Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007360.D
Acq On : 24 Aug 2019 12:32
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
8/31/2019 2:39:56 PM

Quant Time: Aug 24 23:56:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 5897 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 24717 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 13375 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.79 | 188 | 29631 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.02 | 240 | 29276 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.13 | 264 | 32289 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.04 | 112 | 8024 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 10085 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 8474 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 16969 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.55 | 330 | 2990 | 0.43 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.66 | 172 | 22361 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.84 | 212 | 39637 | 0.42 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.47 | 244 | 31702 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 3520 | 0.359 | ng | # | 80 |
| 3) n-Nitrosodimethylamine | 3.33 | 42 | 1593 | 0.350 | ng | # | 87 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 8539 | 0.401 | ng | | 95 |
| 9) Naphthalene | 10.20 | 128 | 28960 | 0.410 | ng | # | 90 |
| 10) Hexachlorobutadiene | 10.51 | 225 | 5934 | 0.410 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.83 | 142 | 19809 | 0.412 | ng | | 97 |
| 16) Acenaphthylene | 13.76 | 152 | 32818 | 0.415 | ng | | 99 |
| 17) Acenaphthene | 14.11 | 154 | 19240 | 0.416 | ng | | 97 |
| 18) Fluorene | 15.10 | 166 | 24932 | 0.426 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.01 | 248 | 4855 | 0.415 | ng | | 95 |
| 21) Hexachlorobenzene | 16.11 | 284 | 8854 | 0.446 | ng | | 96 |
| 22) Pentachlorophenol | 16.46 | 266 | 2927 | 0.474 | ng | # | 64 |
| 23) Phenanthrene | 16.84 | 178 | 38365 | 0.430 | ng | | 99 |
| 24) Anthracene | 16.93 | 178 | 37609 | 0.420 | ng | | 99 |
| 26) Fluoranthene | 18.87 | 202 | 47902 | 0.419 | ng | | 100 |
| 28) Pyrene | 19.24 | 202 | 49463 | 0.420 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.00 | 228 | 47547 | 0.414 | ng | | 98 |
| 31) Chrysene | 21.06 | 228 | 47457 | 0.428 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 29274 | 0.374 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 56211 | 0.420 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.51 | 252 | 49533m | 0.423 | ng | | |
| 36) Benzo(k)fluoranthene | 22.55 | 252 | 47218 | 0.408 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.04 | 252 | 45709 | 0.411 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 25.21 | 278 | 45662 | 0.411 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 25.81 | 276 | 45640 | 0.412 | ng | | 97 |

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

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