Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019985.D
Acq On : 26 May 2022 23:53
Operator : CG/JU
Sample : PB145066BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB145066BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:08:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 4486 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 15145 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 8846 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 17164 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.395 | 240 | 10475 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.741 | 264 | 8919 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 4743 | 0.423 | ng | | 0.00 |
| 5) Phenol-d6 | 7.016 | 99 | 5937 | 0.422 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 4370 | 0.382 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.223 | 152 | 9954 | 0.377 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 972 | 0.278 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 14645 | 0.379 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.240 | 212 | 16486 | 0.338 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.839 | 244 | 11510 | 0.466 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 1801 | 0.338 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.673 | 42 | 2163 | 0.371 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.269 | 93 | 4998 | 0.365 | ng | | 99 |
| 9) Naphthalene | 10.690 | 128 | 17167 | 0.373 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.978 | 225 | 3194 | 0.382 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.299 | 142 | 11683 | 0.373 | ng | | 99 |
| 16) Acenaphthylene | 14.185 | 152 | 15874m | 0.383 | ng | | |
| 17) Acenaphthene | 14.527 | 154 | 10893 | 0.355 | ng | | 96 |
| 18) Fluorene | 15.511 | 166 | 13831 | 0.356 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198 | 200 | 0.081 | ng | # | 41 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 4155 | 0.396 | ng | # | 87 |
| 22) Hexachlorobenzene | 16.528 | 284 | 4765 | 0.410 | ng | | 100 |
| 23) Atrazine | 16.672 | 200 | 2566 | 0.375 | ng | | 96 |
| 24) Pentachlorophenol | 16.866 | 266 | 738 | 0.164 | ng | | 98 |
| 25) Phenanthrene | 17.246 | 178 | 22031 | 0.371 | ng | | 99 |
| 26) Anthracene | 17.338 | 178 | 18261 | 0.363 | ng | | 100 |
| 28) Fluoranthene | 19.269 | 202 | 21046 | 0.330 | ng | | 100 |
| 30) Pyrene | 19.632 | 202 | 20552 | 0.463 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.377 | 228 | 13974 | 0.366 | ng | | 98 |
| 33) Chrysene | 21.431 | 228 | 16160 | 0.378 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 7920 | 0.498 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.141 | 276 | 15166 | 0.363 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.030 | 252 | 13617 | 0.350 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 14658 | 0.355 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.635 | 252 | 11338 | 0.370 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 26.158 | 278 | 11861 | 0.352 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.878 | 276 | 12321 | 0.356 | ng | | 99 |

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

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