Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020642.D
Acq On : 03 Jul 2022 00:51
Operator : CG/JU
Sample : PB145958BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB145958BS

Quant Time: Jul 04 02:40:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.825 | 152 | 4206 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 12559 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 6994 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.225 | 188 | 14476 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.431 | 240 | 11169 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.781 | 264 | 8781 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.413 | 112 | 3357 | 0.288 | ng | | 0.00 |
| 5) Phenol-d6 | 7.024 | 99 | 4133 | 0.296 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 3146 | 0.309 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.223 | 152 | 7315 | 0.340 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.974 | 330 | 689 | 0.261 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 10569 | 0.366 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.265 | 212 | 14030 | 0.326 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.868 | 244 | 9920 | 0.372 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.261 | 88 | 1830 | 0.332 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.608 | 42 | 1476 | 0.294 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.255 | 93 | 3656 | 0.305 | ng | | 92 |
| 9) Naphthalene | 10.669 | 128 | 13283 | 0.354 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.968 | 225 | 2425 | 0.355 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.295 | 142 | 8596 | 0.345 | ng | | 98 |
| 16) Acenaphthylene | 14.196 | 152 | 11049 | 0.329 | ng | | 99 |
| 17) Acenaphthene | 14.538 | 154 | 7924 | 0.346 | ng | | 95 |
| 18) Fluorene | 15.521 | 166 | 10063 | 0.337 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198 | 348 | 0.348 | ng | # | 59 |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248 | 2965 | 0.352 | ng | | 96 |
| 22) Hexachlorobenzene | 16.538 | 284 | 3347 | 0.359 | ng | | 97 |
| 23) Atrazine | 16.692 | 200 | 1813 | 0.273 | ng | | 98 |
| 24) Pentachlorophenol | 16.897 | 266 | 581 | 0.378 | ng | | 96 |
| 25) Phenanthrene | 17.266 | 178 | 16565 | 0.339 | ng | | 100 |
| 26) Anthracene | 17.359 | 178 | 13007 | 0.309 | ng | | 100 |
| 28) Fluoranthene | 19.295 | 202 | 17809 | 0.334 | ng | | 100 |
| 30) Pyrene | 19.657 | 202 | 17739 | 0.375 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.413 | 228 | 12429 | 0.311 | ng | | 98 |
| 33) Chrysene | 21.467 | 228 | 15984 | 0.362 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.350 | 149 | 6960 | 0.310 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.214 | 276 | 12150 | 0.311 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.068 | 252 | 12792 | 0.378 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.112 | 252 | 13007 | 0.361 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.676 | 252 | 10162 | 0.346 | ng | | 94 |
| 40) Dibenzo(a,h)anthracene | 26.231 | 278 | 9618 | 0.307 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.959 | 276 | 10588 | 0.309 | ng | | 99 |

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

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