Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030781.D
Acq On : 08 Apr 2024 22:39
Operator : MA/JU
Sample : PB160073BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB160073BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:27:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.682 | 152 | 6208 | 0.400 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.464 | 136 | 19279 | 0.400 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.327 | 164 | 12177 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.078 | 188 | 30448 | 0.400 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.267 | 240 | 26720 | 0.400 | ng | | -0.02 |
| 35) Perylene-d12 | 23.504 | 264 | 22488 | 0.400 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.285 | 112 | 5926 | 0.438 | ng | | -0.01 |
| 5) Phenol-d6 | 6.859 | 99 | 6542 | 0.376 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.830 | 82 | 4083 | 0.301 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.058 | 152 | 11050m | 0.375 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.824 | 330 | 1831 | 0.398 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.948 | 172 | 13984 | 0.297 | ng | | -0.02 |
| 27) Fluoranthene-d10 | 19.108 | 212 | 25503 | 0.311 | ng | | -0.02 |
| 31) Terphenyl-d14 | 19.711 | 244 | 21252 | 0.344 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.219 | 88 | 2285 | 0.305 | ng | # | 29 |
| 3) n-Nitrosodimethylamine | 3.530 | 42 | 1940 | 0.268 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 7.119 | 93 | 5478 | 0.319 | ng | | 96 |
| 9) Naphthalene | 10.517 | 128 | 16438 | 0.308 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.795 | 225 | 3133 | 0.287 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.134 | 142 | 10935 | 0.312 | ng | | 100 |
| 16) Acenaphthylene | 14.038 | 152 | 16057 | 0.291 | ng | | 99 |
| 17) Acenaphthene | 14.381 | 154 | 10991 | 0.288 | ng | | 99 |
| 18) Fluorene | 15.375 | 166 | 15375 | 0.309 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 820 | 0.347 | ng | # | 90 |
| 21) 4-Bromophenyl-phenylether | 16.271 | 248 | 4966 | 0.270 | ng | # | 79 |
| 22) Hexachlorobenzene | 16.370 | 284 | 6124 | 0.279 | ng | | 99 |
| 23) Atrazine | 16.556 | 200 | 3289 | 0.246 | ng | | 99 |
| 24) Pentachlorophenol | 16.718 | 266 | 1763 | 0.366 | ng | | 98 |
| 25) Phenanthrene | 17.115 | 178 | 27239 | 0.302 | ng | | 97 |
| 26) Anthracene | 17.202 | 178 | 21470 | 0.283 | ng | | 99 |
| 28) Fluoranthene | 19.135 | 202 | 31661 | 0.295 | ng | | 100 |
| 30) Pyrene | 19.502 | 202 | 34834 | 0.333 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.249 | 228 | 28196 | 0.298 | ng | | 99 |
| 33) Chrysene | 21.303 | 228 | 29613 | 0.292 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.187 | 149 | 14995 | 0.365 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.764 | 276 | 25068 | 0.252 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.832 | 252 | 30216m | 0.330 | ng | | |
| 38) Benzo(k)fluoranthene | 22.872 | 252 | 27782 | 0.303 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.407 | 252 | 23118 | 0.316 | ng | # | 90 |
| 40) Dibenzo(a,h)anthracene | 25.782 | 278 | 19414 | 0.246 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.454 | 276 | 21330 | 0.251 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030781.D
Acq On : 08 Apr 2024 22:39
Operator : MA/JU
Sample : PB160073BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 04:27:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB160073BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024