Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009777.D
Acq On : 19 Feb 2020 14:08
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 19 15:56:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 1007 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 3184 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 1986 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.80 | 188 | 4262 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.03 | 240 | 4259 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.14 | 264 | 4052 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.07 | 112 | 7362 | 3.18 | ng | | -0.02 |
| 5) Phenol-d6 | 6.62 | 99 | 9411 | 3.51 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.55 | 82 | 9687 | 3.82 | ng | | -0.04 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 21306 | 3.46 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.56 | 330 | 2835 | 3.78 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 26216 | 3.53 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 18.85 | 212 | 52083 | 3.56 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.47 | 244 | 34023 | 3.37 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 3381 | 3.219 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.40 | 42 | 6299 | 3.883 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 6.86 | 93 | 8910 | 3.228 | ng | | 94 |
| 9) Naphthalene | 10.20 | 128 | 28677 | 3.328 | ng | | 94 |
| 10) Hexachlorobutadiene | 10.49 | 225 | 6335 | 3.353 | ng | # | 96 |
| 12) 2-Methylnaphthalene | 11.84 | 142 | 20449 | 3.405 | ng | | 98 |
| 16) Acenaphthylene | 13.77 | 152 | 31162 | 3.638 | ng | | 99 |
| 17) Acenaphthene | 14.11 | 154 | 20362 | 3.380 | ng | | 99 |
| 18) Fluorene | 15.10 | 166 | 26610 | 3.390 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 6854 | 2.671 | ng | | 91 |
| 21) Hexachlorobenzene | 16.12 | 284 | 9183 | 3.361 | ng | | 99 |
| 22) Pentachlorophenol | 16.49 | 266 | 2738 | 3.569 | ng | | 86 |
| 23) Phenanthrene | 16.85 | 178 | 44087 | 3.443 | ng | | 99 |
| 24) Anthracene | 16.94 | 178 | 39249 | 3.651 | ng | | 100 |
| 26) Fluoranthene | 18.88 | 202 | 53911 | 3.589 | ng | | 100 |
| 28) Pyrene | 19.25 | 202 | 52695 | 3.264 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 51538 | 3.681 | ng | | 97 |
| 31) Chrysene | 21.06 | 228 | 53166 | 3.320 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 23689 | 3.826 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.18 | 276 | 61600 | 3.698 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.51 | 252 | 54062 | 3.627 | ng | # | 84 |
| 36) Benzo(k)fluoranthene | 22.55 | 252 | 55219 | 3.357 | ng | # | 89 |
| 37) Benzo(a)pyrene | 23.05 | 252 | 47470 | 3.618 | ng | # | 80 |
| 38) Dibenzo(a,h)anthracene | 25.19 | 278 | 50087 | 3.795 | ng | # | 90 |
| 39) Benzo(g,h,i)perylene | 25.80 | 276 | 50949 | 3.509 | ng | | 95 |

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

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