Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036455.D
Acq On : 13 Feb 2025 00:11
Operator : RC/JU
Sample : PB166675BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 13 00:42:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB166675BSD

**Manual Integrations APPROVED**

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.753 | 152 | 2803 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.541 | 136 | 6953 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.387 | 164 | 4239 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.136 | 188 | 9433 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.322 | 240 | 6681 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.589 | 264 | 5828 | 0.400 | ng | # | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.348 | 112 | 2615 | 0.395 | ng | | 0.00 |
| 5) Phenol-d6 | 6.930 | 99 | 2982 | 0.384 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.897 | 82 | 2342 | 0.341 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.131 | 152 | 4140m | 0.387 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.882 | 330 | 658 | 0.313 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.008 | 172 | 6074 | 0.381 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.164 | 212 | 8652 | 0.330 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.768 | 244 | 5925 | 0.415 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.268 | 88 | 922 | 0.301 | ng | # | 69 |
| 3) n-Nitrosodimethylamine | 3.572 | 42 | 1831 | 0.344 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.175 | 93 | 2923 | 0.360 | ng | | 99 |
| 9) Naphthalene | 10.584 | 128 | 7093 | 0.354 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.882 | 225 | 1695 | 0.347 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.207 | 142 | 4591 | 0.349 | ng | | 99 |
| 16) Acenaphthylene | 14.110 | 152 | 7183 | 0.384 | ng | | 99 |
| 17) Acenaphthene | 14.452 | 154 | 4578 | 0.366 | ng | | 99 |
| 18) Fluorene | 15.435 | 166 | 6496 | 0.365 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 572 | 0.309 | ng | | 85 |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248 | 1996 | 0.355 | ng | # | 85 |
| 22) Hexachlorobenzene | 16.441 | 284 | 2519 | 0.362 | ng | | 98 |
| 23) Atrazine | 16.602 | 200 | 1659 | 0.353 | ng | | 94 |
| 24) Pentachlorophenol | 16.788 | 266 | 1375 | 0.417 | ng | | 99 |
| 25) Phenanthrene | 17.173 | 178 | 10071 | 0.369 | ng | | 100 |
| 26) Anthracene | 17.260 | 178 | 9213 | 0.383 | ng | | 100 |
| 28) Fluoranthene | 19.197 | 202 | 11075 | 0.331 | ng | | 100 |
| 30) Pyrene | 19.559 | 202 | 11367 | 0.442 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.304 | 228 | 8431 | 0.383 | ng | | 99 |
| 33) Chrysene | 21.357 | 228 | 9478 | 0.398 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.232 | 149 | 5132 | 0.375 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.884 | 276 | 7446 | 0.366 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.902 | 252 | 7169 | 0.374 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 22.949 | 252 | 8031 | 0.407 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.490 | 252 | 6762 | 0.404 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 25.905 | 278 | 5905 | 0.367 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.580 | 276 | 6109m | 0.335 | ng | | |

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

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