Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030966.D
Acq On : 16 Apr 2024 10:53
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB159883BS

Quant Time: Apr 16 11:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.646 | 152 | 3753 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.421 | 136 | 11175 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.284 | 164 | 6218 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.040 | 188 | 14413 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.231 | 240 | 12458 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.451 | 264 | 12251 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.241 | 112 | 3092 | 0.370 | ng | | 0.00 |
| 5) Phenol-d6 | 6.823 | 99 | 3664 | 0.362 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.798 | 82 | 2814 | 0.364 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.020 | 152 | 6427 | 0.374 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.787 | 330 | 792 | 0.328 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.905 | 172 | 7578 | 0.363 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.075 | 212 | 14315 | 0.369 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.679 | 244 | 10858 | 0.375 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 1654 | 0.358 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.508 | 42 | 1518 | 0.351 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.083 | 93 | 3450 | 0.344 | ng | | 99 |
| 9) Naphthalene | 10.474 | 128 | 11846 | 0.384 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.752 | 225 | 2438 | 0.394 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.096 | 142 | 7634 | 0.373 | ng | | 98 |
| 16) Acenaphthylene | 14.006 | 152 | 9842 | 0.359 | ng | | 100 |
| 17) Acenaphthene | 14.348 | 154 | 7389 | 0.382 | ng | | 99 |
| 18) Fluorene | 15.342 | 166 | 9588 | 0.375 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.428 | 198 | 559 | 0.359 | ng | | 92 |
| 21) 4-Bromophenyl-phenylether | 16.233 | 248 | 3115 | 0.364 | ng | # | 88 |
| 22) Hexachlorobenzene | 16.333 | 284 | 3853 | 0.385 | ng | | 100 |
| 23) Atrazine | 16.506 | 200 | 2100 | 0.339 | ng | | 95 |
| 24) Pentachlorophenol | 16.693 | 266 | 1006 | 0.381 | ng | | 99 |
| 25) Phenanthrene | 17.077 | 178 | 15956 | 0.375 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 12376 | 0.351 | ng | | 100 |
| 28) Fluoranthene | 19.103 | 202 | 18631 | 0.365 | ng | | 100 |
| 30) Pyrene | 19.470 | 202 | 18749 | 0.388 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.222 | 228 | 16439 | 0.379 | ng | | 98 |
| 33) Chrysene | 21.267 | 228 | 18277 | 0.387 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.151 | 149 | 6715 | 0.338 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.682 | 276 | 20955 | 0.368 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.785 | 252 | 19173 | 0.379 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.828 | 252 | 18508 | 0.374 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.352 | 252 | 15223 | 0.362 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.697 | 278 | 16826 | 0.369 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.360 | 276 | 19338 | 0.385 | ng | | 98 |

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

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