Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025738.D
Acq On : 31 May 2023 13:53
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 01 00:52:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.012 | 152 | 6568 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.825 | 136 | 19238 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.641 | 164 | 11042 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.381 | 188 | 22990 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.569 | 240 | 12925 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.051 | 264 | 10609 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.549 | 112 | 8058 | 0.436 | ng | | 0.00 |
| 5) Phenol-d6 | 7.160 | 99 | 9737 | 0.429 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.170 | 82 | 7314 | 0.409 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.408 | 152 | 11906 | 0.430 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.140 | 330 | 1355 | 0.398 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.272 | 172 | 19483 | 0.417 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.412 | 212 | 21146 | 0.447 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.006 | 244 | 13050 | 0.416 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.390 | 88 | 3377 | 0.438 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.729 | 42 | 4219 | 0.429 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.427 | 93 | 9108 | 0.442 | ng | | 100 |
| 9) Naphthalene | 10.878 | 128 | 24384 | 0.424 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.166 | 225 | 3803 | 0.430 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.483 | 142 | 15773 | 0.431 | ng | | 100 |
| 16) Acenaphthylene | 14.363 | 152 | 22036 | 0.415 | ng | | 100 |
| 17) Acenaphthene | 14.705 | 154 | 14587 | 0.418 | ng | | 100 |
| 18) Fluorene | 15.680 | 166 | 19484 | 0.434 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.767 | 198 | 1659 | 0.386 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.574 | 248 | 5568 | 0.418 | ng | | 100 |
| 22) Hexachlorobenzene | 16.698 | 284 | 4778 | 0.419 | ng | | 100 |
| 23) Atrazine | 16.835 | 200 | 4717 | 0.435 | ng | | 100 |
| 24) Pentachlorophenol | 17.046 | 266 | 1703 | 0.401 | ng | | 100 |
| 25) Phenanthrene | 17.431 | 178 | 30100 | 0.426 | ng | | 100 |
| 26) Anthracene | 17.517 | 178 | 27069 | 0.419 | ng | | 100 |
| 28) Fluoranthene | 19.444 | 202 | 31133 | 0.447 | ng | | 100 |
| 30) Pyrene | 19.807 | 202 | 31161 | 0.425 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.551 | 228 | 20719 | 0.415 | ng | | 100 |
| 33) Chrysene | 21.605 | 228 | 23068 | 0.437 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149 | 14042 | 0.442 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.633 | 276 | 18235 | 0.397 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.291 | 252 | 18221 | 0.435 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.338 | 252 | 18174 | 0.432 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.937 | 252 | 16607 | 0.419 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.653 | 278 | 14542 | 0.399 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.428 | 276 | 16381 | 0.398 | ng | | 100 |

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

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