Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
Data File : BN037863.D
Acq On : 23 Sep 2025 13:25
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 23 16:21:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:17:53 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.825 | 152 | 5584 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 15792 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.473 | 164 | 8247 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.223 | 188 | 15939 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.402 | 240 | 13579 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.727 | 264 | 12579 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 4779 | 0.375 | ng | | 0.00 |
| 5) Phenol-d6 | 6.973 | 99 | 6244 | 0.373 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.971 | 82 | 4566 | 0.379 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.217 | 152 | 7877 | 0.359 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.969 | 330 | 1117 | 0.336 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.094 | 172 | 12861 | 0.381 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.253 | 212 | 14130 | 0.352 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.852 | 244 | 10222 | 0.378 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.297 | 88 | 2288 | 0.404 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.601 | 42 | 2885 | 0.383 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.240 | 93 | 6041 | 0.389 | ng | | 100 |
| 9) Naphthalene | 10.669 | 128 | 16547 | 0.380 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 2874 | 0.387 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.293 | 142 | 10542 | 0.371 | ng | | 100 |
| 16) Acenaphthylene | 14.195 | 152 | 13712 | 0.366 | ng | | 100 |
| 17) Acenaphthene | 14.537 | 154 | 9880 | 0.370 | ng | | 100 |
| 18) Fluorene | 15.523 | 166 | 11975 | 0.371 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198 | 696 | 0.406 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.416 | 248 | 3896 | 0.375 | ng | | 100 |
| 22) Hexachlorobenzene | 16.540 | 284 | 4854 | 0.385 | ng | | 100 |
| 23) Atrazine | 16.689 | 200 | 2739 | 0.346 | ng | | 100 |
| 24) Pentachlorophenol | 16.875 | 266 | 1466 | 0.339 | ng | | 100 |
| 25) Phenanthrene | 17.260 | 178 | 19609 | 0.374 | ng | | 100 |
| 26) Anthracene | 17.360 | 178 | 16310 | 0.358 | ng | | 100 |
| 28) Fluoranthene | 19.285 | 202 | 20902 | 0.362 | ng | | 100 |
| 30) Pyrene | 19.647 | 202 | 20652 | 0.385 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.384 | 228 | 17571 | 0.370 | ng | | 100 |
| 33) Chrysene | 21.438 | 228 | 19852 | 0.387 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.322 | 149 | 6617 | 0.352 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.107 | 276 | 20858 | 0.363 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.025 | 252 | 20638 | 0.380 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.072 | 252 | 20090 | 0.368 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.625 | 252 | 15479 | 0.361 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.118 | 278 | 16392 | 0.365 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.829 | 276 | 17656 | 0.374 | ng | | 100 |

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

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