Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030452.D
Acq On : 21 Mar 2024 18:27
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICCC0.4

Quant Time: Mar 21 23:56:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.732 | 152 | 10393 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 28219 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.361 | 164 | 14799 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.107 | 188 | 33156 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.304 | 240 | 23274 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.560 | 264 | 21151 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.312 | 112 | 9581 | 0.373 | ng | | 0.00 |
| 5) Phenol-d6 | 6.887 | 99 | 12430 | 0.370 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 8114 | 0.373 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.106 | 152 | 15489 | 0.377 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.853 | 330 | 1815 | 0.337 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.993 | 172 | 24728 | 0.387 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.146 | 212 | 30207 | 0.365 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.754 | 244 | 19560 | 0.375 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.254 | 88 | 4967 | 0.370 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.564 | 42 | 4968 | 0.384 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.161 | 93 | 12216 | 0.380 | ng | | 100 |
| 9) Naphthalene | 10.562 | 128 | 31210 | 0.383 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.851 | 225 | 5872 | 0.386 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 19802 | 0.380 | ng | | 100 |
| 16) Acenaphthylene | 14.083 | 152 | 27784 | 0.365 | ng | | 100 |
| 17) Acenaphthene | 14.426 | 154 | 19150 | 0.376 | ng | | 100 |
| 18) Fluorene | 15.420 | 166 | 25401 | 0.374 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.484 | 198 | 958 | 0.403 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.312 | 248 | 7854 | 0.366 | ng | | 100 |
| 22) Hexachlorobenzene | 16.411 | 284 | 9684 | 0.374 | ng | | 100 |
| 23) Atrazine | 16.585 | 200 | 5336 | 0.345 | ng | | 100 |
| 24) Pentachlorophenol | 16.759 | 266 | 2358 | 0.412 | ng | | 100 |
| 25) Phenanthrene | 17.156 | 178 | 39433 | 0.372 | ng | | 100 |
| 26) Anthracene | 17.243 | 178 | 33439 | 0.358 | ng | | 100 |
| 28) Fluoranthene | 19.178 | 202 | 43903 | 0.366 | ng | | 100 |
| 30) Pyrene | 19.540 | 202 | 44420 | 0.382 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.295 | 228 | 34037 | 0.361 | ng | | 100 |
| 33) Chrysene | 21.340 | 228 | 38364 | 0.384 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.250 | 149 | 13097 | 0.328 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.853 | 276 | 29311 | 0.343 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.885 | 252 | 34190 | 0.368 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.932 | 252 | 34113 | 0.369 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.464 | 252 | 24936 | 0.348 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.879 | 278 | 23683 | 0.344 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.546 | 276 | 26895 | 0.355 | ng | | 100 |

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

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