Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
Data File : BN011078.D
Acq On : 30 Jun 2020 12:55
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 30 13:34:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 11:38:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 2092 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.27 | 136 | 6310 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.13 | 164 | 3485 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.89 | 188 | 6721 | 0.40 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.10 | 240 | 7038 | 0.40 | ng | | -0.01 |
| 36) Perylene-d12 | 23.25 | 264 | 6067 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.18 | 112 | 16771 | 2.84 | ng | | 0.00 |
| 5) Phenol-d6 | 6.72 | 99 | 19847 | 2.84 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.64 | 82 | 17948 | 3.12 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.85 | 152 | 33964 | 3.05 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.64 | 330 | 4809 | 3.14 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.75 | 172 | 49191 | 3.03 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.93 | 212 | 65041 | 3.06 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.55 | 244 | 55340 | 2.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 9096 | 3.234 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 5104 | 3.253 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 6.96 | 93 | 17196 | 2.851 | ng | | 96 |
| 9) Naphthalene | 10.30 | 128 | 57238 | 2.987 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.61 | 225 | 13997 | 3.031 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.93 | 142 | 39501 | 3.078 | ng | | 99 |
| 16) Acenaphthylene | 13.85 | 152 | 55139 | 3.139 | ng | | 99 |
| 17) Acenaphthene | 14.20 | 154 | 35760 | 3.032 | ng | | 99 |
| 18) Fluorene | 15.20 | 166 | 46566 | 3.095 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylphenol | 15.29 | 198 | 3604 | 3.202 | ng | # | 43 |
| 21) 4-Bromophenyl-phenylether | 16.10 | 248 | 14438 | 3.107 | ng | # | 74 |
| 22) Hexachlorobenzene | 16.20 | 284 | 15495 | 3.015 | ng | | 96 |
| 23) Atrazine | 16.38 | 200 | 10547 | 3.071 | ng | | 95 |
| 24) Pentachlorophenol | 16.56 | 266 | 4984 | 3.067 | ng | | 93 |
| 25) Phenanthrene | 16.92 | 178 | 69585 | 3.072 | ng | | 99 |
| 26) Anthracene | 17.02 | 178 | 61135 | 3.252 | ng | | 99 |
| 28) Fluoranthene | 18.96 | 202 | 80410 | 3.106 | ng | | 99 |
| 30) Pyrene | 19.32 | 202 | 79077 | 2.920 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.09 | 228 | 75213 | 3.085 | ng | | 98 |
| 33) Chrysene | 21.14 | 228 | 79302 | 2.984 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 28449 | 2.902 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.34 | 276 | 85262 | 2.884 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.61 | 252 | 77970 | 3.250 | ng | # | 89 |
| 38) Benzo(k)fluoranthene | 22.66 | 252 | 81957 | 3.285 | ng | # | 88 |
| 39) Benzo(a)pyrene | 23.15 | 252 | 67972 | 3.189 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.36 | 278 | 69843 | 3.040 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 25.97 | 276 | 71952 | 3.023 | ng | | 96 |

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

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