Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072721\
Data File : BN015709.D
Acq On : 27 Jul 2021 18:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
7/28/2021 11:34:33 AM

Quant Time: Jul 27 18:48:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 27 13:51:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.698 | 152 | 13966 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.470 | 136 | 64702 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.320 | 164 | 36918 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.078 | 188 | 72705 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.281 | 240 | 70167 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.574 | 264 | 66470 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 14984 | 0.406 | ng | | 0.00 |
| 5) Phenol-d6 | 6.868 | 99 | 18447 | 0.415 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.835 | 82 | 18878 | 0.389 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.065 | 152 | 39530 | 0.400 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.817 | 330 | 6292 | 0.394 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.949 | 172 | 54683 | 0.375 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.113 | 212 | 78328 | 0.393 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.723 | 244 | 64582 | 0.394 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.226 | 88 | 1710m | 0.403 | ng | | |
| 3) n-Nitrosodimethylamine | 3.585 | 42 | 4200 | 0.394 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.126 | 93 | 16195 | 0.407 | ng | | 100 |
| 9) Naphthalene | 10.521 | 128 | 67166 | 0.390 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.812 | 225 | 12836 | 0.398 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.141 | 142 | 45577 | 0.403 | ng | | 99 |
| 16) Acenaphthylene | 14.040 | 152 | 63007 | 0.395 | ng | | 100 |
| 17) Acenaphthene | 14.383 | 154 | 41056 | 0.385 | ng | | 99 |
| 18) Fluorene | 15.373 | 166 | 51304 | 0.394 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.474 | 198 | 153 | 0.173 | ng | # | 46 |
| 21) 4-Bromophenyl-phenylether | 16.275 | 248 | 16227 | 0.386 | ng | | 96 |
| 22) Hexachlorobenzene | 16.385 | 284 | 17885 | 0.387 | ng | | 100 |
| 23) Atrazine | 16.543 | 200 | 12638 | 0.396 | ng | | 99 |
| 24) Pentachlorophenol | 16.738 | 266 | 6076 | 0.369 | ng | | 99 |
| 25) Phenanthrene | 17.115 | 178 | 83412 | 0.389 | ng | | 100 |
| 26) Anthracene | 17.212 | 178 | 74339 | 0.394 | ng | | 100 |
| 28) Fluoranthene | 19.147 | 202 | 95471 | 0.399 | ng | | 100 |
| 30) Pyrene | 19.510 | 202 | 98146 | 0.401 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.259 | 228 | 93976 | 0.396 | ng | | 98 |
| 33) Chrysene | 21.312 | 228 | 93779 | 0.396 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.206 | 149 | 51758 | 0.497 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.911 | 276 | 84048 | 0.331 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.882 | 252 | 93905 | 0.406 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.927 | 252 | 93825 | 0.396 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.474 | 252 | 81083 | 0.390 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.935 | 278 | 70743 | 0.340 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.627 | 276 | 64352 | 0.303 | ng | | 99 |

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

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