Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020532.D
Acq On : 28 Jun 2022 14:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/30/2022

Quant Time: Jun 28 23:50:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.739 | 152 | 3097 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.520 | 136 | 9756 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.367 | 164 | 6006 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.113 | 188 | 12573 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.306 | 240 | 9783 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.586 | 264 | 7364 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.341 | 112 | 3220 | 0.375 | ng | 0.00 |
| 5) Phenol-d6 | 6.944 | 99 | 4014 | 0.391 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.897 | 82 | 2841 | 0.359 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.117 | 152 | 6393 | 0.382 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.861 | 330 | 797 | 0.352 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.988 | 172 | 9304 | 0.375 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.143 | 212 | 13677 | 0.366 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.746 | 244 | 9729 | 0.416 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.232 | 88 | 1455 | 0.358 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.564 | 42 | 1209 | 0.327 | ng | # 92 |
| 6) bis(2-Chloroethyl)ether | 7.168 | 93 | 3296 | 0.373 | ng | 99 |
| 9) Naphthalene | 10.573 | 128 | 11217 | 0.385 | ng | 99 |
| 10) Hexachlorobutadiene | 10.861 | 225 | 1978 | 0.373 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.189 | 142 | 7461 | 0.385 | ng | 99 |
| 16) Acenaphthylene | 14.089 | 152 | 10673 | 0.370 | ng | 99 |
| 17) Acenaphthene | 14.431 | 154 | 7483 | 0.381 | ng | 97 |
| 18) Fluorene | 15.415 | 166 | 9661 | 0.377 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 403 | 0.389 | ng | # 64 |
| 21) 4-Bromophenyl-phenylether | 16.302 | 248 | 2703 | 0.370 | ng | 95 |
| 22) Hexachlorobenzene | 16.426 | 284 | 3042 | 0.376 | ng | 99 |
| 23) Atrazine | 16.579 | 200 | 1896 | 0.329 | ng | 98 |
| 24) Pentachlorophenol | 16.774 | 266 | 780 | 0.484 | ng | 94 |
| 25) Phenanthrene | 17.154 | 178 | 15769 | 0.372 | ng | 100 |
| 26) Anthracene | 17.246 | 178 | 13141 | 0.360 | ng | 99 |
| 28) Fluoranthene | 19.173 | 202 | 17149 | 0.371 | ng | 100 |
| 30) Pyrene | 19.535 | 202 | 17482 | 0.422 | ng | 99 |
| 32) Benzo(a)anthracene | 21.288 | 228 | 12882 | 0.369 | ng | 98 |
| 33) Chrysene | 21.342 | 228 | 15096 | 0.390 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149 | 7039 | 0.357 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.922 | 276 | 10739 | 0.327 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.896 | 252 | 11295 | 0.398 | ng | 96 |
| 38) Benzo(k)fluoranthene | 22.943 | 252 | 12387m | 0.410 | ng | |
| 39) Benzo(a)pyrene | 23.486 | 252 | 9291 | 0.378 | ng | 95 |
| 40) Dibenzo(a,h)anthracene | 25.933 | 278 | 8465 | 0.322 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 26.632 | 276 | 9508 | 0.331 | ng | 100 |

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

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