Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073021\
Data File : BN015724.D
Acq On : 30 Jul 2021 18:43
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.8

**Manual Integrations APPROVED**
mohammad
8/2/2021 3:47:32 PM

Quant Time: Jul 31 00:32:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 18:55:25 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.790 | 152 | 34412 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.572 | 136 | 150139 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.421 | 164 | 80027 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.164 | 188 | 150077 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.376 | 240 | 145057 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.717 | 264 | 144540 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.393 | 112 | 73405 | 0.793 | ng | | 0.00 |
| 5) Phenol-d6 | 6.951 | 99 | 88526 | 0.756 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.937 | 82 | 70864 | 0.705 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.167 | 152 | 184641 | 0.782 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.918 | 330 | 27056 | 0.833 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.051 | 172 | 235269 | 0.772 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.212 | 212 | 323365 | 0.762 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.818 | 244 | 269317 | 0.730 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.355 | 88 | 9134m | 0.759 | ng | | |
| 3) n-Nitrosodimethylamine | 3.705 | 42 | 18657 | 0.790 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.218 | 93 | 74855 | 0.814 | ng | | 99 |
| 9) Naphthalene | 10.622 | 128 | 312059 | 0.801 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.914 | 225 | 54918 | 0.728 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.238 | 142 | 205260 | 0.778 | ng | | 100 |
| 16) Acenaphthylene | 14.142 | 152 | 283111 | 0.778 | ng | | 100 |
| 17) Acenaphthene | 14.485 | 154 | 182715 | 0.807 | ng | | 99 |
| 18) Fluorene | 15.474 | 166 | 227037 | 0.798 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.550 | 198 | 9113 | 0.816 | ng | # | 93 |
| 21) 4-Bromophenyl-phenylether | 16.360 | 248 | 69872 | 0.783 | ng | # | 63 |
| 22) Hexachlorobenzene | 16.482 | 284 | 77080 | 0.886 | ng | | 100 |
| 23) Atrazine | 16.640 | 200 | 53688 | 0.668 | ng | | 99 |
| 24) Pentachlorophenol | 16.823 | 266 | 28112 | 0.882 | ng | | 100 |
| 25) Phenanthrene | 17.212 | 178 | 342442 | 0.827 | ng | | 100 |
| 26) Anthracene | 17.298 | 178 | 314914 | 0.787 | ng | | 100 |
| 28) Fluoranthene | 19.237 | 202 | 377803 | 0.798 | ng | | 100 |
| 30) Pyrene | 19.604 | 202 | 376198 | 0.759 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.355 | 228 | 368664 | 0.749 | ng | | 100 |
| 33) Chrysene | 21.408 | 228 | 371303 | 0.794 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.302 | 149 | 181000 | 0.641 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.127 | 276 | 423473 | 0.803 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.009 | 252 | 377114 | 0.770 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 23.057 | 252 | 406038 | 0.841 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.615 | 252 | 343696 | 0.777 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.144 | 278 | 358543 | 0.807 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.856 | 276 | 362852 | 0.810 | ng | | 100 |

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

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