Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023524.D
Acq On : 28 Dec 2022 15:51
Operator : CG/JU
Sample : PB149736BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB149736BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

Quant Time: Dec 29 04:03:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 04:01:06 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.977 | 152 | 5138 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.786 | 136 | 14671 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.623 | 164 | 8190 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.365 | 188 | 16766 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.558 | 240 | 9042 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.999 | 264 | 6717 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.522 | 112 | 4952 | 0.435 | ng | | 0.00 |
| 5) Phenol-d6 | 7.132 | 99 | 5962 | 0.427 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.142 | 82 | 4829 | 0.421 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.378 | 152 | 9543 | 0.446 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.111 | 330 | 1463 | 0.364 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.244 | 172 | 14969 | 0.461 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.401 | 212 | 15083 | 0.368 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.996 | 244 | 14091 | 0.668 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.369 | 88 | 2239 | 0.452 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.702 | 42 | 2537 | 0.425 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.392 | 93 | 6485 | 0.479 | ng | | 99 |
| 9) Naphthalene | 10.840 | 128 | 17017 | 0.454 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.128 | 225 | 3559 | 0.471 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.450 | 142 | 11962 | 0.443 | ng | | 97 |
| 16) Acenaphthylene | 14.345 | 152 | 14119 | 0.415 | ng | | 100 |
| 17) Acenaphthene | 14.688 | 154 | 10297m | 0.449 | ng | | |
| 18) Fluorene | 15.671 | 166 | 13778 | 0.432 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.751 | 198 | 773 | 0.494 | ng | | 90 |
| 21) 4-Bromophenyl-phenylether | 16.558 | 248 | 4278 | 0.435 | ng | # | 80 |
| 22) Hexachlorobenzene | 16.670 | 284 | 5557 | 0.469 | ng | | 99 |
| 23) Atrazine | 16.831 | 200 | 2772 | 0.365 | ng | | 96 |
| 24) Pentachlorophenol | 17.017 | 266 | 1400 | 0.405 | ng | | 99 |
| 25) Phenanthrene | 17.414 | 178 | 20595 | 0.431 | ng | | 100 |
| 26) Anthracene | 17.501 | 178 | 15674 | 0.395 | ng | | 100 |
| 28) Fluoranthene | 19.431 | 202 | 20262 | 0.378 | ng | | 99 |
| 30) Pyrene | 19.793 | 202 | 19658 | 0.582 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.540 | 228 | 12665 | 0.420 | ng | | 98 |
| 33) Chrysene | 21.593 | 228 | 14319 | 0.463 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.459 | 149 | 7141 | 0.385 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.540 | 276 | 12009 | 0.479 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.250 | 252 | 11838 | 0.459 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.297 | 252 | 11286 | 0.445 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.888 | 252 | 8829 | 0.448 | ng | # | 90 |
| 40) Dibenzo(a,h)anthracene | 26.563 | 278 | 8783 | 0.459 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.326 | 276 | 10743 | 0.486 | ng | | 98 |

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

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