Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015666.D
Acq On : 23 Jul 2021 12:37
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 23 13:07:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 12:32:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.744 | 152 | 13004 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.521 | 136 | 54881 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.370 | 164 | 28745 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.115 | 188 | 53213 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.323 | 240 | 51933 | 0.400 | ng | # 0.01 |
| 35) Perylene-d12 | 23.628 | 264 | 43157 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.347 | 112 | 52311 | 1.396 | ng | 0.00 |
| 5) Phenol-d6 | 6.914 | 99 | 63330 | 1.420 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.886 | 82 | 64351 | 1.632 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.114 | 152 | 136112 | 1.491 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.868 | 330 | 18743 | 1.452 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.000 | 172 | 183884 | 1.609 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.157 | 212 | 245908 | 1.505 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.763 | 244 | 193453 | 1.603 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.281 | 88 | 6480 | 1.476 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.641 | 42 | 16727 | 1.556 | ng | 100 |
| 6) bis(2-Chloroethyl)ether | 7.172 | 93 | 61237 | 1.528 | ng | 100 |
| 9) Naphthalene | 10.572 | 128 | 238603 | 1.520 | ng | 100 |
| 10) Hexachlorobutadiene | 10.863 | 225 | 45025 | 1.530 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.190 | 142 | 156389 | 1.534 | ng | 100 |
| 16) Acenaphthylene | 14.091 | 152 | 214028 | 1.614 | ng | 100 |
| 17) Acenaphthene | 14.434 | 154 | 138221 | 1.535 | ng | 98 |
| 18) Fluorene | 15.423 | 166 | 170129 | 1.560 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.512 | 198 | 7055 | 1.611 | ng | # 76 |
| 21) 4-Bromophenyl-phenylether | 16.312 | 248 | 53064 | 1.593 | ng | 97 |
| 22) Hexachlorobenzene | 16.434 | 284 | 57956 | 1.573 | ng | 100 |
| 23) Atrazine | 16.592 | 200 | 37534 | 1.540 | ng | 99 |
| 24) Pentachlorophenol | 16.774 | 266 | 14436 | 1.560 | ng | 99 |
| 25) Phenanthrene | 17.164 | 178 | 267899 | 1.556 | ng | 100 |
| 26) Anthracene | 17.249 | 178 | 238164 | 1.617 | ng | 100 |
| 28) Fluoranthene | 19.187 | 202 | 304174 | 1.607 | ng | 100 |
| 30) Pyrene | 19.550 | 202 | 300736 | 1.535 | ng | 100 |
| 32) Benzo(a)anthracene | 21.302 | 228 | 281904 | 1.511 | ng | 100 |
| 33) Chrysene | 21.355 | 228 | 296791 | 1.554 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.249 | 149 | 108550 | 1.225 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.997 | 276 | 271897 | 1.530 | ng | 100 |
| 37) Benzo(b)fluoranthene | 22.930 | 252 | 282564 | 1.699 | ng | 100 |
| 38) Benzo(k)fluoranthene | 22.975 | 252 | 274946 | 1.612 | ng | 99 |
| 39) Benzo(a)pyrene | 23.526 | 252 | 234091 | 1.605 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.014 | 278 | 217770 | 1.539 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.723 | 276 | 242922 | 1.590 | ng | 99 |

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

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