Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097724.D
Acq On : 4 Oct 2018 13:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 06:50:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 3051 | 0.40 | ng | | 0.01 |
| 7) Naphthalene-d8 | 10.71 | 136 | 13034 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.57 | 164 | 7523 | 0.40 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.30 | 188 | 20644 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.49 | 240 | 26211 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.05 | 264 | 23046 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.48 | 112 | 2991 | 0.41 | ng | | 0.01 |
| 5) Phenol-d6 | 7.06 | 99 | 4313 | 0.39 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 2167 | 0.51 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 7868 | 0.38 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 16.04 | 330 | 579 | 0.42 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.19 | 172 | 12088 | 0.36 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.34 | 212 | 97606 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.94 | 244 | 20971 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 2386 | 0.392 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.70 | 42 | 2054 | 0.371 | ng | # | 86 |
| 6) bis(2-Chloroethyl)ether | 7.33 | 93 | 4483 | 0.392 | ng | | 97 |
| 9) Naphthalene | 10.76 | 128 | 49808 | 0.379 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.06 | 225 | 2682 | 0.385 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 7948 | 0.378 | ng | | 95 |
| 16) Acenaphthylene | 14.28 | 152 | 11892 | 0.357 | ng | | 98 |
| 17) Acenaphthene | 14.63 | 154 | 8089 | 0.379 | ng | | 98 |
| 18) Fluorene | 15.60 | 166 | 10843 | 0.383 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.51 | 248 | 4201 | 0.388 | ng | # | 91 |
| 21) Hexachlorobenzene | 16.62 | 284 | 4637 | 0.381 | ng | | 98 |
| 22) Pentachlorophenol | 16.95 | 266 | 780 | 0.408 | ng | | 90 |
| 23) Phenanthrene | 17.35 | 178 | 21155 | 0.398 | ng | | 100 |
| 24) Anthracene | 17.44 | 178 | 17167 | 0.374 | ng | | 99 |
| 26) Fluoranthene | 19.37 | 202 | 25297 | 0.373 | ng | | 99 |
| 28) Pyrene | 19.73 | 202 | 25919 | 0.389 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.47 | 228 | 25191 | 0.357 | ng | | 99 |
| 31) Chrysene | 21.52 | 228 | 31064 | 0.394 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.43 | 149 | 17883 | 0.347 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.75 | 276 | 24853 | 0.363 | ng | # | 91 |
| 35) Benzo(b)fluoranthene | 23.26 | 252 | 23318 | 0.369 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.32 | 252 | 26900 | 0.384 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.93 | 252 | 20889 | 0.365 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.78 | 278 | 20419 | 0.362 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 27.57 | 276 | 22145 | 0.375 | ng | | 97 |

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

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