Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
Data File : BN024151.D
Acq On : 07 Mar 2023 18:44
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 08 02:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 08 02:17:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.064 | 152 | 8317 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.882 | 136 | 22995 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.698 | 164 | 11784 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.439 | 188 | 22832 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.625 | 240 | 18049 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.156 | 264 | 12595 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.594 | 112 | 32125 | 1.846 | ng | | 0.00 |
| 5) Phenol-d6 | 7.204 | 99 | 42162 | 1.864 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.228 | 82 | 19250 | 1.823 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.461 | 152 | 73505 | 2.004 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.173 | 330 | 9487 | 1.943 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.319 | 172 | 84989 | 1.827 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.464 | 212 | 87967 | 1.904 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.058 | 244 | 58214 | 1.824 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.449 | 88 | 15328 | 1.840 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.767 | 42 | 21595 | 1.888 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.479 | 93 | 41680 | 1.841 | ng | | 100 |
| 9) Naphthalene | 10.925 | 128 | 106408 | 1.836 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.224 | 225 | 21012 | 1.829 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.503 | 142 | 302 | 1.075 | ng | # | 90 |
| 16) Acenaphthylene | 14.410 | 152 | 99923 | 1.883 | ng | | 100 |
| 17) Acenaphthene | 14.752 | 154 | 64044 | 1.862 | ng | | 98 |
| 18) Fluorene | 15.739 | 166 | 78166 | 1.895 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198 | 3890 | 1.619 | ng | # | 68 |
| 21) 4-Bromophenyl-phenylether | 16.632 | 248 | 22927 | 1.864 | ng | | 98 |
| 22) Hexachlorobenzene | 16.744 | 284 | 32772 | 1.843 | ng | | 99 |
| 23) Atrazine | 16.893 | 200 | 13720 | 1.706 | ng | | 96 |
| 24) Pentachlorophenol | 17.079 | 266 | 14107 | 1.708 | ng | | 99 |
| 25) Phenanthrene | 17.476 | 178 | 126003 | 1.867 | ng | | 100 |
| 26) Anthracene | 17.576 | 178 | 115398 | 1.943 | ng | | 100 |
| 28) Fluoranthene | 19.494 | 202 | 139482 | 1.939 | ng | | 100 |
| 30) Pyrene | 19.856 | 202 | 144669 | 1.850 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.607 | 228 | 104602 | 1.873 | ng | | 99 |
| 33) Chrysene | 21.670 | 228 | 115437 | 1.817 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.536 | 149 | 39458 | 1.783 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.807 | 276 | 78242 | 1.932 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.378 | 252 | 87963 | 1.901 | ng | | 94 |
| 38) Benzo(k)fluoranthene | 23.433 | 252 | 105297m | 2.100 | ng | | |
| 39) Benzo(a)pyrene | 24.036 | 252 | 83505 | 1.952 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 26.828 | 278 | 58816 | 1.968 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.626 | 276 | 73705 | 1.912 | ng | | 96 |

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

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