Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037337.D
Acq On : 19 Jun 2025 05:54
Operator : RC/JU
Sample : PB168508BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB168508BS

**Manual Integrations APPROVED**

Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 19 06:28:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.568 | 152 | 1288 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.340 | 136 | 2690 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.213 | 164 | 1686 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.971 | 188 | 3212 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.171 | 240 | 3029 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.354 | 264 | 3232 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.170 | 112 | 825 | 0.352 | ng | 0.00 |
| 5) Phenol-d6 | 6.752 | 99 | 802 | 0.348 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.717 | 82 | 760 | 0.339 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.945 | 152 | 1622m | 0.371 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.718 | 330 | 329 | 0.265 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.838 | 172 | 2716 | 0.368 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.008 | 212 | 3351 | 0.329 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.616 | 244 | 2523 | 0.363 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.104 | 88 | 501 | 0.436 | ng | # 44 |
| 3) n-Nitrosodimethylamine | 3.415 | 42 | 455 | 0.341 | ng | 90 |
| 6) bis(2-Chloroethyl)ether | 7.004 | 93 | 760 | 0.386 | ng | 100 |
| 9) Naphthalene | 10.394 | 128 | 2428 | 0.349 | ng | # 92 |
| 10) Hexachlorobutadiene | 10.682 | 225 | 1119 | 0.318 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.021 | 142 | 1521 | 0.310 | ng | 96 |
| 16) Acenaphthylene | 13.935 | 152 | 2681 | 0.378 | ng | 98 |
| 17) Acenaphthene | 14.277 | 154 | 1575 | 0.334 | ng | 99 |
| 18) Fluorene | 15.271 | 166 | 2259 | 0.338 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198 | 302 | 0.306 | ng | 89 |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248 | 914 | 0.343 | ng | 96 |
| 22) Hexachlorobenzene | 16.276 | 284 | 1066 | 0.382 | ng | 93 |
| 23) Atrazine | 16.450 | 200 | 743 | 0.357 | ng | # 89 |
| 24) Pentachlorophenol | 16.624 | 266 | 250 | 0.162 | ng | 94 |
| 25) Phenanthrene | 17.009 | 178 | 3326 | 0.368 | ng | 99 |
| 26) Anthracene | 17.108 | 178 | 3130 | 0.369 | ng | 100 |
| 28) Fluoranthene | 19.040 | 202 | 4162 | 0.331 | ng | 99 |
| 30) Pyrene | 19.402 | 202 | 4189 | 0.363 | ng | 99 |
| 32) Benzo(a)anthracene | 21.153 | 228 | 3675 | 0.377 | ng | 99 |
| 33) Chrysene | 21.206 | 228 | 4517 | 0.363 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149 | 1537 | 0.384 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.541 | 276 | 5500 | 0.405 | ng | # 93 |
| 37) Benzo(b)fluoranthene | 22.702 | 252 | 4039 | 0.358 | ng | 98 |
| 38) Benzo(k)fluoranthene | 22.746 | 252 | 4639 | 0.374 | ng | 96 |
| 39) Benzo(a)pyrene | 23.260 | 252 | 4040 | 0.386 | ng | 96 |
| 40) Dibenzo(a,h)anthracene | 25.555 | 278 | 4089 | 0.375 | ng | # 88 |
| 41) Benzo(g,h,i)perylene | 26.204 | 276 | 4647 | 0.373 | ng | 97 |

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

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