Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
Data File : BN031774.D
Acq On : 04 Jun 2024 13:21
Operator : MA/JU
Sample : PB161286BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB161286BSD

Quant Time: Jun 04 13:46:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.682 | 152 | 16295 | 0.400 | ng | | -0.04 |
| 7) Naphthalene-d8 | 10.464 | 136 | 60000 | 0.400 | ng | | #-0.03 |
| 13) Acenaphthene-d10 | 14.317 | 164 | 32578 | 0.400 | ng | | -0.03 |
| 19) Phenanthrene-d10 | 17.066 | 188 | 59670 | 0.400 | ng | | -0.03 |
| 29) Chrysene-d12 | 21.256 | 240 | 36061 | 0.400 | ng | | #-0.02 |
| 35) Perylene-d12 | 23.496 | 264 | 37591 | 0.400 | ng | | #-0.02 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.277 | 112 | 16637 | 0.359 | ng | | -0.02 |
| 5) Phenol-d6 | 6.852 | 99 | 23424 | 0.376 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.830 | 82 | 17099 | 0.397 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.058 | 152 | 32097 | 0.332 | ng | | -0.03 |
| 14) 2,4,6-Tribromophenol | 15.812 | 330 | 3244 | 0.262 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 12.938 | 172 | 45273 | 0.360 | ng | | -0.04 |
| 27) Fluoranthene-d10 | 19.100 | 212 | 43783 | 0.264 | ng | | -0.02 |
| 31) Terphenyl-d14 | 19.704 | 244 | 32011 | 0.363 | ng | | -0.03 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.226 | 88 | 8477 | 0.423 | ng | # | 82 |
| 3) n-Nitrosodimethylamine | 3.537 | 42 | 5913 | 0.299 | ng | | 91 |
| 6) bis(2-Chloroethyl)ether | 7.112 | 93 | 19035 | 0.350 | ng | | 98 |
| 9) Naphthalene | 10.506 | 128 | 56692 | 0.340 | ng | | 96 |
| 10) Hexachlorobutadiene | 10.795 | 225 | 8684 | 0.297 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.134 | 142 | 37330 | 0.328 | ng | | 98 |
| 16) Acenaphthylene | 14.039 | 152 | 51373 | 0.313 | ng | | 100 |
| 17) Acenaphthene | 14.381 | 154 | 33298 | 0.326 | ng | | 98 |
| 18) Fluorene | 15.375 | 166 | 41034 | 0.307 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198 | 464 | 0.095 | ng | # | 57 |
| 21) 4-Bromophenyl-phenylether | 16.259 | 248 | 12465 | 0.357 | ng | # | 82 |
| 22) Hexachlorobenzene | 16.371 | 284 | 12478 | 0.354 | ng | | 98 |
| 23) Atrazine | 16.532 | 200 | 9230 | 0.291 | ng | # | 91 |
| 24) Pentachlorophenol | 16.718 | 266 | 3436 | 0.276 | ng | | 97 |
| 25) Phenanthrene | 17.103 | 178 | 56772 | 0.340 | ng | | 100 |
| 26) Anthracene | 17.202 | 178 | 50334 | 0.305 | ng | | 100 |
| 28) Fluoranthene | 19.133 | 202 | 54063 | 0.266 | ng | | 100 |
| 30) Pyrene | 19.495 | 202 | 54392 | 0.373 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.247 | 228 | 45065 | 0.324 | ng | | 98 |
| 33) Chrysene | 21.291 | 228 | 43237 | 0.326 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149 | 31987 | 0.393 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.756 | 276 | 51380 | 0.343 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.823 | 252 | 46632 | 0.346 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 22.867 | 252 | 43444 | 0.340 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.399 | 252 | 39887 | 0.340 | ng | # | 86 |
| 40) Dibenzo(a,h)anthracene | 25.770 | 278 | 40838 | 0.344 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.449 | 276 | 44058 | 0.345 | ng | | 97 |

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

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