Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037280.D
Acq On : 15 Jun 2025 02:42
Operator : RC/JU
Sample : PB168476BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Jun 16 02:47:13 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

**Instrument :**
BNA_N
**ClientSampleId :**
PB168476BS

**Manual Integrations APPROVED**

Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.575 | 152 | 1101 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.351 | 136 | 2637 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.224 | 164 | 1350 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.971 | 188 | 2251 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.171 | 240 | 1528 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.357 | 264 | 1224 | 0.400 | ng | | # 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.177 | 112 | 961 | 0.355 | ng | | 0.00 |
| 5) Phenol-d6 | 6.759 | 99 | 1013 | 0.355 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.728 | 82 | 979 | 0.376 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.950 | 152 | 1523m | 0.430 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.730 | 330 | 198 | 0.353 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.843 | 172 | 2195 | 0.387 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.012 | 212 | 1999 | 0.339 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.621 | 244 | 1313 | 0.380 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.104 | 88 | 447 | 0.296 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 3.415 | 42 | 1294 | 0.376 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.012 | 93 | 958 | 0.375 | ng | | 95 |
| 9) Naphthalene | 10.404 | 128 | 2899 | 0.380 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.693 | 225 | 744 | 0.401 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.026 | 142 | 1579 | 0.340 | ng | | 98 |
| 16) Acenaphthylene | 13.935 | 152 | 2642 | 0.399 | ng | | 99 |
| 17) Acenaphthene | 14.288 | 154 | 1561 | 0.366 | ng | | 98 |
| 18) Fluorene | 15.282 | 166 | 1981 | 0.361 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.378 | 198 | 205 | 0.463 | ng | | 87 |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248 | 566 | 0.386 | ng | | 89 |
| 22) Hexachlorobenzene | 16.289 | 284 | 682 | 0.401 | ng | | 98 |
| 23) Atrazine | 16.463 | 200 | 212 | 0.162 | ng | # | 81 |
| 24) Pentachlorophenol | 16.636 | 266 | 600 | 0.720 | ng | | 97 |
| 25) Phenanthrene | 17.009 | 178 | 2688 | 0.377 | ng | | 99 |
| 26) Anthracene | 17.108 | 178 | 2516 | 0.385 | ng | | 98 |
| 28) Fluoranthene | 19.040 | 202 | 2829 | 0.339 | ng | | 99 |
| 30) Pyrene | 19.403 | 202 | 2773 | 0.386 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.153 | 228 | 1878 | 0.364 | ng | | 99 |
| 33) Chrysene | 21.207 | 228 | 2594 | 0.404 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149 | 1471 | 0.383 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.547 | 276 | 2405 | 0.487 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.702 | 252 | 2018 | 0.451 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 22.746 | 252 | 2286 | 0.442 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.260 | 252 | 1793 | 0.445 | ng | | 94 |
| 40) Dibenzo(a,h)anthracene | 25.561 | 278 | 1876 | 0.500 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.210 | 276 | 2136 | 0.467 | ng | | 96 |

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

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