Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033058.D
Acq On : 28 Jul 2024 07:12
Operator : MA/JU
Sample : PB162236BSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB162236BSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:13:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.517 | 152 | 3461 | 0.400 | ng | -0.01 |
| 7) Naphthalene-d8 | 10.319 | 136 | 11668 | 0.400 | ng | # 0.02 |
| 13) Acenaphthene-d10 | 14.158 | 164 | 7851 | 0.400 | ng | -0.02 |
| 19) Phenanthrene-d10 | 16.945 | 188 | 16847 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.152 | 240 | 13780 | 0.400 | ng | -0.01 |
| 35) Perylene-d12 | 23.347 | 264 | 13410 | 0.400 | ng | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.213 | 112 | 4042m | 0.462 | ng | 0.04 |
| 5) Phenol-d6 | 6.860 | 99 | 5653m | 0.520 | ng | 0.08 |
| 8) Nitrobenzene-d5 | 8.814 | 82 | 3917m | 0.446 | ng | 0.08 |
| 11) 2-Methylnaphthalene-d10 | 11.928 | 152 | 6867 | 0.385 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.729 | 330 | 1031 | 0.307 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.800 | 172 | 9351 | 0.320 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.983 | 212 | 16696 | 0.383 | ng | -0.01 |
| 31) Terphenyl-d14 | 19.587 | 244 | 10645 | 0.377 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.097 | 88 | 1979 | 0.462 | ng | # 90 |
| 3) n-Nitrosodimethylamine | 3.458 | 42 | 1620 | 0.447 | ng | 88 |
| 6) bis(2-Chloroethyl)ether | 7.004 | 93 | 3308m | 0.364 | ng | |
| 9) Naphthalene | 10.362 | 128 | 12794 | 0.396 | ng | 99 |
| 10) Hexachlorobutadiene | 10.565 | 225 | 2397 | 0.388 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.003 | 142 | 7823m | 0.371 | ng | |
| 16) Acenaphthylene | 13.891 | 152 | 12182 | 0.381 | ng | 99 |
| 17) Acenaphthene | 14.222 | 154 | 8991 | 0.397 | ng | 99 |
| 18) Fluorene | 15.238 | 166 | 11821 | 0.391 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.530 | 198 | 256m | 0.363 | ng | |
| 21) 4-Bromophenyl-phenylether | 16.138 | 248 | 3620 | 0.366 | ng | 93 |
| 22) Hexachlorobenzene | 16.225 | 284 | 3915 | 0.353 | ng | 93 |
| 23) Atrazine | 16.424 | 200 | 2817 | 0.386 | ng | 99 |
| 24) Pentachlorophenol | 16.647 | 266 | 932 | 0.226 | ng | 98 |
| 25) Phenanthrene | 16.982 | 178 | 17254 | 0.375 | ng | 99 |
| 26) Anthracene | 17.094 | 178 | 11800 | 0.311 | ng | 100 |
| 28) Fluoranthene | 19.015 | 202 | 21364 | 0.383 | ng | 100 |
| 30) Pyrene | 19.382 | 202 | 22111 | 0.393 | ng | 99 |
| 32) Benzo(a)anthracene | 21.143 | 228 | 14495 | 0.333 | ng | 98 |
| 33) Chrysene | 21.196 | 228 | 21970 | 0.424 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.026 | 149 | 12222m | 0.507 | ng | |
| 36) Indeno(1,2,3-cd)pyrene | 25.566 | 276 | 19009 | 0.360 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.692 | 252 | 16703 | 0.358 | ng | 97 |
| 38) Benzo(k)fluoranthene | 22.733 | 252 | 20977 | 0.393 | ng | 97 |
| 39) Benzo(a)pyrene | 23.265 | 252 | 15430 | 0.366 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.566 | 278 | 14850 | 0.356 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 26.238 | 276 | 17452 | 0.377 | ng | 96 |

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

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