Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019858.D
Acq On : 19 May 2022 16:52
Operator : CG/JU
Sample : PB144940BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 06:35:09 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

**Instrument :**
BNA_N
**ClientSampleId :**
PB144940BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 3977 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 13600 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 9055 | 0.400 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 19677 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.404 | 240 | 17387 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.741 | 264 | 15593 | 0.400 | ng | # | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 3499 | 0.352 | ng | | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 4466 | 0.358 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 3222 | 0.314 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.227 | 152 | 7204 | 0.304 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 1044 | 0.292 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 10956 | 0.277 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.240 | 212 | 16570 | 0.296 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 11719 | 0.286 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 1415m | 0.300 | ng | | |
| 3) n-Nitrosodimethylamine | 3.673 | 42 | 1518 | 0.294 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.277 | 93 | 3648 | 0.301 | ng | | 99 |
| 9) Naphthalene | 10.690 | 128 | 11939 | 0.289 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.989 | 225 | 2252 | 0.300 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.299 | 142 | 8473 | 0.301 | ng | | 99 |
| 16) Acenaphthylene | 14.185 | 152 | 12871m | 0.303 | ng | | |
| 17) Acenaphthene | 14.527 | 154 | 8615 | 0.274 | ng | | 96 |
| 18) Fluorene | 15.511 | 166 | 11457 | 0.288 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198 | 508 | 0.180 | ng | # | 83 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 3497 | 0.291 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.528 | 284 | 3994 | 0.300 | ng | | 99 |
| 23) Atrazine | 16.672 | 200 | 2545 | 0.324 | ng | | 98 |
| 24) Pentachlorophenol | 16.867 | 266 | 820 | 0.159 | ng | | 97 |
| 25) Phenanthrene | 17.246 | 178 | 19294 | 0.283 | ng | | 100 |
| 26) Anthracene | 17.338 | 178 | 16638 | 0.289 | ng | | 100 |
| 28) Fluoranthene | 19.270 | 202 | 21221 | 0.291 | ng | | 100 |
| 30) Pyrene | 19.636 | 202 | 21757 | 0.295 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.387 | 228 | 19489 | 0.308 | ng | | 100 |
| 33) Chrysene | 21.440 | 228 | 19878 | 0.280 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149 | 10902 | 0.413 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.144 | 276 | 18299 | 0.251 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.030 | 252 | 17954 | 0.264 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.077 | 252 | 19091 | 0.264 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.635 | 252 | 15179 | 0.283 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.167 | 278 | 14602 | 0.248 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.878 | 276 | 14811 | 0.245 | ng | | 99 |

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

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Misc :
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