Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
Data File : BN037445.D
Acq On : 09 Jul 2025 18:49
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 10 00:28:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:27:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.739 | 152 | 2631 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.519 | 136 | 6794 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.366 | 164 | 3458 | 0.400 | ng | # 0.00 |
| 19) Phenanthrene-d10 | 17.099 | 188 | 6268 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.286 | 240 | 4994 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.531 | 264 | 5232 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.319 | 112 | 2931 | 0.649 | ng | 0.00 |
| 5) Phenol-d6 | 6.894 | 99 | 3612 | 0.557 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 1773 | 0.294 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.111 | 152 | 3593 | 0.407 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.845 | 330 | 548 | 0.961 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.993 | 172 | 7393 | 0.373 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.136 | 212 | 5975 | 0.373 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.740 | 244 | 4204 | 0.392 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.254 | 88 | 1040 | 0.389 | ng | # 86 |
| 3) n-Nitrosodimethylamine | 3.557 | 42 | 1134 | 0.287 | ng | # 64 |
| 6) bis(2-Chloroethyl)ether | 7.161 | 93 | 2758 | 0.416 | ng | 91 |
| 9) Naphthalene | 10.562 | 128 | 7163 | 0.376 | ng | 98 |
| 10) Hexachlorobutadiene | 10.872 | 225 | 1451 | 0.382 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 4578 | 0.396 | ng | 97 |
| 16) Acenaphthylene | 14.077 | 152 | 6329 | 0.360 | ng | 99 |
| 17) Acenaphthene | 14.430 | 154 | 4071 | 0.361 | ng | # 93 |
| 18) Fluorene | 15.414 | 166 | 5069 | 0.355 | ng | 96 |
| 20) 4,6-Dinitro-2-methylph... | 15.478 | 198 | 184 | 0.329 | ng | # 67 |
| 21) 4-Bromophenyl-phenylether | 16.304 | 248 | 1598 | 0.395 | ng | # 84 |
| 22) Hexachlorobenzene | 16.416 | 284 | 1974 | 0.391 | ng | # 87 |
| 23) Atrazine | 16.577 | 200 | 772 | 0.686 | ng | 95 |
| 24) Pentachlorophenol | 16.751 | 266 | 779 | 0.832 | ng | 96 |
| 25) Phenanthrene | 17.148 | 178 | 7321 | 0.349 | ng | 98 |
| 26) Anthracene | 17.235 | 178 | 6812 | 0.365 | ng | 99 |
| 28) Fluoranthene | 19.164 | 202 | 8174 | 0.364 | ng | 100 |
| 30) Pyrene | 19.526 | 202 | 8162 | 0.360 | ng | 99 |
| 32) Benzo(a)anthracene | 21.277 | 228 | 6738 | 0.386 | ng | 99 |
| 33) Chrysene | 21.322 | 228 | 7121 | 0.372 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.232 | 149 | 1415 | 0.342 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.805 | 276 | 7314 | 0.365 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.858 | 252 | 7017 | 0.319 | ng | 100 |
| 38) Benzo(k)fluoranthene | 22.905 | 252 | 7147 | 0.320 | ng | 99 |
| 39) Benzo(a)pyrene | 23.434 | 252 | 5747 | 0.341 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.826 | 278 | 5894 | 0.400 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 26.495 | 276 | 6400 | 0.363 | ng | 98 |

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

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