Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021954.D
Acq On : 29 Sep 2022 14:37
Operator : CG/JU
Sample : PB147964BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB147964BS

Quant Time: Sep 30 02:44:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:27:15 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.025 | 152 | 4005 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.855 | 136 | 12340 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.686 | 164 | 6645 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.437 | 188 | 13153 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.636 | 240 | 9761 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.132 | 264 | 7504 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.555 | 112 | 3851 | 0.361 | ng | | 0.00 |
| 5) Phenol-d6 | 7.188 | 99 | 4852 | 0.360 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.201 | 82 | 3932 | 0.381 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.448 | 152 | 10727 | 0.403 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.184 | 330 | 970 | 0.341 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.317 | 172 | 11879 | 0.404 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.471 | 212 | 13262 | 0.372 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.060 | 244 | 8808 | 0.408 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.382 | 88 | 2575 | 0.453 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.721 | 42 | 2231 | 0.389 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.448 | 93 | 5104 | 0.388 | ng | | 98 |
| 9) Naphthalene | 10.909 | 128 | 14829 | 0.399 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.186 | 225 | 2701 | 0.418 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.157 | 142 | 2355 | 0.322 | ng | | 99 |
| 16) Acenaphthylene | 14.408 | 152 | 11558 | 0.374 | ng | | 100 |
| 17) Acenaphthene | 14.750 | 154 | 8835 | 0.400 | ng | | 99 |
| 18) Fluorene | 15.724 | 166 | 11036 | 0.399 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.824 | 198 | 617 | 0.363 | ng | # | 11 |
| 21) 4-Bromophenyl-phenylether | 16.618 | 248 | 3237 | 0.390 | ng | | 98 |
| 22) Hexachlorobenzene | 16.742 | 284 | 4096 | 0.425 | ng | | 99 |
| 23) Atrazine | 16.904 | 200 | 2214 | 0.325 | ng | # | 94 |
| 24) Pentachlorophenol | 17.090 | 266 | 1224 | 0.366 | ng | | 97 |
| 25) Phenanthrene | 17.475 | 178 | 17929 | 0.398 | ng | | 100 |
| 26) Anthracene | 17.574 | 178 | 13621 | 0.371 | ng | | 99 |
| 28) Fluoranthene | 19.501 | 202 | 18141 | 0.375 | ng | | 100 |
| 30) Pyrene | 19.863 | 202 | 18903 | 0.419 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.618 | 228 | 14081 | 0.372 | ng | | 100 |
| 33) Chrysene | 21.672 | 228 | 16421 | 0.415 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.529 | 149 | 7180 | 0.316 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.760 | 276 | 16486 | 0.415 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.363 | 252 | 14933 | 0.428 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.412 | 252 | 14325 | 0.421 | ng | | 98 |
| 39) Benzo(a)pyrene | 24.018 | 252 | 11506 | 0.432 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.783 | 278 | 12695 | 0.400 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.567 | 276 | 14407 | 0.416 | ng | | 99 |

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

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