Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
Data File : BN010939.D
Acq On : 17 Jun 2020 12:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC0.4

Quant Time: Jun 17 13:15:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 13:14:12 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 2162 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.29 | 136 | 7467 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.16 | 164 | 4046 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.91 | 188 | 8513 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.12 | 240 | 8034 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.27 | 264 | 9148 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.19 | 112 | 2140 | 0.51 | ng | | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 2216 | 0.45 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.68 | 82 | 2300 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.89 | 152 | 4785 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.67 | 330 | 565 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.79 | 172 | 7203 | 0.45 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.95 | 212 | 9794 | 0.42 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.57 | 244 | 7803 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 919 | 0.434 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.56 | 42 | 481 | 0.391 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 6.99 | 93 | 2105 | 0.439 | ng | | 98 |
| 9) Naphthalene | 10.34 | 128 | 7909 | 0.421 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.63 | 225 | 1905 | 0.411 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.96 | 142 | 5303 | 0.422 | ng | | 100 |
| 16) Acenaphthylene | 13.88 | 152 | 6953 | 0.420 | ng | | 99 |
| 17) Acenaphthene | 14.22 | 154 | 4778 | 0.423 | ng | | 98 |
| 18) Fluorene | 15.22 | 166 | 6119 | 0.420 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.11 | 248 | 1999 | 0.391 | ng | # | 78 |
| 21) Hexachlorobenzene | 16.23 | 284 | 2187 | 0.410 | ng | | 98 |
| 22) Pentachlorophenol | 16.58 | 266 | 735 | 0.410 | ng | | 97 |
| 23) Phenanthrene | 16.95 | 178 | 9592 | 0.413 | ng | | 99 |
| 24) Anthracene | 17.05 | 178 | 7884 | 0.406 | ng | | 100 |
| 26) Fluoranthene | 18.98 | 202 | 10913 | 0.413 | ng | | 99 |
| 28) Pyrene | 19.35 | 202 | 11024 | 0.415 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.11 | 228 | 9700 | 0.411 | ng | | 99 |
| 31) Chrysene | 21.15 | 228 | 11715 | 0.426 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 3320 | 0.422 | ng | | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 25.37 | 276 | 12684 | 0.412 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.63 | 252 | 10878 | 0.350 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.67 | 252 | 11991 | 0.362 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.17 | 252 | 9333 | 0.350 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.39 | 278 | 10137 | 0.333 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 26.01 | 276 | 10981 | 0.345 | ng | | 98 |

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

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