Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008021.D
Acq On : 05 Oct 2019 01:44
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
10/7/2019 8:45:59 AM

Quant Time: Oct 05 04:31:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 4580 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.46 | 136 | 17963 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 10541 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 21874 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.26 | 240 | 23365 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.47 | 264 | 26166 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.31 | 112 | 5942 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.89 | 99 | 7596 | 0.39 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 6385 | 0.41 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 12498 | 0.41 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.81 | 330 | 2530 | 0.44 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.93 | 172 | 17017 | 0.39 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 30256 | 0.41 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.70 | 244 | 25387 | 0.44 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 2584m | 0.506 | ng | | |
| 3) n-Nitrosodimethylamine | 2.98 | 42 | 1508 | 0.645 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.11 | 93 | 7235 | 0.558 | ng | # | 80 |
| 9) Naphthalene | 10.51 | 128 | 20731 | 0.411 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.80 | 225 | 4863 | 0.458 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.12 | 142 | 14338 | 0.421 | ng | | 99 |
| 16) Acenaphthylene | 14.02 | 152 | 32623 | 0.584 | ng | | 99 |
| 17) Acenaphthene | 14.37 | 154 | 14415 | 0.400 | ng | | 97 |
| 18) Fluorene | 15.36 | 166 | 20596 | 0.446 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.25 | 248 | 5640 | 0.425 | ng | # | 81 |
| 21) Hexachlorobenzene | 16.38 | 284 | 6233 | 0.429 | ng | | 97 |
| 22) Pentachlorophenol | 16.73 | 266 | 2742 | 0.512 | ng | | 99 |
| 23) Phenanthrene | 17.10 | 178 | 28764 | 0.422 | ng | | 99 |
| 24) Anthracene | 17.19 | 178 | 27357 | 0.445 | ng | | 100 |
| 26) Fluoranthene | 19.13 | 202 | 36234 | 0.428 | ng | | 99 |
| 28) Pyrene | 19.49 | 202 | 37335 | 0.469 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.24 | 228 | 36659 | 0.426 | ng | # | 83 |
| 31) Chrysene | 21.29 | 228 | 33824 | 0.403 | ng | # | 87 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 24500m | 0.554 | ng | | |
| 33) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 41296 | 0.393 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 36228 | 0.399 | ng | # | 60 |
| 36) Benzo(k)fluoranthene | 22.85 | 252 | 34577 | 0.385 | ng | # | 63 |
| 37) Benzo(a)pyrene | 23.38 | 252 | 35222 | 0.413 | ng | # | 49 |
| 38) Dibenzo(a,h)anthracene | 25.70 | 278 | 34084 | 0.390 | ng | # | 67 |
| 39) Benzo(g,h,i)perylene | 26.36 | 276 | 34423 | 0.398 | ng | # | 74 |

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

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