Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
Data File : BE093889.D
Acq On : 28 Aug 2017 9:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 11:53:21 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 11:26:07 2017
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1892 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 9459 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 5221 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 12230 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.42 | 240 | 12865 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.93 | 264 | 10798 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.51 | 112 | 2228 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 3350 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 2975 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 5887 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 479 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 8136 | 0.39 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 53934 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 9000 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 1021 | 0.393 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.75 | 42 | 1149 | 0.397 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 2695 | 0.393 | ng | | 97 |
| 9) Naphthalene | 10.76 | 128 | 42297 | 0.393 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 1488 | 0.391 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.36 | 142 | 6973 | 0.387 | ng | | 99 |
| 16) Acenaphthylene | 14.24 | 152 | 9833 | 0.381 | ng | | 99 |
| 17) Acenaphthene | 14.58 | 154 | 6804 | 0.390 | ng | | 100 |
| 18) Fluorene | 15.56 | 166 | 8855 | 0.393 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1803 | 0.374 | ng | | 96 |
| 21) Hexachlorobenzene | 16.55 | 284 | 1658 | 0.394 | ng | # | 100 |
| 22) Pentachlorophenol | 16.94 | 266 | 630 | 0.329 | ng | | 94 |
| 23) Phenanthrene | 17.27 | 178 | 11324 | 0.364 | ng | # | 63 |
| 24) Anthracene | 17.37 | 178 | 13018m | 0.351 | ng | | |
| 26) Fluoranthene | 19.30 | 202 | 16271 | 0.382 | ng | | 100 |
| 28) Pyrene | 19.67 | 202 | 16769 | 0.387 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 14323 | 0.375 | ng | | 97 |
| 31) Chrysene | 21.45 | 228 | 16248 | 0.383 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 28077 | 0.349 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 10588 | 0.365 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 23.15 | 252 | 12251 | 0.355 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.20 | 252 | 14525 | 0.369 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 12836 | 0.375 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 26.61 | 278 | 8688 | 0.360 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.39 | 276 | 9721 | 0.369 | ng | | 99 |

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

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