Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100729.D
Acq On : 15 Nov 2019 10:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 15 22:30:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 2234 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.55 | 136 | 9241 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.40 | 164 | 5771 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 13429 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.29 | 240 | 17216 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.73 | 264 | 19292 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 2583 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 6.94 | 99 | 3520 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.91 | 82 | 2888 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.15 | 152 | 5936 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 172 | 0.40 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.03 | 172 | 8790 | 0.42 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.16 | 212 | 68073 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.75 | 244 | 16249 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 1650 | 0.424 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 1517 | 0.392 | ng | # | 89 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 3188 | 0.395 | ng | | 94 |
| 9) Naphthalene | 10.60 | 128 | 39165 | 0.409 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.90 | 225 | 1769 | 0.400 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.22 | 142 | 6549 | 0.401 | ng | | 96 |
| 16) Acenaphthylene | 14.13 | 152 | 8628 | 0.370 | ng | | 99 |
| 17) Acenaphthene | 14.47 | 154 | 6127 | 0.400 | ng | | 100 |
| 18) Fluorene | 15.43 | 166 | 8280 | 0.395 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 2722 | 0.384 | ng | | 95 |
| 21) Hexachlorobenzene | 16.45 | 284 | 2631 | 0.382 | ng | | 99 |
| 23) Phenanthrene | 17.17 | 178 | 14552 | 0.398 | ng | | 99 |
| 24) Anthracene | 17.25 | 178 | 12144 | 0.371 | ng | | 99 |
| 26) Fluoranthene | 19.18 | 202 | 18582 | 0.380 | ng | | 99 |
| 28) Pyrene | 19.55 | 202 | 19041 | 0.398 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.28 | 228 | 20852 | 0.377 | ng | | 99 |
| 31) Chrysene | 21.33 | 228 | 22217 | 0.396 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 27516 | 0.281 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.28 | 276 | 25781 | 0.392 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.98 | 252 | 22193 | 0.394 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.03 | 252 | 22639 | 0.384 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.62 | 252 | 20397 | 0.389 | ng | | 100 |
| 38) Dibenzo(a,h)anthracene | 26.32 | 278 | 21488 | 0.393 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.07 | 276 | 21004 | 0.391 | ng | | 99 |

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

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