Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081916\
Data File : BE092269.D
Acq On : 19 Aug 2016 14:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
sohil
8/22/2016 3:49:54 PM

Quant Time: Aug 22 00:56:21 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.19 | 152 | 11294 | 5.00 | ng | | 0.02 |
| 7) Naphthalene-d8 | 10.97 | 136 | 54452 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.83 | 164 | 31275 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.58 | 188 | 77738 | 5.00 | ng | | 0.02 |
| 24) Chrysene-d12 | 21.75 | 240 | 66776 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.13 | 264 | 71481 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.70 | 112 | 1071 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 7.38 | 99 | 1372 | 0.39 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 9.36 | 82 | 1498m | 0.39 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.33 | 330 | 329 | 0.50 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 13.46 | 172 | 3952 | 0.41 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.19 | 244 | 4765 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 620 | 0.41 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.81 | 42 | 701 | 0.48 | ng | | 94 |
| 6) bis(2-Chloroethyl)ether | 7.61 | 93 | 1115 | 0.39 | ng | | 97 |
| 9) Naphthalene | 11.03 | 128 | 4980 | 0.41 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.32 | 225 | 726 | 0.41 | ng | | 97 |
| 11) 2-Methylnaphthalene | 12.66 | 142 | 3173 | 0.42 | ng | | 95 |
| 15) Acenaphthylene | 14.54 | 152 | 21589 | 0.40 | ng | | 99 |
| 16) Acenaphthene | 14.90 | 154 | 3554 | 0.41 | ng | | 97 |
| 17) Fluorene | 15.88 | 166 | 4342 | 0.41 | ng | | 99 |
| 19) Hexachlorobenzene | 16.91 | 284 | 1204 | 0.39 | ng | # | 100 |
| 20) Pentachlorophenol | 17.26 | 266 | 419 | 0.59 | ng | | 89 |
| 21) Phenanthrene | 17.63 | 178 | 7660 | 0.38 | ng | | 99 |
| 22) Anthracene | 17.72 | 178 | 7048 | 0.39 | ng | | 100 |
| 23) Fluoranthene | 19.63 | 202 | 31268 | 0.39 | ng | | 99 |
| 25) Pyrene | 19.99 | 202 | 32980 | 0.42 | ng | | 100 |
| 27) Benzo(a)anthracene | 21.75 | 228 | 34101 | 0.43 | ng | | 97 |
| 28) Chrysene | 21.79 | 228 | 29898m | 0.40 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 3987 | 0.52 | ng | # | 98 |
| 30) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 29892 | 0.37 | ng | | 99 |
| 32) Benzo(b)fluoranthene | 23.39 | 252 | 7200 | 0.38 | ng | | 100 |
| 33) Benzo(k)fluoranthene | 23.44 | 252 | 7851 | 0.41 | ng | | 98 |
| 34) Benzo(a)pyrene | 24.02 | 252 | 6894 | 0.39 | ng | | 98 |
| 35) Dibenzo(a,h)anthracene | 26.67 | 278 | 5698 | 0.35 | ng | | 99 |
| 36) Benzo(g,h,i)perylene | 27.42 | 276 | 27149 | 0.38 | ng | | 99 |

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

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