 93 | 30508 | 0.427 | ng | | 95 |
| 9) Naphthalene | 10.712 | 128 | 113125 | 0.404 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.016 | 225 | 23639 | 0.403 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.319 | 142 | 70661 | 0.398 | ng | | 97 |
| 16) Acenaphthylene | 14.206 | 152 | 74723 | 0.367 | ng | | 100 |
| 17) Acenaphthene | 14.549 | 154 | 58357 | 0.395 | ng | | 99 |
| 18) Fluorene | 15.538 | 166 | 66235 | 0.390 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.614 | 198 | 821 | 0.341 | ng | # | 86 |
| 21) 4-Bromophenyl-phenylether | 16.422 | 248 | 20810 | 0.380 | ng | | 98 |
| 22) Hexachlorobenzene | 16.544 | 284 | 24435 | 0.395 | ng | # | 93 |
| 23) Atrazine | 16.702 | 200 | 12345 | 0.395 | ng | | 97 |
| 24) Pentachlorophenol | 16.884 | 266 | 3855 | 0.328 | ng | | 99 |
| 25) Phenanthrene | 17.274 | 178 | 105007 | 0.395 | ng | | 100 |
| 26) Anthracene | 17.359 | 178 | 82762 | 0.376 | ng | | 100 |
| 28) Fluoranthene | 19.297 | 202 | 115266 | 0.405 | ng | | 100 |
| 30) Pyrene | 19.654 | 202 | 113653 | 0.408 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.409 | 228 | 89637 | 0.374 | ng | | 99 |
| 33) Chrysene | 21.451 | 228 | 99294 | 0.403 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 47808 | 0.381 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.244 | 276 | 43673 | 0.335 | ng | # | 93 |
| 37) Benzo(b)fluoranthene | 23.071 | 252 | 84644 | 0.398 | ng | # | 97 |
| 38) Benzo(k)fluoranthene | 23.115 | 252 | 80307 | 0.411 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.687 | 252 | 62603 | 0.380 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.265 | 278 | 32065m | 0.323 | ng | | |
| 41) Benzo(g,h,i)perylene | 26.987 | 276 | 43090 | 0.351 | ng | | 97 |

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

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