Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018366.D
Acq On : 07 Jan 2022 12:50
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC3.2

Quant Time: Jan 07 13:19:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 13:11:58 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.633 | 152 | 33870 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.407 | 136 | 145937 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.256 | 164 | 73879 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.993 | 188 | 127484 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.185 | 240 | 115988 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.412 | 264 | 114454 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.226 | 112 | 284803 | 4.197 | ng | 0.00 |
| 5) Phenol-d6 | 6.812 | 99 | 301523 | 4.593 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.772 | 82 | 349165 | 4.025 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.994 | 152 | 748273 | 3.048 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.740 | 330 | 120478 | 4.858 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.873 | 172 | 871849 | 3.118 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.028 | 212 | 1241462 | 3.060 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.634 | 244 | 813049 | 2.759 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.170 | 88 | 57890 | 2.995 | ng | # 59 |
| 3) n-Nitrosodimethylamine | 3.493 | 42 | 108926 | 3.915 | ng | 96 |
| 6) bis(2-Chloroethyl)ether | 7.061 | 93 | 304455 | 3.778 | ng | 99 |
| 9) Naphthalene | 10.445 | 128 | 1185996 | 3.286 | ng | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 221581 | 2.205 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.069 | 142 | 731193 | 3.161 | ng | 100 |
| 16) Acenaphthylene | 13.964 | 152 | 1071218 | 4.122 | ng | 100 |
| 17) Acenaphthene | 14.319 | 154 | 669087 | 3.506 | ng | 98 |
| 18) Fluorene | 15.296 | 166 | 780847 | 3.474 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198 | 52645 | 21.843 | ng | # 74 |
| 21) 4-Bromophenyl-phenylether | 16.190 | 248 | 246462 | 3.183 | ng | # 79 |
| 22) Hexachlorobenzene | 16.312 | 284 | 300186 | 3.043 | ng | # 91 |
| 23) Atrazine | 16.470 | 200 | 196765 | 4.229 | ng | 95 |
| 24) Pentachlorophenol | 16.652 | 266 | 108405 | 7.897 | ng | 99 |
| 25) Phenanthrene | 17.030 | 178 | 1164381 | 3.465 | ng | 100 |
| 26) Anthracene | 17.127 | 178 | 1090815 | 4.118 | ng | 100 |
| 28) Fluoranthene | 19.058 | 202 | 1246607 | 3.167 | ng | # 95 |
| 30) Pyrene | 19.420 | 202 | 1308543 | 2.877 | ng | 100 |
| 32) Benzo(a)anthracene | 21.174 | 228 | 1245042 | 4.006 | ng | 99 |
| 33) Chrysene | 21.217 | 228 | 1224138 | 3.278 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149 | 889023 | 6.140 | ng | # 95 |
| 36) Indeno(1,2,3-cd)pyrene | 25.668 | 276 | 1303386 | 4.769 | ng | # 90 |
| 37) Benzo(b)fluoranthene | 22.742 | 252 | 1253094 | 3.445 | ng | # 97 |
| 38) Benzo(k)fluoranthene | 22.786 | 252 | 1212754 | 3.522 | ng | # 97 |
| 39) Benzo(a)pyrene | 23.310 | 252 | 1157442 | 3.658 | ng | # 96 |
| 40) Dibenzo(a,h)anthracene | 25.682 | 278 | 1029964 | 5.286 | ng | # 95 |
| 41) Benzo(g,h,i)perylene | 26.356 | 276 | 1139887 | 4.180 | ng | # 92 |

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

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