Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092326.D
Acq On : 1 Sep 2016 13:21
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
sohil
9/2/2016 4:33:50 PM

Quant Time: Sep 02 03:20:54 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.19 | 152 | 8148 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.95 | 136 | 39900 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 24694 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.58 | 188 | 60388 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 87748 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.12 | 264 | 85315 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.69 | 112 | 788 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 7.36 | 99 | 941 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.36 | 82 | 898 | 0.34 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.32 | 330 | 330 | 0.47 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.44 | 172 | 2784 | 0.36 | ng | | 0.00 |
| 26) Terphenyl-d14 | 20.19 | 244 | 4551 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 449 | 0.39 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.79 | 42 | 452 | 0.37 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 761 | 0.39 | ng | # | 100 |
| 9) Naphthalene | 11.01 | 128 | 3302 | 0.37 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.30 | 225 | 523 | 0.39 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.63 | 142 | 2125 | 0.39 | ng | | 100 |
| 15) Acenaphthylene | 14.54 | 152 | 15655 | 0.37 | ng | | 100 |
| 16) Acenaphthene | 14.88 | 154 | 2569 | 0.37 | ng | | 100 |
| 17) Fluorene | 15.87 | 166 | 3263 | 0.39 | ng | | 100 |
| 19) Hexachlorobenzene | 16.89 | 284 | 991 | 0.40 | ng | | 100 |
| 20) Pentachlorophenol | 17.26 | 266 | 264 | 0.42 | ng | | 100 |
| 21) Phenanthrene | 17.60 | 178 | 5636 | 0.39 | ng | # | 100 |
| 22) Anthracene | 17.72 | 178 | 5229 | 0.40 | ng | | 100 |
| 23) Fluoranthene | 19.61 | 202 | 28055 | 0.43 | ng | | 100 |
| 25) Pyrene | 19.97 | 202 | 30340 | 0.37 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.72 | 228 | 36778m | 0.40 | ng | | |
| 28) Chrysene | 21.77 | 228 | 33201m | 0.41 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 3581 | 0.57 | ng | # | 100 |
| 30) Indeno(1,2,3-cd)pyrene | 26.62 | 276 | 36999 | 0.43 | ng | | 100 |
| 32) Benzo(b)fluoranthene | 23.38 | 252 | 7875 | 0.39 | ng | | 100 |
| 33) Benzo(k)fluoranthene | 23.44 | 252 | 8941 | 0.39 | ng | | 100 |
| 34) Benzo(a)pyrene | 24.01 | 252 | 8025 | 0.39 | ng | | 100 |
| 35) Dibenzo(a,h)anthracene | 26.65 | 278 | 7516 | 0.41 | ng | | 100 |
| 36) Benzo(g,h,i)perylene | 27.38 | 276 | 31695 | 0.40 | ng | | 100 |

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

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