Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017795.D
Acq On : 08 Dec 2021 11:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 00:04:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.715 | 152 | 22121 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.494 | 136 | 94933 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.347 | 164 | 63619 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.093 | 188 | 134747 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.293 | 240 | 133505 | 0.400 | ng | # | 0.01 |
| 35) Perylene-d12 | 23.589 | 264 | 116019 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.327 | 112 | 22015 | 0.412 | ng | | 0.00 |
| 5) Phenol-d6 | 6.903 | 99 | 22481 | 0.445 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.859 | 82 | 26104 | 0.413 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.090 | 152 | 71864 | 0.379 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.845 | 330 | 13071 | 0.393 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.964 | 172 | 91358 | 0.392 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.129 | 212 | 185355 | 0.412 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.735 | 244 | 119404 | 0.416 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.298 | 88 | 3320m | 0.408 | ng | | |
| 3) n-Nitrosodimethylamine | 3.602 | 42 | 9236 | 0.404 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.143 | 93 | 24295 | 0.425 | ng | | 99 |
| 9) Naphthalene | 10.545 | 128 | 95293 | 0.383 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.836 | 225 | 27790 | 0.385 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.165 | 142 | 68992 | 0.385 | ng | | 100 |
| 16) Acenaphthylene | 14.056 | 152 | 98705 | 0.395 | ng | | 100 |
| 17) Acenaphthene | 14.411 | 154 | 66753 | 0.401 | ng | | 99 |
| 18) Fluorene | 15.400 | 166 | 85456 | 0.402 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.489 | 198 | 550 | 0.401 | ng | # | 78 |
| 21) 4-Bromophenyl-phenylether | 16.289 | 248 | 30898 | 0.379 | ng | | 94 |
| 22) Hexachlorobenzene | 16.411 | 284 | 38335 | 0.396 | ng | | 99 |
| 23) Atrazine | 16.569 | 200 | 23276 | 0.395 | ng | | 94 |
| 24) Pentachlorophenol | 16.764 | 266 | 8595 | 0.516 | ng | | 99 |
| 25) Phenanthrene | 17.129 | 178 | 138277 | 0.391 | ng | | 100 |
| 26) Anthracene | 17.226 | 178 | 123631 | 0.397 | ng | | 100 |
| 28) Fluoranthene | 19.159 | 202 | 177129 | 0.411 | ng | | 100 |
| 30) Pyrene | 19.522 | 202 | 182520 | 0.431 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.272 | 228 | 166881 | 0.406 | ng | | 99 |
| 33) Chrysene | 21.325 | 228 | 172598 | 0.402 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.219 | 149 | 89706 | 0.482 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.951 | 276 | 110625 | 0.344 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.894 | 252 | 159147 | 0.404 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.939 | 252 | 150499 | 0.405 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.486 | 252 | 141821 | 0.400 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.968 | 278 | 82625 | 0.332 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.670 | 276 | 92591 | 0.346 | ng | | 99 |

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

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