Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037545.D
Acq On : 22 Jul 2025 18:41
Operator : RC/JU
Sample : PB168952BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB168952BSD

Quant Time: Jul 23 04:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 1815 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.498 | 136 | 4389 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.355 | 164 | 2110 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.086 | 188 | 4034 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.268 | 240 | 3054 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.508 | 264 | 2644 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.312 | 112 | 1350 | 0.301 | ng | 0.00 |
| 5) Phenol-d6 | 6.887 | 99 | 1563 | 0.278 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.854 | 82 | 1117 | 0.340 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.096 | 152 | 2144 | 0.341 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.833 | 330 | 276 | 0.266 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.978 | 172 | 4388 | 0.400 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.122 | 212 | 3267 | 0.306 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.726 | 244 | 2328 | 0.355 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 523 | 0.300 | ng | # 62 |
| 3) n-Nitrosodimethylamine | 3.543 | 42 | 786 | 0.358 | ng | # 85 |
| 6) bis(2-Chloroethyl)ether | 7.147 | 93 | 1493 | 0.319 | ng | 97 |
| 9) Naphthalene | 10.552 | 128 | 3916 | 0.335 | ng | 98 |
| 10) Hexachlorobutadiene | 10.850 | 225 | 1044 | 0.404 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.172 | 142 | 2196 | 0.285 | ng | 96 |
| 16) Acenaphthylene | 14.067 | 152 | 3466 | 0.367 | ng | 99 |
| 17) Acenaphthene | 14.409 | 154 | 2148 | 0.334 | ng | 97 |
| 18) Fluorene | 15.403 | 166 | 2703 | 0.327 | ng | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198 | 158 | 0.380 | ng | 91 |
| 21) 4-Bromophenyl-phenylether | 16.292 | 248 | 840 | 0.325 | ng | 94 |
| 22) Hexachlorobenzene | 16.404 | 284 | 1231 | 0.369 | ng | 98 |
| 23) Atrazine | 16.565 | 200 | 535 | 0.297 | ng | 92 |
| 24) Pentachlorophenol | 16.739 | 266 | 608 | 0.406 | ng | 98 |
| 25) Phenanthrene | 17.136 | 178 | 4083 | 0.338 | ng | 99 |
| 26) Anthracene | 17.223 | 178 | 3611 | 0.327 | ng | 99 |
| 28) Fluoranthene | 19.150 | 202 | 4137 | 0.297 | ng | 98 |
| 30) Pyrene | 19.513 | 202 | 4042 | 0.329 | ng | 100 |
| 32) Benzo(a)anthracene | 21.259 | 228 | 3607 | 0.337 | ng | 99 |
| 33) Chrysene | 21.304 | 228 | 3931 | 0.353 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149 | 1418 | 0.295 | ng | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 25.768 | 276 | 3827 | 0.348 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.835 | 252 | 3530 | 0.352 | ng | 94 |
| 38) Benzo(k)fluoranthene | 22.882 | 252 | 3802 | 0.367 | ng | 96 |
| 39) Benzo(a)pyrene | 23.408 | 252 | 3017 | 0.360 | ng | 92 |
| 40) Dibenzo(a,h)anthracene | 25.788 | 278 | 3088 | 0.346 | ng | 92 |
| 41) Benzo(g,h,i)perylene | 26.458 | 276 | 3439 | 0.373 | ng | 98 |

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

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