Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017611.D
Acq On : 30 Nov 2021 13:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 16:28:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 16:26:30 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.773 | 152 | 22269 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.547 | 136 | 87619 | 0.40 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.384 | 164 | 50490 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.128 | 188 | 98632 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.314 | 240 | 88328 | 0.40 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.633 | 264 | 82126 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.366 | 112 | 4774 | 0.09 | ng | | 0.00 |
| 5) Phenol-d6 | 6.943 | 99 | 4730 | 0.08 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.912 | 82 | 3236 | 0.06 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.142 | 152 | 14411 | 0.10 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.00 | ng | | |
| 15) 2-Fluorobiphenyl | 13.014 | 172 | 18199 | 0.10 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.163 | 212 | 26489 | 0.09 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.764 | 244 | 17461 | 0.09 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 1443m | 0.14 | ng | | |
| 3) n-Nitrosodimethylamine | 3.651 | 42 | 1945 | 0.09 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.201 | 93 | 6000 | 0.09 | ng | | 97 |
| 9) Naphthalene | 10.598 | 128 | 22028 | 0.10 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.902 | 225 | 6143 | 0.14 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.217 | 142 | 13790 | 0.10 | ng | | 97 |
| 16) Acenaphthylene | 14.105 | 152 | 16412 | 0.08 | ng | | 100 |
| 17) Acenaphthene | 14.448 | 154 | 12551 | 0.09 | ng | | 98 |
| 18) Fluorene | 15.437 | 166 | 14494 | 0.09 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.526 | 198 | 316 | 0.07 | ng | # | 32 |
| 21) 4-Bromophenyl-phenylether | 16.325 | 248 | 5083 | 0.09 | ng | # | 77 |
| 22) Hexachlorobenzene | 16.447 | 284 | 7216 | 0.12 | ng | # | 93 |
| 23) Atrazine | 16.593 | 200 | 2090 | 0.06 | ng | # | 95 |
| 24) Pentachlorophenol | 16.800 | 266 | 1447 | 0.08 | ng | | 99 |
| 25) Phenanthrene | 17.165 | 178 | 25684 | 0.09 | ng | | 99 |
| 26) Anthracene | 17.262 | 178 | 19106 | 0.08 | ng | | 100 |
| 28) Fluoranthene | 19.193 | 202 | 26549 | 0.09 | ng | | 98 |
| 30) Pyrene | 19.556 | 202 | 26360 | 0.09 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.303 | 228 | 22310 | 0.08 | ng | | 99 |
| 33) Chrysene | 21.356 | 228 | 28806 | 0.10 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 5860 | 0.06 | ng | | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 26.012 | 276 | 23855 | 0.10 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.935 | 252 | 23024 | 0.08 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.979 | 252 | 25677 | 0.09 | ng | | 96 |
| 39) Benzo(a)pyrene | 23.530 | 252 | 21009 | 0.09 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.029 | 278 | 19044 | 0.09 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.734 | 276 | 20144 | 0.09 | ng | | 97 |

12/01/2021
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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