Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036524.D
Acq On : 05 Mar 2025 13:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 05 16:09:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.732 | 152 | 2348 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 5891 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.366 | 164 | 3887 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.111 | 188 | 7928 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.295 | 240 | 7302 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.551 | 264 | 7292 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.319 | 112 | 2256 | 0.406 | ng | | 0.00 |
| 5) Phenol-d6 | 6.901 | 99 | 2710 | 0.416 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 2360 | 0.406 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.106 | 152 | 3483 | 0.385 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.858 | 330 | 613 | 0.318 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.988 | 172 | 8237 | 0.564 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.141 | 212 | 8803 | 0.399 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.745 | 244 | 6133 | 0.393 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 1024 | 0.399 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.550 | 42 | 1908 | 0.428 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.154 | 93 | 2868 | 0.421 | ng | | 98 |
| 9) Naphthalene | 10.562 | 128 | 6578 | 0.387 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.850 | 225 | 1524 | 0.368 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 4220 | 0.379 | ng | | 100 |
| 16) Acenaphthylene | 14.078 | 152 | 6474 | 0.377 | ng | | 100 |
| 17) Acenaphthene | 14.430 | 154 | 4257 | 0.371 | ng | | 98 |
| 18) Fluorene | 15.414 | 166 | 5822 | 0.357 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.499 | 198 | 494 | 0.318 | ng | | 94 |
| 21) 4-Bromophenyl-phenylether | 16.305 | 248 | 1776 | 0.376 | ng | | 93 |
| 22) Hexachlorobenzene | 16.416 | 284 | 2169 | 0.371 | ng | | 98 |
| 23) Atrazine | 16.578 | 200 | 1528 | 0.387 | ng | | 95 |
| 24) Pentachlorophenol | 16.764 | 266 | 1040 | 0.375 | ng | | 98 |
| 25) Phenanthrene | 17.149 | 178 | 9019 | 0.394 | ng | | 99 |
| 26) Anthracene | 17.235 | 178 | 8093 | 0.400 | ng | | 99 |
| 28) Fluoranthene | 19.174 | 202 | 11196 | 0.398 | ng | | 98 |
| 30) Pyrene | 19.536 | 202 | 11526 | 0.410 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.277 | 228 | 9909 | 0.412 | ng | | 98 |
| 33) Chrysene | 21.331 | 228 | 10684 | 0.411 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149 | 7086 | 0.473 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.838 | 276 | 9728 | 0.382 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.873 | 252 | 10291m | 0.429 | ng | | |
| 38) Benzo(k)fluoranthene | 22.917 | 252 | 9771 | 0.395 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.455 | 252 | 8631 | 0.412 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 25.852 | 278 | 7487 | 0.372 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.528 | 276 | 8456 | 0.371 | ng | | 98 |

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

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Acq On : 05 Mar 2025 13:31
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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