Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038432.D
Acq On : 16 Dec 2025 08:57
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Dec 16 09:44:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.709 | 152 | 5324 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.508 | 136 | 14241 | 0.400 | ng | | #-0.02 |
| 13) Acenaphthene-d10 | 14.376 | 164 | 7529 | 0.400 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.136 | 188 | 13893 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.330 | 240 | 10610 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.618 | 264 | 10646 | 0.400 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.283 | 112 | 5270 | 0.397 | ng | | 0.00 |
| 5) Phenol-d6 | 6.879 | 99 | 6049 | 0.384 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.864 | 82 | 4480 | 0.373 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.115 | 152 | 7606 | 0.379 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.882 | 330 | 1218 | 0.365 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.003 | 172 | 16437 | 0.453 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.173 | 212 | 12981 | 0.378 | ng | | -0.01 |
| 31) Terphenyl-d14 | 19.777 | 244 | 9011 | 0.381 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.188 | 88 | 2410 | 0.395 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.506 | 42 | 2899 | 0.379 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.132 | 93 | 5660 | 0.367 | ng | | 98 |
| 9) Naphthalene | 10.562 | 128 | 15955 | 0.379 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.861 | 225 | 2825 | 0.378 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.186 | 142 | 10251 | 0.384 | ng | | 99 |
| 16) Acenaphthylene | 14.098 | 152 | 13682 | 0.370 | ng | | 100 |
| 17) Acenaphthene | 14.441 | 154 | 9274 | 0.360 | ng | | 97 |
| 18) Fluorene | 15.435 | 166 | 12406 | 0.374 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 591 | 0.259 | ng | | 87 |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248 | 3754 | 0.364 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.441 | 284 | 4588 | 0.370 | ng | | 100 |
| 23) Atrazine | 16.602 | 200 | 2444 | 0.348 | ng | | 95 |
| 24) Pentachlorophenol | 16.788 | 266 | 1583 | 0.327 | ng | | 99 |
| 25) Phenanthrene | 17.173 | 178 | 18245 | 0.377 | ng | | 99 |
| 26) Anthracene | 17.272 | 178 | 15430 | 0.370 | ng | | 100 |
| 28) Fluoranthene | 19.206 | 202 | 19819 | 0.386 | ng | | 99 |
| 30) Pyrene | 19.568 | 202 | 19994 | 0.383 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.312 | 228 | 15682 | 0.383 | ng | | 99 |
| 33) Chrysene | 21.366 | 228 | 18094 | 0.401 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149 | 13197 | 0.587 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.937 | 276 | 22877 | 0.405 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.928 | 252 | 18679 | 0.382 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.972 | 252 | 19098 | 0.392 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.516 | 252 | 15598 | 0.390 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.954 | 278 | 17520 | 0.402 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.641 | 276 | 18985 | 0.390 | ng | | 100 |

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

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