Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
Data File : BN036482.D
Acq On : 20 Feb 2025 16:08
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

Quant Time: Feb 21 00:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.746 | 152 | 2017 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.541 | 136 | 4822 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.388 | 164 | 3262 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.124 | 188 | 6914 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.322 | 240 | 6182 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.587 | 264 | 6375 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.334 | 112 | 1821 | 0.382 | ng | | -0.01 |
| 5) Phenol-d6 | 6.923 | 99 | 2152 | 0.385 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.897 | 82 | 1892 | 0.398 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.131 | 152 | 2847 | 0.384 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.883 | 330 | 533 | 0.330 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.009 | 172 | 5105 | 0.416 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.164 | 212 | 7260 | 0.378 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.768 | 244 | 4950 | 0.375 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.261 | 88 | 839 | 0.380 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.579 | 42 | 1556 | 0.406 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.168 | 93 | 2310 | 0.395 | ng | | 99 |
| 9) Naphthalene | 10.584 | 128 | 5486 | 0.394 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.872 | 225 | 1352 | 0.399 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.207 | 142 | 3576 | 0.392 | ng | | 98 |
| 16) Acenaphthylene | 14.099 | 152 | 5339 | 0.371 | ng | | 100 |
| 17) Acenaphthene | 14.441 | 154 | 3586 | 0.373 | ng | | 99 |
| 18) Fluorene | 15.435 | 166 | 5179 | 0.378 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.523 | 198 | 443 | 0.327 | ng | | 93 |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248 | 1615 | 0.392 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.441 | 284 | 2053 | 0.403 | ng | | 98 |
| 23) Atrazine | 16.602 | 200 | 1254 | 0.364 | ng | | 96 |
| 24) Pentachlorophenol | 16.789 | 266 | 845 | 0.349 | ng | | 95 |
| 25) Phenanthrene | 17.173 | 178 | 7909 | 0.396 | ng | | 100 |
| 26) Anthracene | 17.260 | 178 | 6847 | 0.388 | ng | | 100 |
| 28) Fluoranthene | 19.192 | 202 | 9570 | 0.390 | ng | | 99 |
| 30) Pyrene | 19.559 | 202 | 9761 | 0.410 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.304 | 228 | 7952 | 0.391 | ng | | 99 |
| 33) Chrysene | 21.358 | 228 | 9374 | 0.426 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.232 | 149 | 4422 | 0.349 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.885 | 276 | 8878 | 0.398 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.902 | 252 | 8760 | 0.417 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.949 | 252 | 9091m | 0.421 | ng | | |
| 39) Benzo(a)pyrene | 23.490 | 252 | 7583 | 0.414 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 25.905 | 278 | 6854 | 0.390 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.586 | 276 | 7966 | 0.400 | ng | | 98 |

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

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