Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
Data File : BN037871.D
Acq On : 24 Sep 2025 09:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 24 11:11:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.818 | 152 | 6027 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 16875 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.473 | 164 | 8790 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.223 | 188 | 17707 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.402 | 240 | 15660 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.735 | 264 | 14846 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 4980 | 0.362 | ng | | 0.00 |
| 5) Phenol-d6 | 6.973 | 99 | 6488 | 0.359 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.971 | 82 | 4847 | 0.377 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.217 | 152 | 8473 | 0.361 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.969 | 330 | 1071 | 0.321 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.094 | 172 | 13879 | 0.386 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.252 | 212 | 15676 | 0.352 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.852 | 244 | 11356 | 0.364 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.297 | 88 | 2525 | 0.413 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.600 | 42 | 3202 | 0.393 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 7.240 | 93 | 6421 | 0.383 | ng | | 99 |
| 9) Naphthalene | 10.669 | 128 | 17858 | 0.384 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.978 | 225 | 3114 | 0.393 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.293 | 142 | 11287 | 0.372 | ng | | 99 |
| 16) Acenaphthylene | 14.195 | 152 | 14763 | 0.370 | ng | | 99 |
| 17) Acenaphthene | 14.537 | 154 | 10658 | 0.375 | ng | | 99 |
| 18) Fluorene | 15.522 | 166 | 13226 | 0.385 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198 | 694 | 0.373 | ng | | 97 |
| 21) 4-Bromophenyl-phenylether | 16.416 | 248 | 4110 | 0.356 | ng | | 100 |
| 22) Hexachlorobenzene | 16.540 | 284 | 5400 | 0.386 | ng | | 99 |
| 23) Atrazine | 16.677 | 200 | 2979 | 0.339 | ng | # | 87 |
| 24) Pentachlorophenol | 16.875 | 266 | 1599 | 0.333 | ng | | 95 |
| 25) Phenanthrene | 17.260 | 178 | 21385 | 0.367 | ng | | 100 |
| 26) Anthracene | 17.359 | 178 | 17791 | 0.352 | ng | | 100 |
| 28) Fluoranthene | 19.285 | 202 | 23036 | 0.359 | ng | | 99 |
| 30) Pyrene | 19.647 | 202 | 22662 | 0.367 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.384 | 228 | 19693 | 0.360 | ng | | 100 |
| 33) Chrysene | 21.438 | 228 | 22733 | 0.384 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149 | 7423 | 0.343 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.109 | 276 | 26646 | 0.393 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.028 | 252 | 23575 | 0.368 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.075 | 252 | 24415 | 0.379 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.630 | 252 | 18325 | 0.362 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.124 | 278 | 20887 | 0.394 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.835 | 276 | 21736 | 0.391 | ng | | 98 |

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

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