Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018191.D
Acq On : 23 Dec 2021 22:38
Operator : CG/JU
Sample : PB141183BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 24 23:32:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB141183BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.633 | 152 | 35343 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.394 | 136 | 151720 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.256 | 164 | 91351 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.993 | 188 | 190155 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.185 | 240 | 185040 | 0.400 | ng | #-0.01 |
| 35) Perylene-d12 | 23.419 | 264 | 162783 | 0.400 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.263 | 112 | 16357 | 0.212 | ng | 0.04 |
| 5) Phenol-d6 | 6.822 | 99 | 17040 | 0.206 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.772 | 82 | 21507 | 0.211 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.994 | 152 | 58738m | 0.225 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.753 | 330 | 7062 | 0.299 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.873 | 172 | 75564 | 0.221 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.033 | 212 | 107595 | 0.179 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.639 | 244 | 89553 | 0.220 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.207 | 88 | 5015m | 0.236 | ng | |
| 3) n-Nitrosodimethylamine | 3.511 | 42 | 8528 | 0.276 | ng | # 94 |
| 6) bis(2-Chloroethyl)ether | 7.061 | 93 | 22714 | 0.255 | ng | 99 |
| 9) Naphthalene | 10.445 | 128 | 88227 | 0.236 | ng | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 23370 | 0.235 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.069 | 142 | 61165 | 0.247 | ng | 99 |
| 16) Acenaphthylene | 13.964 | 152 | 82127 | 0.242 | ng | 100 |
| 17) Acenaphthene | 14.319 | 154 | 55124 | 0.233 | ng | 99 |
| 18) Fluorene | 15.296 | 166 | 69000 | 0.237 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198 | 1181 | 0.246 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248 | 25983 | 0.223 | ng | # 76 |
| 22) Hexachlorobenzene | 16.312 | 284 | 31822 | 0.231 | ng | 99 |
| 23) Atrazine | 16.470 | 200 | 16792 | 0.278 | ng | 98 |
| 24) Pentachlorophenol | 16.665 | 266 | 9621 | 0.448 | ng | 99 |
| 25) Phenanthrene | 17.030 | 178 | 114461 | 0.227 | ng | 100 |
| 26) Anthracene | 17.127 | 178 | 99965 | 0.240 | ng | 100 |
| 28) Fluoranthene | 19.063 | 202 | 135493 | 0.230 | ng | 100 |
| 30) Pyrene | 19.425 | 202 | 135026 | 0.227 | ng | 100 |
| 32) Benzo(a)anthracene | 21.174 | 228 | 122861 | 0.229 | ng | 99 |
| 33) Chrysene | 21.227 | 228 | 139367 | 0.238 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149 | 40559 | 0.400 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.678 | 276 | 104948 | 0.223 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.748 | 252 | 118300 | 0.235 | ng | 100 |
| 38) Benzo(k)fluoranthene | 22.793 | 252 | 125029 | 0.246 | ng | 100 |
| 39) Benzo(a)pyrene | 23.320 | 252 | 105928 | 0.234 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.699 | 278 | 77501 | 0.222 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.370 | 276 | 95063 | 0.219 | ng | 100 |

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

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