Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033243.D
Acq On : 05 Aug 2024 19:53
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 23:41:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:33:19 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.510 | 152 | 966 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.319 | 136 | 3640 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.126 | 164 | 2509 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.920 | 188 | 5788 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.125 | 240 | 6783 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.291 | 264 | 8596 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.293 | 112 | 1062m | 0.441 | ng | | 0.00 |
| 5) Phenol-d6 | 6.990 | 99 | 1372m | 0.419 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.920 | 82 | 992 | 0.336 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.927 | 152 | 2115 | 0.388 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.716 | 330 | 331 | 0.355 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.800 | 172 | 3246 | 0.377 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.950 | 212 | 6133 | 0.379 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.549 | 244 | 4239 | 0.362 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.047 | 88 | 588 | 0.313 | ng | | 89 |
| 3) n-Nitrosodimethylamine | 3.458 | 42 | 410 | 0.348 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.055 | 93 | 1156 | 0.391 | ng | # | 8 |
| 9) Naphthalene | 10.383 | 128 | 3821 | 0.386 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.511 | 225 | 730 | 0.397 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.003 | 142 | 2019 | 0.343 | ng | | 100 |
| 16) Acenaphthylene | 13.869 | 152 | 3697 | 0.369 | ng | | 100 |
| 17) Acenaphthene | 14.201 | 154 | 2812 | 0.389 | ng | | 100 |
| 18) Fluorene | 15.216 | 166 | 3687 | 0.377 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.567 | 198 | 201 | 0.420 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.113 | 248 | 1171 | 0.381 | ng | | 100 |
| 22) Hexachlorobenzene | 16.200 | 284 | 1211 | 0.378 | ng | | 100 |
| 23) Atrazine | 16.399 | 200 | 1052 | 0.364 | ng | | 100 |
| 24) Pentachlorophenol | 16.622 | 266 | 387 | 0.361 | ng | | 99 |
| 25) Phenanthrene | 16.957 | 178 | 5625 | 0.361 | ng | | 100 |
| 26) Anthracene | 17.069 | 178 | 4684 | 0.359 | ng | # | 87 |
| 28) Fluoranthene | 18.983 | 202 | 7997 | 0.374 | ng | | 100 |
| 30) Pyrene | 19.350 | 202 | 8471 | 0.357 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.116 | 228 | 7186 | 0.368 | ng | | 100 |
| 33) Chrysene | 21.160 | 228 | 9651 | 0.368 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149 | 1425 | 0.304 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.475 | 276 | 14171 | 0.365 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.645 | 252 | 9159 | 0.351 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.686 | 252 | 11637 | 0.354 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.209 | 252 | 9287 | 0.355 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.472 | 278 | 11210 | 0.365 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.148 | 276 | 13202 | 0.375 | ng | | 100 |

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

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