Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016467.D
Acq On : 25 Sep 2021 10:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 26 04:13:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.670 | 152 | 20353 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.432 | 136 | 83937 | 0.40 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 41932 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.042 | 188 | 78083 | 0.40 | ng | 0.00 |
| 29) Chrysene-d12 | 21.249 | 240 | 75245 | 0.40 | ng | # 0.00 |
| 35) Perylene-d12 | 23.515 | 264 | 59098 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 16980 | 0.37 | ng | 0.00 |
| 5) Phenol-d6 | 6.849 | 99 | 19624 | 0.36 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.810 | 82 | 25602 | 0.43 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.029 | 152 | 49511 | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 3882 | 0.37 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.911 | 172 | 70187 | 0.40 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.088 | 212 | 82023 | 0.38 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.698 | 244 | 71910 | 0.41 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.281 | 88 | 3655 | 0.42 | ng | # 80 |
| 3) n-Nitrosodimethylamine | 3.622 | 42 | 9219 | 0.44 | ng | # 69 |
| 6) bis(2-Chloroethyl)ether | 7.108 | 93 | 23019 | 0.42 | ng | 93 |
| 9) Naphthalene | 10.483 | 128 | 88867 | 0.40 | ng | 99 |
| 10) Hexachlorobutadiene | 10.774 | 225 | 18787 | 0.42 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.101 | 142 | 57335 | 0.40 | ng | 97 |
| 16) Acenaphthylene | 14.002 | 152 | 69368 | 0.41 | ng | 99 |
| 17) Acenaphthene | 14.358 | 154 | 47471 | 0.39 | ng | 97 |
| 18) Fluorene | 15.347 | 166 | 56682 | 0.39 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 1007 | 0.26 | ng | # 79 |
| 21) 4-Bromophenyl-phenylether | 16.251 | 248 | 18399 | 0.40 | ng | # 94 |
| 22) Hexachlorobenzene | 16.348 | 284 | 19359 | 0.43 | ng | # 89 |
| 23) Atrazine | 16.519 | 200 | 10212 | 0.37 | ng | # 93 |
| 24) Pentachlorophenol | 16.701 | 266 | 4655 | 0.44 | ng | 97 |
| 25) Phenanthrene | 17.091 | 178 | 93692 | 0.40 | ng | 98 |
| 26) Anthracene | 17.176 | 178 | 73779 | 0.38 | ng | 99 |
| 28) Fluoranthene | 19.118 | 202 | 102553 | 0.40 | ng | 99 |
| 30) Pyrene | 19.480 | 202 | 99541 | 0.42 | ng | 99 |
| 32) Benzo(a)anthracene | 21.238 | 228 | 87279 | 0.40 | ng | 100 |
| 33) Chrysene | 21.291 | 228 | 103574 | 0.44 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149 | 24410 | 0.41 | ng | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 25.812 | 276 | 68197 | 0.36 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.834 | 252 | 84856 | 0.43 | ng | 98 |
| 38) Benzo(k)fluoranthene | 22.879 | 252 | 81977 | 0.43 | ng | 98 |
| 39) Benzo(a)pyrene | 23.416 | 252 | 65626 | 0.41 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.836 | 278 | 57497 | 0.35 | ng | 94 |
| 41) Benzo(g,h,i)perylene | 26.510 | 276 | 60545 | 0.36 | ng | 95 |

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

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