Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033273.D
Acq On : 06 Aug 2024 14:55
Operator : MA/JU
Sample : PB162490BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 15:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB162490BSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.561 | 152 | 699m | 0.400 | ng | 0.05 |
| 7) Naphthalene-d8 | 10.340 | 136 | 2758 | 0.400 | ng | 0.02 |
| 13) Acenaphthene-d10 | 14.137 | 164 | 1926 | 0.400 | ng | 0.01 |
| 19) Phenanthrene-d10 | 16.933 | 188 | 4480 | 0.400 | ng | 0.01 |
| 29) Chrysene-d12 | 21.134 | 240 | 4687 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.309 | 264 | 5795 | 0.400 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.416 | 112 | 742m | 0.429 | ng | 0.12 |
| 5) Phenol-d6 | 7.048 | 99 | 1003m | 0.422 | ng | 0.06 |
| 8) Nitrobenzene-d5 | 8.984 | 82 | 772 | 0.348 | ng | 0.06 |
| 11) 2-Methylnaphthalene-d10 | 11.950 | 152 | 1501 | 0.367 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.729 | 330 | 299 | 0.417 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 12.822 | 172 | 2596 | 0.394 | ng | 0.02 |
| 27) Fluoranthene-d10 | 18.964 | 212 | 4942 | 0.394 | ng | 0.01 |
| 31) Terphenyl-d14 | 19.568 | 244 | 3289 | 0.406 | ng | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.047 | 88 | 482 | 0.387 | ng | # 85 |
| 3) n-Nitrosodimethylamine | 3.494 | 42 | 251m | 0.294 | ng | |
| 6) bis(2-Chloroethyl)ether | 7.134 | 93 | 1613m | 0.805 | ng | |
| 9) Naphthalene | 10.394 | 128 | 3019 | 0.403 | ng | 95 |
| 10) Hexachlorobutadiene | 10.522 | 225 | 603 | 0.433 | ng | # 98 |
| 12) 2-Methylnaphthalene | 12.030 | 142 | 1496 | 0.335 | ng | 97 |
| 16) Acenaphthylene | 13.880 | 152 | 2958 | 0.385 | ng | 99 |
| 17) Acenaphthene | 14.201 | 154 | 2309 | 0.416 | ng | 99 |
| 18) Fluorene | 15.227 | 166 | 3080 | 0.410 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.604 | 198 | 90 | 0.354 | ng | 85 |
| 21) 4-Bromophenyl-phenylether | 16.126 | 248 | 938 | 0.395 | ng | 97 |
| 22) Hexachlorobenzene | 16.200 | 284 | 1034 | 0.417 | ng | 97 |
| 23) Atrazine | 16.424 | 200 | 814 | 0.364 | ng | 95 |
| 24) Pentachlorophenol | 16.647 | 266 | 280 | 0.337 | ng | 93 |
| 25) Phenanthrene | 16.970 | 178 | 4622 | 0.384 | ng | 100 |
| 26) Anthracene | 17.094 | 178 | 3452 | 0.342 | ng | # 88 |
| 28) Fluoranthene | 18.997 | 202 | 6285 | 0.380 | ng | 99 |
| 30) Pyrene | 19.364 | 202 | 6699 | 0.409 | ng | 99 |
| 32) Benzo(a)anthracene | 21.134 | 228 | 4405 | 0.326 | ng | 97 |
| 33) Chrysene | 21.178 | 228 | 8223 | 0.453 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149 | 1639 | 0.505 | ng | # 89 |
| 36) Indeno(1,2,3-cd)pyrene | 25.504 | 276 | 9137 | 0.349 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.660 | 252 | 6426 | 0.366 | ng | 98 |
| 38) Benzo(k)fluoranthene | 22.707 | 252 | 8817 | 0.401 | ng | 98 |
| 39) Benzo(a)pyrene | 23.233 | 252 | 6890 | 0.390 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.504 | 278 | 7145 | 0.345 | ng | 94 |
| 41) Benzo(g,h,i)perylene | 26.174 | 276 | 8498 | 0.358 | ng | 98 |

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

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