Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE098001.D
Acq On : 19 Oct 2018 20:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Oct 19 23:21:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 1913 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.68 | 136 | 9792 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 6883 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 16947 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.47 | 240 | 18927 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.03 | 264 | 18565 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 2593 | 0.43 | ng | | -0.01 |
| 5) Phenol-d6 | 7.05 | 99 | 4250 | 0.48 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 3894 | 0.42 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 7516 | 0.46 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 1440 | 0.39 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 11278 | 0.40 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.32 | 212 | 88207 | 0.38 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.92 | 244 | 17996 | 0.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.38 | 88 | 1455 | 0.436 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.70 | 42 | 1422 | 0.382 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 3069 | 0.405 | ng | | 95 |
| 9) Naphthalene | 10.73 | 128 | 42335 | 0.434 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 2358 | 0.449 | ng | | 94 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 7572 | 0.453 | ng | | 98 |
| 16) Acenaphthylene | 14.27 | 152 | 13370 | 0.420 | ng | | 99 |
| 17) Acenaphthene | 14.61 | 154 | 8169 | 0.420 | ng | | 99 |
| 18) Fluorene | 15.59 | 166 | 10913 | 0.408 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 4103 | 0.443 | ng | # | 88 |
| 21) Hexachlorobenzene | 16.60 | 284 | 4215 | 0.463 | ng | | 99 |
| 22) Pentachlorophenol | 16.95 | 266 | 1393 | 0.589 | ng | | 96 |
| 23) Phenanthrene | 17.33 | 178 | 17714 | 0.411 | ng | | 100 |
| 24) Anthracene | 17.42 | 178 | 16771 | 0.412 | ng | | 99 |
| 26) Fluoranthene | 19.35 | 202 | 21670 | 0.384 | ng | | 97 |
| 28) Pyrene | 19.71 | 202 | 22912 | 0.420 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.46 | 228 | 24267 | 0.418 | ng | | 97 |
| 31) Chrysene | 21.51 | 228 | 23849 | 0.434 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.38 | 149 | 53716 | 0.397 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.72 | 276 | 25394 | 0.426 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.24 | 252 | 22311 | 0.418 | ng | # | 91 |
| 36) Benzo(k)fluoranthene | 23.30 | 252 | 23797 | 0.427 | ng | # | 91 |
| 37) Benzo(a)pyrene | 23.91 | 252 | 22141 | 0.425 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 26.75 | 278 | 21132 | 0.414 | ng | # | 94 |
| 39) Benzo(g,h,i)perylene | 27.55 | 276 | 21205 | 0.406 | ng | # | 91 |

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

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