Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019326.D
Acq On : 04 Apr 2022 20:25
Operator : CG/JU
Sample : PB143747BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB143747BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 03:30:22 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.826 | 152 | 3582 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.626 | 136 | 10125 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 6869 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.205 | 188 | 15298 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.395 | 240 | 12767 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.744 | 264 | 11708 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 3543 | 0.369 | ng | 0.00 |
| 5) Phenol-d6 | 6.995 | 99 | 3786 | 0.328 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 2954 | 0.321 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.223 | 152 | 6857 | 0.386 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 1287 | 0.308 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 10746 | 0.376 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.236 | 212 | 18210 | 0.370 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.834 | 244 | 10855 | 0.391 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.218 | 88 | 1584 | 0.370 | ng | # 87 |
| 3) n-Nitrosodimethylamine | 3.543 | 42 | 2101 | 0.370 | ng | 99 |
| 6) bis(2-Chloroethyl)ether | 7.248 | 93 | 4347 | 0.374 | ng | 98 |
| 9) Naphthalene | 10.680 | 128 | 11636 | 0.389 | ng | 99 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 2621 | 0.403 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.299 | 142 | 7931 | 0.383 | ng | 99 |
| 16) Acenaphthylene | 14.185 | 152 | 11667 | 0.342 | ng | 100 |
| 17) Acenaphthene | 14.527 | 154 | 8750 | 0.386 | ng | 99 |
| 18) Fluorene | 15.511 | 166 | 11394 | 0.381 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198 | 706 | 0.251 | ng | # 60 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 3755 | 0.364 | ng | 98 |
| 22) Hexachlorobenzene | 16.518 | 284 | 4643 | 0.385 | ng | 98 |
| 23) Atrazine | 16.672 | 200 | 2654 | 0.312 | ng | 95 |
| 24) Pentachlorophenol | 16.867 | 266 | 1068 | 0.228 | ng | 99 |
| 25) Phenanthrene | 17.246 | 178 | 19218 | 0.374 | ng | 100 |
| 26) Anthracene | 17.338 | 178 | 15459 | 0.343 | ng | 99 |
| 28) Fluoranthene | 19.270 | 202 | 22675 | 0.372 | ng | 99 |
| 30) Pyrene | 19.628 | 202 | 23577 | 0.397 | ng | 99 |
| 32) Benzo(a)anthracene | 21.378 | 228 | 15685 | 0.333 | ng | 99 |
| 33) Chrysene | 21.431 | 228 | 19932 | 0.380 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.306 | 149 | 10119 | 0.288 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.167 | 276 | 17170 | 0.350 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.030 | 252 | 16685m | 0.364 | ng | |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 16714 | 0.349 | ng | 98 |
| 39) Benzo(a)pyrene | 23.641 | 252 | 15834 | 0.384 | ng | # 81 |
| 40) Dibenzo(a,h)anthracene | 26.182 | 278 | 13176 | 0.347 | ng | 95 |
| 41) Benzo(g,h,i)perylene | 26.910 | 276 | 16927 | 0.373 | ng | 99 |

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

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