Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
Data File : BE091942.D
Acq On : 24 Jun 2016 11:34
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 24 16:14:56 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.20 | 152 | 24903 | 5.00 | ng | | 0.00 |
| 8) Naphthalene-d8 | 10.99 | 136 | 112293 | 5.00 | ng | | 0.00 |
| 15) Acenaphthene-d10 | 14.86 | 164 | 81076 | 5.00 | ng | | 0.00 |
| 24) Phenanthrene-d10 | 17.61 | 188 | 167296 | 5.00 | ng | | 0.00 |
| 31) Chrysene-d12 | 21.76 | 240 | 269343 | 5.00 | ng | | 0.00 |
| 40) Perylene-d12 | 24.16 | 264 | 192720 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.72 | 112 | 1917 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.37 | 99 | 2357 | 0.43 | ng | | 0.02 |
| 9) Nitrobenzene-d5 | 9.38 | 82 | 2810 | 0.36 | ng | | 0.02 |
| 16) 2,4,6-Tribromophenol | 16.35 | 330 | 538 | 0.33 | ng | | 0.00 |
| 17) 2-Fluorobiphenyl | 13.49 | 172 | 8225 | 0.40 | ng | | 0.00 |
| 34) Terphenyl-d14 | 20.22 | 244 | 11933 | 0.36 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.47 | 88 | 1494 | 0.43 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.82 | 42 | 1501 | 0.38 | ng | # | 83 |
| 6) bis(2-Chloroethyl)ether | 7.61 | 93 | 2794 | 0.39 | ng | | 97 |
| 7) n-Nitroso-di-n-propylamine | 9.00 | 70 | 2196 | 0.44 | ng | # | 97 |
| 10) Nitrobenzene | 9.42 | 77 | 2825 | 0.37 | ng | # | 99 |
| 11) bis(2-Chloroethoxy)methane | 10.42 | 93 | 4135 | 0.42 | ng | # | 21 |
| 12) Naphthalene | 11.04 | 128 | 10233 | 0.42 | ng | | 95 |
| 13) Hexachlorobutadiene | 11.34 | 225 | 1678 | 0.42 | ng | | 99 |
| 14) 2-Methylnaphthalene | 12.68 | 142 | 6664 | 0.40 | ng | | 97 |
| 18) Acenaphthylene | 14.56 | 152 | 31904 | 0.39 | ng | # | 61 |
| 19) 2,6-Dinitrotoluene | 14.44 | 165 | 3578 | 0.44 | ng | # | 1 |
| 20) Acenaphthene | 14.92 | 154 | 9008 | 0.40 | ng | # | 1 |
| 21) 2,4-Dinitrotoluene | 15.25 | 165 | 3372m | 0.33 | ng | | |
| 22) Fluorene | 15.90 | 166 | 8796 | 0.39 | ng | | 98 |
| 23) 4-Chlorophenyl-phenylether | 15.90 | 204 | 4461 | 0.40 | ng | | 94 |
| 25) 4-Bromophenyl-phenylether | 16.78 | 248 | 2695 | 0.42 | ng | | 95 |
| 26) Hexachlorobenzene | 16.90 | 284 | 2744 | 0.41 | ng | | 96 |
| 27) Pentachlorophenol | 17.26 | 266 | 552 | 0.38 | ng | | 97 |
| 28) Phenanthrene | 17.64 | 178 | 17654 | 0.42 | ng | | 100 |
| 29) Anthracene | 17.73 | 178 | 14791 | 0.40 | ng | | 100 |
| 30) Fluoranthene | 19.65 | 202 | 71505 | 0.40 | ng | # | 87 |
| 32) Benzidine | 19.83 | 184 | 3409 | 0.42 | ng | # | 94 |
| 33) Pyrene | 20.02 | 202 | 68149 | 0.37 | ng | # | 80 |
| 35) Benzo(a)anthracene | 21.73 | 228 | 18053m | 0.43 | ng | | |
| 36) 3,3'-Dichlorobenzidine | 21.70 | 252 | 2170 | 0.32 | ng | # | 98 |
| 37) Chrysene | 21.78 | 228 | 27640m | 0.45 | ng | | |
| 38) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 11897 | 0.44 | ng | # | 100 |
| 39) Indeno(1,2,3-cd)pyrene | 26.68 | 276 | 78161 | 0.37 | ng | | 98 |
| 41) Benzo(b)fluoranthene | 23.42 | 252 | 18380 | 0.37 | ng | | 99 |
| 42) Benzo(k)fluoranthene | 23.48 | 252 | 19757 | 0.44 | ng | | 100 |
| 43) Benzo(a)pyrene | 24.06 | 252 | 16537 | 0.38 | ng | | 98 |
| 44) Dibenzo(a,h)anthracene | 26.70 | 278 | 16020 | 0.38 | ng | # | 95 |
| 45) Benzo(g,h,i)perylene | 27.47 | 276 | 69614 | 0.40 | ng | | 99 |

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

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