Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019073.D
Acq On : 23 Mar 2022 02:08
Operator : CG/JU
Sample : PB143519BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB143519BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 04:52:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 4344 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.658 | 136 | 11106 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 6491 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.226 | 188 | 13286 | 0.400 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.413 | 240 | 10459 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.785 | 264 | 9081 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.406 | 112 | 3334 | 0.342 | ng | | 0.00 |
| 5) Phenol-d6 | 7.009 | 99 | 3212 | 0.315 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 2491 | 0.311 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.250 | 152 | 5962 | 0.324 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.985 | 330 | 810 | 0.259 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.116 | 172 | 9211 | 0.354 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.261 | 212 | 13793 | 0.350 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.860 | 244 | 7986 | 0.311 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 1987 | 0.370 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.572 | 42 | 1904 | 0.304 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.269 | 93 | 4084 | 0.336 | ng | | 98 |
| 9) Naphthalene | 10.701 | 128 | 11047 | 0.350 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.000 | 225 | 2679 | 0.347 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.322 | 142 | 7125 | 0.332 | ng | | 99 |
| 16) Acenaphthylene | 14.207 | 152 | 9724 | 0.323 | ng | | 99 |
| 17) Acenaphthene | 14.549 | 154 | 7168 | 0.339 | ng | | 99 |
| 18) Fluorene | 15.532 | 166 | 8931 | 0.335 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198 | 468 | 0.296 | ng | # | 63 |
| 21) 4-Bromophenyl-phenylether | 16.426 | 248 | 2877 | 0.343 | ng | # | 92 |
| 22) Hexachlorobenzene | 16.549 | 284 | 3948 | 0.366 | ng | | 98 |
| 23) Atrazine | 16.682 | 200 | 1838 | 0.294 | ng | | 96 |
| 24) Pentachlorophenol | 16.897 | 266 | 590 | 0.178 | ng | | 99 |
| 25) Phenanthrene | 17.267 | 178 | 14263 | 0.343 | ng | | 100 |
| 26) Anthracene | 17.369 | 178 | 10872 | 0.310 | ng | | 99 |
| 28) Fluoranthene | 19.291 | 202 | 17300 | 0.355 | ng | | 99 |
| 30) Pyrene | 19.653 | 202 | 17721 | 0.340 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.404 | 228 | 11064 | 0.343 | ng | | 99 |
| 33) Chrysene | 21.449 | 228 | 15279 | 0.351 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149 | 6889 | 0.322 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.238 | 276 | 12101m | 0.369 | ng | | |
| 37) Benzo(b)fluoranthene | 23.062 | 252 | 11594m | 0.350 | ng | | |
| 38) Benzo(k)fluoranthene | 23.112 | 252 | 15341 | 0.338 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.682 | 252 | 10251 | 0.340 | ng | # | 84 |
| 40) Dibenzo(a,h)anthracene | 26.258 | 278 | 9043m | 0.354 | ng | | |
| 41) Benzo(g,h,i)perylene | 26.977 | 276 | 12522 | 0.389 | ng | | 98 |

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

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