Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037257.D
Acq On : 14 Jun 2025 10:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Jun 16 01:01:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.575 | 152 | 1123 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.351 | 136 | 2673 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.224 | 164 | 1354 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.971 | 188 | 2362 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.179 | 240 | 1800 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.362 | 264 | 1888 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.170 | 112 | 1085 | 0.393 | ng | | 0.00 |
| 5) Phenol-d6 | 6.759 | 99 | 1128 | 0.388 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.728 | 82 | 1072 | 0.406 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.950 | 152 | 1489 | 0.415 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.730 | 330 | 229 | 0.407 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.848 | 172 | 2320 | 0.408 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.012 | 212 | 2499 | 0.404 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.625 | 244 | 1629 | 0.400 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.104 | 88 | 565 | 0.367 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.422 | 42 | 1468 | 0.418 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.011 | 93 | 1041 | 0.400 | ng | | 93 |
| 9) Naphthalene | 10.404 | 128 | 3065 | 0.396 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.692 | 225 | 789 | 0.419 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.031 | 142 | 1789 | 0.380 | ng | | 98 |
| 16) Acenaphthylene | 13.946 | 152 | 2535 | 0.382 | ng | | 99 |
| 17) Acenaphthene | 14.288 | 154 | 1658 | 0.387 | ng | | 100 |
| 18) Fluorene | 15.282 | 166 | 2058 | 0.374 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198 | 192 | 0.426 | ng | | 89 |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248 | 592 | 0.385 | ng | | 91 |
| 22) Hexachlorobenzene | 16.289 | 284 | 720 | 0.404 | ng | | 99 |
| 23) Atrazine | 16.450 | 200 | 530 | 0.386 | ng | # | 93 |
| 24) Pentachlorophenol | 16.636 | 266 | 343 | 0.392 | ng | | 99 |
| 25) Phenanthrene | 17.021 | 178 | 2864 | 0.382 | ng | | 99 |
| 26) Anthracene | 17.108 | 178 | 2628 | 0.383 | ng | | 98 |
| 28) Fluoranthene | 19.045 | 202 | 3275 | 0.373 | ng | | 99 |
| 30) Pyrene | 19.407 | 202 | 3356 | 0.397 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.162 | 228 | 2378 | 0.391 | ng | | 99 |
| 33) Chrysene | 21.206 | 228 | 3069 | 0.405 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149 | 1780 | 0.393 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.552 | 276 | 3254 | 0.427 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.708 | 252 | 2661 | 0.385 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.751 | 252 | 2970 | 0.373 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.269 | 252 | 2477 | 0.399 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 25.570 | 278 | 2342 | 0.404 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.213 | 276 | 2869 | 0.406 | ng | | 98 |

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

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