Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023144.D
Acq On : 12 Dec 2022 20:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 13 05:46:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.021 | 152 | 8750 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.840 | 136 | 26661 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.656 | 164 | 14701 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.402 | 188 | 31366 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.589 | 240 | 26212 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.044 | 264 | 22092 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.551 | 112 | 7127 | 0.437 | ng | | 0.00 |
| 5) Phenol-d6 | 7.168 | 99 | 8984 | 0.434 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.185 | 82 | 6982 | 0.398 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.424 | 152 | 14922 | 0.330 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.148 | 330 | 2257 | 0.423 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.287 | 172 | 22846 | 0.389 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.431 | 212 | 29930 | 0.408 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.022 | 244 | 16519 | 0.388 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.398 | 88 | 3285 | 0.380 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.731 | 42 | 3468 | 0.409 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.436 | 93 | 9444 | 0.401 | ng | | 98 |
| 9) Naphthalene | 10.883 | 128 | 26360 | 0.388 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.181 | 225 | 5165 | 0.399 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.114 | 142 | 4582 | 0.453 | ng | | 98 |
| 16) Acenaphthylene | 14.378 | 152 | 21754 | 0.367 | ng | | 100 |
| 17) Acenaphthene | 14.720 | 154 | 16146 | 0.371 | ng | | 98 |
| 18) Fluorene | 15.703 | 166 | 18973 | 0.390 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198 | 905 | 0.378 | ng | | 98 |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248 | 6683 | 0.399 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.707 | 284 | 8614 | 0.393 | ng | | 100 |
| 23) Atrazine | 16.856 | 200 | 4332 | 0.367 | ng | # | 92 |
| 24) Pentachlorophenol | 17.054 | 266 | 2359 | 0.310 | ng | | 99 |
| 25) Phenanthrene | 17.439 | 178 | 35196 | 0.377 | ng | | 100 |
| 26) Anthracene | 17.539 | 178 | 27043 | 0.363 | ng | | 100 |
| 28) Fluoranthene | 19.464 | 202 | 38011 | 0.380 | ng | | 99 |
| 30) Pyrene | 19.823 | 202 | 37937 | 0.395 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.571 | 228 | 31879 | 0.378 | ng | | 100 |
| 33) Chrysene | 21.625 | 228 | 36307 | 0.382 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.491 | 149 | 14998 | 0.420 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.614 | 276 | 37425 | 0.378 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.293 | 252 | 34774 | 0.380 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.340 | 252 | 33893 | 0.364 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.933 | 252 | 27049 | 0.394 | ng | # | 93 |
| 40) Dibenzo(a,h)anthracene | 26.632 | 278 | 29310 | 0.369 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.404 | 276 | 29279 | 0.345 | ng | | 99 |

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

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