Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
Data File : BN018796.D
Acq On : 02 Mar 2022 17:52
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 03 00:12:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:10:39 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.912 | 152 | 5863 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.722 | 136 | 15558 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.538 | 164 | 9517 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.277 | 188 | 20843 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.467 | 240 | 16922 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.864 | 264 | 12588 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.464 | 112 | 4951 | 0.369 | ng | | 0.00 |
| 5) Phenol-d6 | 7.067 | 99 | 5710 | 0.370 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.067 | 82 | 4034 | 0.335 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.306 | 152 | 9730 | 0.415 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.026 | 330 | 1467 | 0.395 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.170 | 172 | 15948 | 0.354 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.312 | 212 | 22803 | 0.403 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.906 | 244 | 13733 | 0.374 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.319 | 88 | 2646 | 0.389 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.644 | 42 | 2653 | 0.393 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.327 | 93 | 6525 | 0.411 | ng | | 100 |
| 9) Naphthalene | 10.765 | 128 | 17213 | 0.383 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.064 | 225 | 4011 | 0.371 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.378 | 142 | 11589 | 0.386 | ng | | 100 |
| 16) Acenaphthylene | 14.260 | 152 | 15768m | 0.349 | ng | | |
| 17) Acenaphthene | 14.602 | 154 | 11710 | 0.376 | ng | | 100 |
| 18) Fluorene | 15.586 | 166 | 15339 | 0.409 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.661 | 198 | 954 | 0.312 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.477 | 248 | 5259 | 0.355 | ng | | 100 |
| 22) Hexachlorobenzene | 16.600 | 284 | 6690 | 0.361 | ng | | 100 |
| 23) Atrazine | 16.733 | 200 | 2805 | 0.343 | ng | | 100 |
| 24) Pentachlorophenol | 16.938 | 266 | 1279 | 0.326 | ng | | 99 |
| 25) Phenanthrene | 17.328 | 178 | 26619 | 0.382 | ng | | 100 |
| 26) Anthracene | 17.410 | 178 | 21133 | 0.358 | ng | | 100 |
| 28) Fluoranthene | 19.341 | 202 | 29336 | 0.402 | ng | | 100 |
| 30) Pyrene | 19.704 | 202 | 29186 | 0.386 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.449 | 228 | 23841 | 0.372 | ng | | 100 |
| 33) Chrysene | 21.503 | 228 | 26971 | 0.377 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.378 | 149 | 42705 | 1.638 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.349 | 276 | 20861 | 0.314 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.130 | 252 | 22321 | 0.390 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.176 | 252 | 22226 | 0.392 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.755 | 252 | 16977 | 0.372 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.366 | 278 | 15959 | 0.308 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.112 | 276 | 17309 | 0.304 | ng | | 100 |

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

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