Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
Data File : BE100535.D
Acq On : 23 Sep 2019 10:34
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
9/24/2019 2:37:44 PM

Quant Time: Sep 23 12:23:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 6251 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.65 | 136 | 28488 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.48 | 164 | 15907 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 35247 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 41736 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.83 | 264 | 46121 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.43 | 112 | 5302 | 0.36 | ng | | 0.00 |
| 5) Phenol-d6 | 7.02 | 99 | 7146 | 0.36 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 5919 | 0.36 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 16152 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 875 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 22413 | 0.39 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.23 | 212 | 161824 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 38708 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 3588 | 0.398 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 1855m | 0.351 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 7600 | 0.375 | ng | | 96 |
| 9) Naphthalene | 10.69 | 128 | 115112 | 0.390 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 3703 | 0.392 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 17749 | 0.378 | ng | | 99 |
| 16) Acenaphthylene | 14.21 | 152 | 23484 | 0.359 | ng | | 100 |
| 17) Acenaphthene | 14.54 | 154 | 16883 | 0.382 | ng | | 99 |
| 18) Fluorene | 15.51 | 166 | 20966 | 0.379 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 6304 | 0.381 | ng | # | 70 |
| 21) Hexachlorobenzene | 16.52 | 284 | 5575 | 0.386 | ng | | 98 |
| 22) Pentachlorophenol | 16.88 | 266 | 693 | 0.377 | ng | | 97 |
| 23) Phenanthrene | 17.24 | 178 | 37308 | 0.380 | ng | | 100 |
| 24) Anthracene | 17.33 | 178 | 29394 | 0.356 | ng | | 99 |
| 26) Fluoranthene | 19.25 | 202 | 45806 | 0.387 | ng | | 100 |
| 28) Pyrene | 19.62 | 202 | 46090 | 0.384 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 42465 | 0.381 | ng | | 100 |
| 31) Chrysene | 21.40 | 228 | 48981 | 0.386 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 43310 | 0.360 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.45 | 276 | 52325 | 0.371 | ng | # | 89 |
| 35) Benzo(b)fluoranthene | 23.08 | 252 | 45317 | 0.363 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.13 | 252 | 55249 | 0.383 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.73 | 252 | 42143 | 0.362 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.48 | 278 | 43089 | 0.355 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 27.24 | 276 | 46567 | 0.368 | ng | | 100 |

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

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