Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
Data File : BN022186.D
Acq On : 18 Oct 2022 20:32
Operator : CG/JU
Sample : PB148416BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB148416BSD

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:10:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 02:07:41 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.957 | 152 | 4170 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.784 | 136 | 14272 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.621 | 164 | 8258 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.375 | 188 | 17070 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.582 | 240 | 11416 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.046 | 264 | 8667 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.479 | 112 | 4647 | 0.481 | ng | | 0.00 |
| 5) Phenol-d6 | 7.112 | 99 | 6138 | 0.490 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.129 | 82 | 4809 | 0.419 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.376 | 152 | 9806 | 0.374 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.121 | 330 | 1211 | 0.384 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.253 | 172 | 14084 | 0.390 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.416 | 212 | 16716 | 0.368 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.015 | 244 | 10440 | 0.455 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.291 | 88 | 2051 | 0.380 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.638 | 42 | 2233 | 0.381 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.379 | 93 | 5449 | 0.411 | ng | | 97 |
| 9) Naphthalene | 10.827 | 128 | 17158 | 0.398 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.115 | 225 | 2812 | 0.376 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.081 | 142 | 3475 | 0.544 | ng | # | 91 |
| 16) Acenaphthylene | 14.343 | 152 | 15673 | 0.399 | ng | | 100 |
| 17) Acenaphthene | 14.685 | 154 | 10810 | 0.391 | ng | | 99 |
| 18) Fluorene | 15.679 | 166 | 14997 | 0.450 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.761 | 198 | 325 | 0.289 | ng | # | 79 |
| 21) 4-Bromophenyl-phenylether | 16.568 | 248 | 3792 | 0.365 | ng | | 91 |
| 22) Hexachlorobenzene | 16.680 | 284 | 5020 | 0.388 | ng | | 99 |
| 23) Atrazine | 16.841 | 200 | 2945 | 0.382 | ng | | 97 |
| 24) Pentachlorophenol | 17.027 | 266 | 1046 | 0.264 | ng | | 96 |
| 25) Phenanthrene | 17.424 | 178 | 22808 | 0.389 | ng | | 100 |
| 26) Anthracene | 17.511 | 178 | 18094 | 0.384 | ng | | 100 |
| 28) Fluoranthene | 19.449 | 202 | 22957 | 0.365 | ng | | 100 |
| 30) Pyrene | 19.812 | 202 | 22705 | 0.453 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.564 | 228 | 16817 | 0.392 | ng | | 99 |
| 33) Chrysene | 21.618 | 228 | 18064 | 0.379 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.483 | 149 | 10826 | 0.526 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.631 | 276 | 16872 | 0.385 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.289 | 252 | 16047m | 0.391 | ng | | |
| 38) Benzo(k)fluoranthene | 23.339 | 252 | 14996 | 0.367 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.935 | 252 | 12899 | 0.412 | ng | # | 84 |
| 40) Dibenzo(a,h)anthracene | 26.654 | 278 | 13324 | 0.382 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.432 | 276 | 13299 | 0.353 | ng | | 99 |

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

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