Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036554.D
Acq On : 07 Mar 2025 19:14
Operator : RC/JU
Sample : PB167026BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB167026BSD

**Manual Integrations APPROVED**
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 22:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 1849 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.519 | 136 | 4193 | 0.400 | ng | 0.01 |
| 13) Acenaphthene-d10 | 14.366 | 164 | 2290 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.111 | 188 | 4467 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.304 | 240 | 3434 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.560 | 264 | 3064 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.319 | 112 | 1829 | 0.418 | ng | 0.00 |
| 5) Phenol-d6 | 6.908 | 99 | 2041 | 0.398 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 1750 | 0.423 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.111 | 152 | 3365 | 0.522 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.870 | 330 | 315 | 0.277 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 12.993 | 172 | 5403 | 0.627 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.146 | 212 | 5095 | 0.410 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.749 | 244 | 3482 | 0.475 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 805 | 0.398 | ng | # 66 |
| 3) n-Nitrosodimethylamine | 3.550 | 42 | 1666 | 0.474 | ng | # 92 |
| 6) bis(2-Chloroethyl)ether | 7.154 | 93 | 2141 | 0.399 | ng | 96 |
| 9) Naphthalene | 10.562 | 128 | 5154 | 0.426 | ng | 98 |
| 10) Hexachlorobutadiene | 10.850 | 225 | 1274 | 0.433 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.187 | 142 | 3223 | 0.406 | ng | 96 |
| 16) Acenaphthylene | 14.088 | 152 | 5098 | 0.504 | ng | 100 |
| 17) Acenaphthene | 14.430 | 154 | 3203 | 0.474 | ng | 99 |
| 18) Fluorene | 15.414 | 166 | 4116 | 0.428 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.510 | 198 | 276 | 0.315 | ng | # 77 |
| 21) 4-Bromophenyl-phenylether | 16.317 | 248 | 1192 | 0.447 | ng | # 83 |
| 22) Hexachlorobenzene | 16.428 | 284 | 1501 | 0.456 | ng | 93 |
| 23) Atrazine | 16.590 | 200 | 1025 | 0.461 | ng | 98 |
| 24) Pentachlorophenol | 16.776 | 266 | 850 | 0.544 | ng | 98 |
| 25) Phenanthrene | 17.148 | 178 | 6201 | 0.480 | ng | 100 |
| 26) Anthracene | 17.248 | 178 | 5702 | 0.501 | ng | 99 |
| 28) Fluoranthene | 19.178 | 202 | 7047 | 0.444 | ng | 99 |
| 30) Pyrene | 19.540 | 202 | 7261 | 0.549 | ng | 100 |
| 32) Benzo(a)anthracene | 21.286 | 228 | 5246 | 0.464 | ng | 99 |
| 33) Chrysene | 21.339 | 228 | 6485 | 0.530 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149 | 3215 | 0.457 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.849 | 276 | 5581 | 0.521 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.879 | 252 | 4988 | 0.494 | ng | 95 |
| 38) Benzo(k)fluoranthene | 22.923 | 252 | 5888m | 0.567 | ng | |
| 39) Benzo(a)pyrene | 23.461 | 252 | 4693 | 0.533 | ng | # 91 |
| 40) Dibenzo(a,h)anthracene | 25.870 | 278 | 4147 | 0.491 | ng | # 91 |
| 41) Benzo(g,h,i)perylene | 26.536 | 276 | 4586 | 0.479 | ng | 96 |

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

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