Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081419\

Quantitation Report (QT Reviewed)

Data File : BN007168.D
Acq On : 14 Aug 2019 18:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 15 11:13:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 5906 | 0.40 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.19 | 136 | 22011 | 0.40 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.08 | 164 | 13240 | 0.40 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.82 | 188 | 33762 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.05 | 240 | 34600 | 0.40 | ng | | -0.01 |
| 32) Perylene-d12 | 23.16 | 264 | 39106 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 2-Fluorophenol | 5.05 | 112 | 6290 | 0.44 | ng | | 0.00 |
| 4) Phenol-d6 | 6.61 | 99 | 7617 | 0.43 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.55 | 82 | 7832 | 0.44 | ng | | -0.01 |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152 | 16102 | 0.39 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.57 | 330 | 3126 | 0.44 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.71 | 172 | 2616 | 0.14 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 18.87 | 212 | 50697 | 0.42 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.49 | 244 | 44066 | 0.47 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 3.34 | 42 | 1588 | 0.409 | ng | # | 97 |
| 5) bis(2-Chloroethyl)ether | 6.86 | 93 | 6367 | 0.410 | ng | | 99 |
| 8) Naphthalene | 10.24 | 128 | 23973 | 0.388 | ng | | 99 |
| 9) Hexachlorobutadiene | 10.54 | 225 | 5389 | 0.410 | ng | # | 98 |
| 11) 2-Methylnaphthalene | 11.86 | 142 | 17322 | 0.396 | ng | | 97 |
| 15) Acenaphthylene | 13.79 | 152 | 29550 | 0.427 | ng | | 99 |
| 16) Acenaphthene | 14.13 | 154 | 18076 | 0.408 | ng | | 99 |
| 17) Fluorene | 15.12 | 166 | 25156 | 0.379 | ng | | 99 |
| 19) 4-Bromophenyl-phenylether | 16.03 | 248 | 9136 | 0.438 | ng | # | 92 |
| 20) Hexachlorobenzene | 16.14 | 284 | 8700 | 0.433 | ng | | 99 |
| 21) Pentachlorophenol | 16.48 | 266 | 3498 | 0.467 | ng | | 97 |
| 22) Phenanthrene | 16.87 | 178 | 43694 | 0.432 | ng | | 100 |
| 23) Anthracene | 16.95 | 178 | 41069 | 0.444 | ng | | 99 |
| 25) Fluoranthene | 18.90 | 202 | 55425 | 0.428 | ng | | 100 |
| 27) Pyrene | 19.26 | 202 | 57012 | 0.470 | ng | | 100 |
| 29) Benzo(a)anthracene | 21.02 | 228 | 57290 | 0.453 | ng | | 99 |
| 30) Chrysene | 21.08 | 228 | 54404 | 0.443 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 66923 | 0.494 | ng | | 98 |
| 33) Benzo(b)fluoranthene | 22.53 | 252 | 58797 | 0.438 | ng | | 97 |
| 34) Benzo(k)fluoranthene | 22.58 | 252 | 56490m | 0.427 | ng | | |
| 35) Benzo(a)pyrene | 23.07 | 252 | 53971 | 0.444 | ng | # | 97 |
| 36) Dibenzo(a,h)anthracene | 25.25 | 278 | 54442 | 0.449 | ng | # | 96 |
| 37) Benzo(g,h,i)perylene | 25.86 | 276 | 54427 | 0.436 | ng | | 98 |

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

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