Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
Data File : BN019392.D
Acq On : 08 Apr 2022 17:22
Operator : CG/JU
Sample : PB143983BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 11 04:11:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB143983BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.825 | 152 | 3581 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 10088 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 6479 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 14500 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.395 | 240 | 13864 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.744 | 264 | 12882 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.377 | 112 | 3544 | 0.370 | ng | | 0.00 |
| 5) Phenol-d6 | 6.988 | 99 | 3696 | 0.320 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 2804 | 0.306 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.223 | 152 | 5883 | 0.332 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 1118 | 0.284 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 8694 | 0.323 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.240 | 212 | 16786 | 0.359 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.834 | 244 | 9990 | 0.332 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.218 | 88 | 1543 | 0.360 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.543 | 42 | 1943 | 0.343 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.240 | 93 | 3872 | 0.333 | ng | | 97 |
| 9) Naphthalene | 10.680 | 128 | 10350 | 0.348 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.968 | 225 | 2369 | 0.365 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.295 | 142 | 6906 | 0.335 | ng | | 98 |
| 16) Acenaphthylene | 14.185 | 152 | 10525 | 0.327 | ng | | 99 |
| 17) Acenaphthene | 14.527 | 154 | 7260 | 0.340 | ng | | 98 |
| 18) Fluorene | 15.511 | 166 | 9365 | 0.332 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198 | 368 | 0.138 | ng | # | 36 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 2998 | 0.307 | ng | | 96 |
| 22) Hexachlorobenzene | 16.528 | 284 | 4000 | 0.350 | ng | | 99 |
| 23) Atrazine | 16.661 | 200 | 2394 | 0.297 | ng | | 96 |
| 24) Pentachlorophenol | 16.877 | 266 | 881 | 0.198 | ng | | 97 |
| 25) Phenanthrene | 17.246 | 178 | 15721 | 0.323 | ng | | 99 |
| 26) Anthracene | 17.338 | 178 | 13175 | 0.308 | ng | | 99 |
| 28) Fluoranthene | 19.269 | 202 | 20377 | 0.353 | ng | | 99 |
| 30) Pyrene | 19.632 | 202 | 21630 | 0.335 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.377 | 228 | 16018 | 0.313 | ng | | 99 |
| 33) Chrysene | 21.431 | 228 | 19185 | 0.337 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.306 | 149 | 11907 | 0.312 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.176 | 276 | 16261 | 0.302 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.030 | 252 | 15733m | 0.312 | ng | | |
| 38) Benzo(k)fluoranthene | 23.077 | 252 | 16295 | 0.309 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.644 | 252 | 15424 | 0.340 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 26.196 | 278 | 12640 | 0.303 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 26.919 | 276 | 15253 | 0.305 | ng | | 99 |

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

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