Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093885.D
Acq On : 26 Aug 2017 11:36
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

Quant Time: Aug 28 02:07:08 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 01:59:34 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1886 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 9779 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.51 | 164 | 5349 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 14004 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.42 | 240 | 12738 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.92 | 264 | 10576 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.52 | 112 | 9694 | 1.60 | ng | | 0.00 |
| 5) Phenol-d6 | 7.09 | 99 | 14915 | 1.62 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 13610 | 1.63 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 25163 | 1.61 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 2425 | 1.68 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 34231 | 1.63 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 227868 | 1.43 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 37701 | 1.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.43 | 88 | 3682 | 1.315 | ng | | 92 |
| 3) n-Nitrosodimethylamine | 3.74 | 42 | 5123 | 1.771 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.33 | 93 | 11536 | 1.613 | ng | | 98 |
| 9) Naphthalene | 10.76 | 128 | 176730 | 1.579 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.04 | 225 | 6355 | 1.546 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.36 | 142 | 30151 | 1.603 | ng | | 100 |
| 16) Acenaphthylene | 14.24 | 152 | 45245 | 1.696 | ng | | 100 |
| 17) Acenaphthene | 14.59 | 154 | 29568 | 1.647 | ng | | 98 |
| 18) Fluorene | 15.56 | 166 | 37649 | 1.620 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 6877 | 1.606 | ng | # | 1 |
| 21) Hexachlorobenzene | 16.55 | 284 | 6212 | 1.421 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 3661 | 1.332 | ng | # | 90 |
| 23) Phenanthrene | 17.27 | 178 | 49995 | 1.630 | ng | # | 63 |
| 24) Anthracene | 17.37 | 178 | 70744 | 1.624 | ng | # | 98 |
| 26) Fluoranthene | 19.30 | 202 | 68312 | 1.400 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 69866 | 1.676 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 62476 | 1.572 | ng | | 98 |
| 31) Chrysene | 21.45 | 228 | 68454 | 1.661 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 128188 | 1.525 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.57 | 276 | 46981 | 1.252 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.15 | 252 | 57718 | 1.619 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 23.20 | 252 | 60492 | 1.615 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.81 | 252 | 54175 | 1.590 | ng | | 95 |
| 38) Dibenzo(a,h)anthracene | 26.59 | 278 | 40323 | 1.310 | ng | | 94 |
| 39) Benzo(g,h,i)perylene | 27.39 | 276 | 41672 | 1.337 | ng | | 96 |

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

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