Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091720\
Data File : BN011826.D
Acq On : 17 Sep 2020 16:34
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** ICVBN091720

Quant Time: Sep 17 19:15:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 19:12:47 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.715 | 152 | 1903 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.504 | 136 | 6958 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.357 | 164 | 4036 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.102 | 188 | 8475 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.312 | 240 | 8733 | 0.40 | ng | # | 0.00 |
| 36) Perylene-d12 | 23.566 | 264 | 8265 | 0.40 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.315 | 112 | 2398 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 6.886 | 99 | 2940 | 0.43 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.856 | 82 | 2986 | 0.43 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.095 | 152 | 5116 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.854 | 330 | 812 | 0.40 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.974 | 172 | 7299 | 0.42 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.147 | 212 | 10612 | 0.39 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.752 | 244 | 8517 | 0.43 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.270 | 88 | 1131 | 0.40 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.576 | 42 | 1548 | 0.41 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 7.143 | 93 | 2525 | 0.42 | ng | | 97 |
| 9) Naphthalene | 10.542 | 128 | 8121 | 0.41 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.846 | 225 | 1837 | 0.41 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.167 | 142 | 5550 | 0.41 | ng | | 96 |
| 16) Acenaphthylene | 14.078 | 152 | 7641 | 0.39 | ng | | 99 |
| 17) Acenaphthene | 14.420 | 154 | 5358 | 0.40 | ng | | 96 |
| 18) Fluorene | 15.410 | 166 | 6697 | 0.40 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.486 | 198 | 557 | 0.38 | ng | # | 60 |
| 21) 4-Bromophenyl-phenylether | 16.311 | 248 | 2009 | 0.40 | ng | | 95 |
| 22) Hexachlorobenzene | 16.421 | 284 | 2600 | 0.42 | ng | | 96 |
| 23) Atrazine | 16.579 | 200 | 1744 | 0.39 | ng | | 97 |
| 24) Pentachlorophenol | 16.761 | 266 | 967 | 0.38 | ng | | 96 |
| 25) Phenanthrene | 17.151 | 178 | 10820 | 0.40 | ng | | 100 |
| 26) Anthracene | 17.236 | 178 | 8912 | 0.38 | ng | | 99 |
| 28) Fluoranthene | 19.176 | 202 | 12331 | 0.39 | ng | | 99 |
| 30) Pyrene | 19.544 | 202 | 12540 | 0.41 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.301 | 228 | 11754 | 0.40 | ng | | 99 |
| 33) Chrysene | 21.344 | 228 | 12621 | 0.42 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.237 | 149 | 5910 | 0.39 | ng | | 97 |
| 35) Indeno(1,2,3-cd)pyrene | 25.825 | 276 | 14835 | 0.39 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.892 | 252 | 12632 | 0.41 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 22.933 | 252 | 13161 | 0.41 | ng | # | 90 |
| 39) Benzo(a)pyrene | 23.470 | 252 | 11043 | 0.40 | ng | # | 86 |
| 40) Dibenzo(a,h)anthracene | 25.846 | 278 | 11764 | 0.39 | ng | # | 92 |
| 41) Benzo(g,h,i)perylene | 26.516 | 276 | 12779 | 0.40 | ng | | 96 |

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

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