Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019980.D
Acq On : 26 May 2022 19:05
Operator : CG/JU
Sample : PB144985BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB144985BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:07:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.847 | 152 | 4550 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 15102 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 8914 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 17021 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.395 | 240 | 10304 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.738 | 264 | 8706 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 5227 | 0.459 | ng | | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 6680 | 0.468 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 4928 | 0.432 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.227 | 152 | 10932 | 0.416 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 1084 | 0.308 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 15994 | 0.411 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.240 | 212 | 17187 | 0.355 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.839 | 244 | 11848 | 0.488 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 2069 | 0.383 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.673 | 42 | 2316 | 0.392 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.277 | 93 | 5552 | 0.400 | ng | | 99 |
| 9) Naphthalene | 10.690 | 128 | 18831 | 0.411 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.989 | 225 | 3446 | 0.413 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.299 | 142 | 12910 | 0.413 | ng | | 99 |
| 16) Acenaphthylene | 14.185 | 152 | 17826m | 0.426 | ng | | |
| 17) Acenaphthene | 14.527 | 154 | 12088 | 0.391 | ng | | 96 |
| 18) Fluorene | 15.511 | 166 | 15134 | 0.387 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198 | 276 | 0.113 | ng | # | 50 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 4571 | 0.440 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.528 | 284 | 5149 | 0.447 | ng | | 100 |
| 23) Atrazine | 16.672 | 200 | 2893 | 0.426 | ng | | 97 |
| 24) Pentachlorophenol | 16.867 | 266 | 900 | 0.202 | ng | | 99 |
| 25) Phenanthrene | 17.246 | 178 | 23643 | 0.401 | ng | | 100 |
| 26) Anthracene | 17.338 | 178 | 20020 | 0.402 | ng | | 100 |
| 28) Fluoranthene | 19.270 | 202 | 21962 | 0.348 | ng | | 99 |
| 30) Pyrene | 19.632 | 202 | 21269 | 0.487 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.378 | 228 | 15311 | 0.408 | ng | | 98 |
| 33) Chrysene | 21.431 | 228 | 17169 | 0.408 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 8289 | 0.530 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.138 | 276 | 16165 | 0.396 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 23.027 | 252 | 14848 | 0.391 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 15380 | 0.381 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.633 | 252 | 12186 | 0.407 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.159 | 278 | 12688 | 0.386 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.878 | 276 | 13505 | 0.400 | ng | | 98 |

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

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