Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
Data File : BE092602.D
Acq On : 19 Dec 2016 11:13
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
sohil
12/20/2016 6:33:37 PM

Quant Time: Dec 19 15:11:38 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 14:52:01 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 7705 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.93 | 136 | 38062 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.80 | 164 | 27210 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 58392 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.72 | 240 | 76185 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.06 | 264 | 69004 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.69 | 112 | 403 | 0.31 | ng | | 0.00 |
| 5) Phenol-d6 | 7.38 | 99 | 529 | 0.31 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.36 | 82 | 679m | 0.33 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 195 | 0.32 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 2372 | 0.36 | ng | | 0.00 |
| 26) Terphenyl-d14 | 20.17 | 244 | 3322 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 445 | 0.42 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.79 | 42 | 291 | 0.29 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 557 | 0.27 | ng | # | 67 |
| 9) Naphthalene | 10.97 | 128 | 2896 | 0.37 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.26 | 225 | 446 | 0.37 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.63 | 142 | 1781 | 0.36 | ng | | 99 |
| 15) Acenaphthylene | 14.51 | 152 | 13372 | 0.35 | ng | | 99 |
| 16) Acenaphthene | 14.85 | 154 | 2294 | 0.37 | ng | | 96 |
| 17) Fluorene | 15.86 | 166 | 2758 | 0.36 | ng | | 97 |
| 19) Hexachlorobenzene | 16.87 | 284 | 925m | 0.40 | ng | | |
| 20) Pentachlorophenol | 17.23 | 266 | 117 | 0.28 | ng | # | 86 |
| 21) Phenanthrene | 17.58 | 178 | 5195 | 0.40 | ng | # | 95 |
| 22) Anthracene | 17.70 | 178 | 4561 | 0.37 | ng | | 99 |
| 23) Fluoranthene | 19.59 | 202 | 22326 | 0.37 | ng | | 99 |
| 25) Pyrene | 19.95 | 202 | 23588 | 0.39 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.70 | 228 | 23438 | 0.33 | ng | # | 89 |
| 28) Chrysene | 21.75 | 228 | 29229m | 0.45 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 2095 | 0.45 | ng | # | 76 |
| 30) Indeno(1,2,3-cd)pyrene | 26.56 | 276 | 24602 | 0.34 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.35 | 252 | 5559 | 0.33 | ng | | 98 |
| 33) Benzo(k)fluoranthene | 23.39 | 252 | 6165 | 0.35 | ng | | 97 |
| 34) Benzo(a)pyrene | 23.96 | 252 | 5148 | 0.33 | ng | | 98 |
| 35) Dibenzo(a,h)anthracene | 26.58 | 278 | 4893 | 0.32 | ng | # | 95 |
| 36) Benzo(g,h,i)perylene | 27.33 | 276 | 21937 | 0.34 | ng | | 96 |

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

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