Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019770.D
Acq On : 13 May 2022 15:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Quant Time: May 13 23:59:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 4380 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.648 | 136 | 13438 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 7881 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 17633 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.396 | 240 | 17337 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.738 | 264 | 15979 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 4323 | 0.395 | ng | | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 5271 | 0.384 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.003 | 82 | 3758 | 0.370 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.231 | 152 | 8968 | 0.383 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.954 | 330 | 1077 | 0.346 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 13532 | 0.393 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.240 | 212 | 20419 | 0.408 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 15042 | 0.368 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 2021 | 0.389 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.673 | 42 | 2104 | 0.370 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.277 | 93 | 5227 | 0.391 | ng | | 100 |
| 9) Naphthalene | 10.690 | 128 | 15858 | 0.389 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.989 | 225 | 2926 | 0.394 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.303 | 142 | 10598 | 0.381 | ng | | 99 |
| 16) Acenaphthylene | 14.196 | 152 | 13737m | 0.372 | ng | | |
| 17) Acenaphthene | 14.538 | 154 | 10480 | 0.383 | ng | | 98 |
| 18) Fluorene | 15.522 | 166 | 13213 | 0.382 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.596 | 198 | 1001 | 0.396 | ng | | 95 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 4152 | 0.385 | ng | | 97 |
| 22) Hexachlorobenzene | 16.528 | 284 | 4724 | 0.395 | ng | | 98 |
| 23) Atrazine | 16.672 | 200 | 2579 | 0.367 | ng | | 98 |
| 24) Pentachlorophenol | 16.867 | 266 | 1577 | 0.342 | ng | | 98 |
| 25) Phenanthrene | 17.256 | 178 | 23872 | 0.391 | ng | | 100 |
| 26) Anthracene | 17.338 | 178 | 19389 | 0.376 | ng | | 99 |
| 28) Fluoranthene | 19.274 | 202 | 26232 | 0.401 | ng | | 99 |
| 30) Pyrene | 19.636 | 202 | 27036 | 0.368 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.387 | 228 | 23554 | 0.373 | ng | | 100 |
| 33) Chrysene | 21.431 | 228 | 28337 | 0.400 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149 | 9900 | 0.376 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.138 | 276 | 30158 | 0.403 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.027 | 252 | 25965 | 0.372 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 23.074 | 252 | 27696 | 0.374 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.636 | 252 | 20259 | 0.369 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 26.153 | 278 | 24216 | 0.401 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.869 | 276 | 24756 | 0.399 | ng | | 100 |

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

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