Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
Data File : BN035998.D
Acq On : 20 Jan 2025 14:38
Operator : RC/JU
Sample : PB166108BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 20 15:10:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB166108BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.817 | 152 | 2154 | 0.400 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.611 | 136 | 4363 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.452 | 164 | 2173 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.186 | 188 | 4379 | 0.400 | ng | | #-0.02 |
| 29) Chrysene-d12 | 21.367 | 240 | 4015 | 0.400 | ng | | -0.02 |
| 35) Perylene-d12 | 23.663 | 264 | 4099 | 0.400 | ng | | #-0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.398 | 112 | 2207 | 0.418 | ng | | -0.01 |
| 5) Phenol-d6 | 6.972 | 99 | 2534 | 0.386 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.956 | 82 | 1840 | 0.533 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.198 | 152 | 2490 | 0.426 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.933 | 330 | 469 | 0.450 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 13.073 | 172 | 4059 | 0.426 | ng | | -0.02 |
| 27) Fluoranthene-d10 | 19.216 | 212 | 4814 | 0.443 | ng | | -0.02 |
| 31) Terphenyl-d14 | 19.815 | 244 | 3584 | 0.448 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 810 | 0.379 | ng | # | 74 |
| 3) n-Nitrosodimethylamine | 3.614 | 42 | 1712 | 0.459 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.239 | 93 | 2482 | 0.496 | ng | | 97 |
| 9) Naphthalene | 10.654 | 128 | 5221 | 0.426 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.953 | 225 | 1557 | 0.392 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.274 | 142 | 3281 | 0.433 | ng | | 99 |
| 16) Acenaphthylene | 14.164 | 152 | 4595 | 0.449 | ng | | 100 |
| 17) Acenaphthene | 14.506 | 154 | 2953 | 0.440 | ng | | 99 |
| 18) Fluorene | 15.500 | 166 | 3538 | 0.479 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.560 | 198 | 290 | 0.381 | ng | | 97 |
| 21) 4-Bromophenyl-phenylether | 16.380 | 248 | 1238 | 0.412 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.504 | 284 | 1631 | 0.398 | ng | | 97 |
| 23) Atrazine | 16.653 | 200 | 1013 | 0.503 | ng | # | 85 |
| 24) Pentachlorophenol | 16.839 | 266 | 1173 | 0.809 | ng | | 97 |
| 25) Phenanthrene | 17.224 | 178 | 5634 | 0.441 | ng | | 99 |
| 26) Anthracene | 17.323 | 178 | 5206 | 0.448 | ng | | 98 |
| 28) Fluoranthene | 19.248 | 202 | 6317 | 0.424 | ng | | 98 |
| 30) Pyrene | 19.611 | 202 | 6564 | 0.403 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.349 | 228 | 6038 | 0.427 | ng | | 98 |
| 33) Chrysene | 21.403 | 228 | 6127 | 0.414 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 3249 | 0.564 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.002 | 276 | 6731 | 0.416 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.970 | 252 | 6002m | 0.426 | ng | | |
| 38) Benzo(k)fluoranthene | 23.014 | 252 | 6168 | 0.442 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.561 | 252 | 5550 | 0.455 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.017 | 278 | 5340 | 0.415 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.712 | 276 | 5293 | 0.368 | ng | | 98 |

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

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