Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021557.D
Acq On : 02 Sep 2022 11:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Sep 03 00:08:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 4582 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.898 | 136 | 14369 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.718 | 164 | 8050 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.470 | 188 | 16464 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.655 | 240 | 10534 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.179 | 264 | 7028 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.592 | 112 | 3876 | 0.432 | ng | 0.00 |
| 5) Phenol-d6 | 7.217 | 99 | 4758 | 0.416 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.243 | 82 | 3859 | 0.398 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.486 | 152 | 15257 | 0.471 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.208 | 330 | 994 | 0.376 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.349 | 172 | 14354 | 0.408 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.501 | 212 | 16372 | 0.387 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.088 | 244 | 11026 | 0.466 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 2482 | 0.433 | ng | # 89 |
| 3) n-Nitrosodimethylamine | 3.743 | 42 | 2183 | 0.423 | ng | 91 |
| 6) bis(2-Chloroethyl)ether | 7.484 | 93 | 5981 | 0.416 | ng | 97 |
| 9) Naphthalene | 10.952 | 128 | 17519 | 0.412 | ng | 99 |
| 10) Hexachlorobutadiene | 11.229 | 225 | 3039 | 0.413 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.183 | 142 | 2238 | 0.442 | ng | 97 |
| 16) Acenaphthylene | 14.440 | 152 | 14721 | 0.389 | ng | 100 |
| 17) Acenaphthene | 14.782 | 154 | 10722 | 0.403 | ng | 97 |
| 18) Fluorene | 15.765 | 166 | 13672 | 0.417 | ng | 99 |
| 21) 4-Bromophenyl-phenylether | 16.659 | 248 | 4195 | 0.407 | ng | 97 |
| 22) Hexachlorobenzene | 16.772 | 284 | 5241 | 0.416 | ng | 99 |
| 23) Atrazine | 16.916 | 200 | 2215 | 0.368 | ng | 96 |
| 24) Pentachlorophenol | 17.121 | 266 | 897 | 0.440 | ng | 99 |
| 25) Phenanthrene | 17.511 | 178 | 23221 | 0.409 | ng | 100 |
| 26) Anthracene | 17.603 | 178 | 17791 | 0.394 | ng | 100 |
| 28) Fluoranthene | 19.531 | 202 | 22675 | 0.384 | ng | 99 |
| 30) Pyrene | 19.893 | 202 | 24897 | 0.443 | ng | 97 |
| 32) Benzo(a)anthracene | 21.646 | 228 | 14895 | 0.406 | ng | 99 |
| 33) Chrysene | 21.700 | 228 | 18017 | 0.412 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.557 | 149 | 6434 | 0.435 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.828 | 276 | 12860 | 0.405 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.401 | 252 | 14138 | 0.408 | ng | 98 |
| 38) Benzo(k)fluoranthene | 23.451 | 252 | 13668 | 0.392 | ng | 100 |
| 39) Benzo(a)pyrene | 24.065 | 252 | 10264 | 0.425 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.854 | 278 | 10128 | 0.397 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.644 | 276 | 10961 | 0.391 | ng | 98 |

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

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