Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019296.D
Acq On : 01 Apr 2022 20:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 04 11:19:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.833 | 152 | 4715 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 13923 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 8856 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 18087 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.404 | 240 | 14013 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.758 | 264 | 11905 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.392 | 112 | 4454 | 0.432 | ng | | 0.00 |
| 5) Phenol-d6 | 6.995 | 99 | 4669 | 0.427 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 3681 | 0.368 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.231 | 152 | 9251 | 0.418 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 1323 | 0.319 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 14227 | 0.400 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.244 | 212 | 21757 | 0.400 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 12527 | 0.402 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 2192 | 0.350 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.557 | 42 | 2307 | 0.353 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.248 | 93 | 5275 | 0.404 | ng | | 96 |
| 9) Naphthalene | 10.680 | 128 | 16416 | 0.407 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 3746 | 0.398 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.303 | 142 | 10852 | 0.417 | ng | | 99 |
| 16) Acenaphthylene | 14.185 | 152 | 15607 | 0.383 | ng | | 99 |
| 17) Acenaphthene | 14.527 | 154 | 11241 | 0.387 | ng | | 99 |
| 18) Fluorene | 15.522 | 166 | 14252 | 0.393 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198 | 585 | 0.279 | ng | # | 72 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 4470 | 0.385 | ng | # | 86 |
| 22) Hexachlorobenzene | 16.528 | 284 | 5911 | 0.391 | ng | | 99 |
| 23) Atrazine | 16.672 | 200 | 2772 | 0.348 | ng | | 100 |
| 24) Pentachlorophenol | 16.877 | 266 | 724 | 0.166 | ng | | 99 |
| 25) Phenanthrene | 17.256 | 178 | 22631 | 0.397 | ng | | 100 |
| 26) Anthracene | 17.349 | 178 | 17704 | 0.376 | ng | | 100 |
| 28) Fluoranthene | 19.274 | 202 | 27040 | 0.398 | ng | | 99 |
| 30) Pyrene | 19.636 | 202 | 28047 | 0.405 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.387 | 228 | 17416 | 0.397 | ng | | 99 |
| 33) Chrysene | 21.431 | 228 | 21678 | 0.386 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 11910 | 0.406 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.200 | 276 | 14464 | 0.297 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.042 | 252 | 16651m | 0.377 | ng | | |
| 38) Benzo(k)fluoranthene | 23.089 | 252 | 17005 | 0.356 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.656 | 252 | 15977 | 0.398 | ng | # | 67 |
| 40) Dibenzo(a,h)anthracene | 26.220 | 278 | 10865 | 0.306 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 26.936 | 276 | 14904 | 0.300 | ng | | 97 |

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

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