Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017360.D
Acq On : 09 Nov 2021 22:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 10 11:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 31773 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.319 | 136 | 143570 | 0.400 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.181 | 164 | 75882 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.934 | 188 | 140161 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.144 | 240 | 136292 | 0.400 | ng | | 0.01 |
| 35) Perylene-d12 | 23.335 | 264 | 131207 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.163 | 112 | 29719 | 0.406 | ng | | 0.00 |
| 5) Phenol-d6 | 6.740 | 99 | 32925 | 0.408 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.697 | 82 | 37620 | 0.437 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.911 | 152 | 85289 | 0.404 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.678 | 330 | 9120 | 0.322 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.798 | 172 | 124370 | 0.431 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.975 | 212 | 145820 | 0.408 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.591 | 244 | 127413 | 0.420 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.144 | 88 | 7444 | 0.418 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.476 | 42 | 12189 | 0.447 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 6.989 | 93 | 36345 | 0.427 | ng | | 99 |
| 9) Naphthalene | 10.357 | 128 | 156302 | 0.413 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.649 | 225 | 30304 | 0.409 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.986 | 142 | 101855 | 0.409 | ng | | 99 |
| 16) Acenaphthylene | 13.902 | 152 | 127099 | 0.411 | ng | | 100 |
| 17) Acenaphthene | 14.245 | 154 | 87752 | 0.412 | ng | | 100 |
| 18) Fluorene | 15.234 | 166 | 97726 | 0.384 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.336 | 198 | 2215 | 0.311 | ng | | 96 |
| 21) 4-Bromophenyl-phenylether | 16.143 | 248 | 30072 | 0.383 | ng | # | 62 |
| 22) Hexachlorobenzene | 16.240 | 284 | 34473 | 0.392 | ng | | 100 |
| 23) Atrazine | 16.423 | 200 | 19333 | 0.364 | ng | | 100 |
| 24) Pentachlorophenol | 16.593 | 266 | 8357 | 0.411 | ng | | 99 |
| 25) Phenanthrene | 16.970 | 178 | 169033 | 0.421 | ng | | 100 |
| 26) Anthracene | 17.068 | 178 | 135702 | 0.406 | ng | | 100 |
| 28) Fluoranthene | 19.005 | 202 | 184945 | 0.427 | ng | | 100 |
| 30) Pyrene | 19.367 | 202 | 180634 | 0.410 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.123 | 228 | 167625 | 0.405 | ng | | 100 |
| 33) Chrysene | 21.176 | 228 | 182170 | 0.414 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 56146 | 0.385 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.543 | 276 | 184190 | 0.401 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.675 | 252 | 176651 | 0.412 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.719 | 252 | 180030 | 0.420 | ng | # | 97 |
| 39) Benzo(a)pyrene | 23.239 | 252 | 153749 | 0.405 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.564 | 278 | 146731 | 0.397 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.217 | 276 | 155140 | 0.389 | ng | | 100 |

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

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