Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080921\
Data File : BN015825.D
Acq On : 09 Aug 2021 16:12
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICCC0.4

Quant Time: Aug 09 17:26:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 16:46:20 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.928 | 152 | 8604 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.724 | 136 | 42136 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.561 | 164 | 24417 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.310 | 188 | 49391 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.493 | 240 | 51770 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.926 | 264 | 48615 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.485 | 112 | 8897 | 0.351 | ng | | 0.00 |
| 5) Phenol-d6 | 7.080 | 99 | 11892 | 0.341 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.076 | 82 | 11535 | 0.364 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.314 | 152 | 26477 | 0.409 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.044 | 330 | 3761 | 0.295 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.190 | 172 | 37030 | 0.406 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.341 | 212 | 56286 | 0.407 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.937 | 244 | 56930 | 0.357 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.410 | 88 | 1650 | 0.476 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.770 | 42 | 3287 | 0.403 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.347 | 93 | 9666 | 0.389 | ng | | 100 |
| 9) Naphthalene | 10.774 | 128 | 43197 | 0.391 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.066 | 225 | 11091 | 0.550 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.390 | 142 | 29535 | 0.394 | ng | | 100 |
| 16) Acenaphthylene | 14.281 | 152 | 38872 | 0.342 | ng | | 100 |
| 17) Acenaphthene | 14.624 | 154 | 26243 | 0.367 | ng | | 100 |
| 18) Fluorene | 15.601 | 166 | 33312 | 0.384 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.677 | 198 | 1292 | 0.335 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.494 | 248 | 10122 | 0.383 | ng | | 100 |
| 22) Hexachlorobenzene | 16.616 | 284 | 13133 | 0.403 | ng | | 100 |
| 23) Atrazine | 16.762 | 200 | 8110 | 0.299 | ng | | 100 |
| 24) Pentachlorophenol | 16.957 | 266 | 4127 | 0.336 | ng | | 100 |
| 25) Phenanthrene | 17.346 | 178 | 52669 | 0.374 | ng | | 100 |
| 26) Anthracene | 17.431 | 178 | 46562 | 0.340 | ng | | 100 |
| 28) Fluoranthene | 19.371 | 202 | 63421 | 0.402 | ng | | 100 |
| 30) Pyrene | 19.733 | 202 | 62975 | 0.343 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.482 | 228 | 64051 | 0.363 | ng | | 100 |
| 33) Chrysene | 21.535 | 228 | 65546 | 0.393 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.419 | 149 | 25607 | 0.196 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.445 | 276 | 60864 | 0.332 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.187 | 252 | 63734 | 0.374 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.235 | 252 | 61538 | 0.384 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.820 | 252 | 55054 | 0.365 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.462 | 278 | 49116 | 0.327 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.212 | 276 | 54926 | 0.346 | ng | | 100 |

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

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