Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100046.D
Acq On : 15 Jun 2019 6:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

**Manual Integrations APPROVED**
mohammad
6/17/2019 4:52:02 PM

Quant Time: Jun 15 06:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 978 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.59 | 136 | 3609 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 2648 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 7366 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 9796 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.92 | 264 | 10910 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 1084 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 6.96 | 99 | 1420 | 0.42 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1389 | 0.41 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 2614 | 0.42 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 592 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 4242 | 0.42 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 39982 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.85 | 244 | 7712 | 0.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 497 | 0.343 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 237m | 0.284 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.22 | 93 | 1041 | 0.375 | ng | | 90 |
| 9) Naphthalene | 10.64 | 128 | 16106 | 0.413 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.91 | 225 | 1347 | 0.453 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 2600 | 0.411 | ng | | 96 |
| 16) Acenaphthylene | 14.18 | 152 | 5327 | 0.404 | ng | | 99 |
| 17) Acenaphthene | 14.53 | 154 | 2886 | 0.402 | ng | | 99 |
| 18) Fluorene | 15.50 | 166 | 4295 | 0.399 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.40 | 248 | 1895 | 0.454 | ng | # | 87 |
| 21) Hexachlorobenzene | 16.51 | 284 | 1946 | 0.456 | ng | | 98 |
| 22) Pentachlorophenol | 16.89 | 266 | 484 | 0.536 | ng | | 92 |
| 23) Phenanthrene | 17.26 | 178 | 7536 | 0.422 | ng | | 99 |
| 24) Anthracene | 17.35 | 178 | 6681 | 0.408 | ng | | 99 |
| 26) Fluoranthene | 19.28 | 202 | 11660 | 0.384 | ng | | 99 |
| 28) Pyrene | 19.64 | 202 | 12134 | 0.471 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.38 | 228 | 13146 | 0.449 | ng | | 100 |
| 31) Chrysene | 21.44 | 228 | 12989 | 0.429 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 16506 | 0.393 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.61 | 276 | 13543 | 0.377 | ng | # | 94 |
| 35) Benzo(b)fluoranthene | 23.14 | 252 | 12601m | 0.412 | ng | | |
| 36) Benzo(k)fluoranthene | 23.20 | 252 | 13755 | 0.430 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.81 | 252 | 12489 | 0.415 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.64 | 278 | 10476 | 0.345 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 27.43 | 276 | 11675 | 0.373 | ng | | 98 |

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

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