Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007545.D
Acq On : 06 Sep 2019 17:00
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 06 18:24:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 5759 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.15 | 136 | 23226 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.04 | 164 | 12266 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 27136 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.01 | 240 | 26637 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.11 | 264 | 29931 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.02 | 112 | 7178 | 0.36 | ng | | -0.02 |
| 5) Phenol-d6 | 6.58 | 99 | 8483 | 0.33 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 7418 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.75 | 152 | 14315 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 1941 | 0.30 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.65 | 172 | 20567 | 0.42 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 18.84 | 212 | 32024 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.45 | 244 | 27767 | 0.40 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.00 | 88 | 4275 | 0.447 | ng | # | 82 |
| 3) n-Nitrosodimethylamine | 3.33 | 42 | 1274 | 0.287 | ng | # | 77 |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 7890 | 0.379 | ng | | 99 |
| 9) Naphthalene | 10.19 | 128 | 26575 | 0.400 | ng | # | 90 |
| 10) Hexachlorobutadiene | 10.49 | 225 | 4895 | 0.360 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 11.82 | 142 | 17298 | 0.383 | ng | | 95 |
| 16) Acenaphthylene | 13.75 | 152 | 23750 | 0.327 | ng | | 99 |
| 17) Acenaphthene | 14.10 | 154 | 16823 | 0.396 | ng | | 98 |
| 18) Fluorene | 15.10 | 166 | 21254 | 0.396 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 1177 | 0.110 | ng | | 90 |
| 21) Hexachlorobenzene | 16.11 | 284 | 7379 | 0.406 | ng | | 97 |
| 22) Pentachlorophenol | 16.46 | 266 | 1375 | 0.243 | ng | # | 64 |
| 23) Phenanthrene | 16.83 | 178 | 34605 | 0.424 | ng | | 99 |
| 24) Anthracene | 16.92 | 178 | 29374 | 0.358 | ng | | 99 |
| 26) Fluoranthene | 18.87 | 202 | 40838 | 0.390 | ng | | 99 |
| 28) Pyrene | 19.23 | 202 | 41790 | 0.390 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 36014 | 0.344 | ng | | 99 |
| 31) Chrysene | 21.05 | 228 | 42720 | 0.423 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.95 | 149 | 15936 | 0.216 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.17 | 276 | 52993 | 0.436 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.49 | 252 | 41631 | 0.384 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 22.54 | 252 | 48210 | 0.450 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.02 | 252 | 39374 | 0.382 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 25.18 | 278 | 42241 | 0.410 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 25.79 | 276 | 42985 | 0.419 | ng | | 99 |

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

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