Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012225\
Data File : BN036010.D
Acq On : 22 Jan 2025 11:02
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

Quant Time: Jan 23 00:27:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:26:39 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.817 | 152 | 2035 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.611 | 136 | 3938 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.441 | 164 | 1936 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.186 | 188 | 3874 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.367 | 240 | 3177 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.666 | 264 | 3324 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.390 | 112 | 525 | 0.099 | ng | | 0.00 |
| 5) Phenol-d6 | 6.972 | 99 | 653 | 0.105 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.956 | 82 | 371 | 0.100 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.197 | 152 | 514 | 0.096 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.933 | 330 | 116 | 0.093 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.073 | 172 | 874 | 0.101 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.220 | 212 | 973 | 0.097 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.820 | 244 | 652 | 0.099 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 230 | 0.101 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.621 | 42 | 406 | 0.098 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.232 | 93 | 521 | 0.104 | ng | | 99 |
| 9) Naphthalene | 10.654 | 128 | 1131 | 0.099 | ng | # | 88 |
| 10) Hexachlorobutadiene | 10.953 | 225 | 377 | 0.102 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.268 | 142 | 691 | 0.097 | ng | | 97 |
| 16) Acenaphthylene | 14.163 | 152 | 888 | 0.097 | ng | | 98 |
| 17) Acenaphthene | 14.506 | 154 | 604 | 0.096 | ng | | 95 |
| 18) Fluorene | 15.489 | 166 | 766 | 0.097 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.560 | 198 | 69 | 0.076 | ng | # | 48 |
| 21) 4-Bromophenyl-phenylether | 16.379 | 248 | 276 | 0.100 | ng | # | 74 |
| 22) Hexachlorobenzene | 16.504 | 284 | 379 | 0.104 | ng | | 98 |
| 23) Atrazine | 16.652 | 200 | 179 | 0.090 | ng | # | 85 |
| 24) Pentachlorophenol | 16.839 | 266 | 127 | 0.081 | ng | | 96 |
| 25) Phenanthrene | 17.223 | 178 | 1118 | 0.096 | ng | | 97 |
| 26) Anthracene | 17.323 | 178 | 987 | 0.093 | ng | | 97 |
| 28) Fluoranthene | 19.248 | 202 | 1271 | 0.093 | ng | | 98 |
| 30) Pyrene | 19.611 | 202 | 1316 | 0.102 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.349 | 228 | 1148 | 0.100 | ng | | 92 |
| 33) Chrysene | 21.403 | 228 | 1192 | 0.101 | ng | | 95 |
| 34) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 730 | 0.116 | ng | | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 26.008 | 276 | 1267 | 0.095 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 22.973 | 252 | 1199 | 0.099 | ng | # | 73 |
| 38) Benzo(k)fluoranthene | 23.020 | 252 | 1186 | 0.097 | ng | # | 70 |
| 39) Benzo(a)pyrene | 23.564 | 252 | 1028 | 0.100 | ng | # | 67 |
| 40) Dibenzo(a,h)anthracene | 26.025 | 278 | 986 | 0.093 | ng | # | 73 |
| 41) Benzo(g,h,i)perylene | 26.721 | 276 | 1112 | 0.096 | ng | # | 79 |

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

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