Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004507.D
Acq On : 02 Mar 2016 06:10
Operator : SJ/UM
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
UMANGI
3/2/2016 1:19:22 PM

Quant Time: Mar 02 07:03:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 06:56:42 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 21017 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 79782 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.26 | 164 | 40879 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.01 | 188 | 94644 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.23 | 240 | 77001 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.45 | 264 | 69864 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 8707 | 1.81 | ng | | -0.02 |
| 5) Phenol-d6 | 6.81 | 99 | 10496 | 1.93 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.78 | 82 | 7673 | 1.92 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.77 | 330 | 2288 | 1.50 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 24929 | 1.99 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.67 | 244 | 23296 | 2.25 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 3843 | 1.59 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.43 | 42 | 3039 | 1.48 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.04 | 93 | 9140 | 1.62 | ng | | 97 |
| 9) Nitrobenzene | 8.83 | 77 | 8571 | 1.62 | ng | | 100 |
| 10) Naphthalene | 10.42 | 128 | 36551 | 1.49 | ng | | 96 |
| 11) Hexachlorobutadiene | 10.72 | 225 | 6289 | 1.75 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.07 | 142 | 22526 | 1.67 | ng | | 100 |
| 16) Acenaphthylene | 13.97 | 152 | 37842 | 1.67 | ng | | 99 |
| 17) Acenaphthene | 14.33 | 154 | 22256 | 1.49 | ng | # | 75 |
| 18) Fluorene | 15.33 | 166 | 27644 | 1.52 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.19 | 248 | 6485 | 1.28 | ng | # | 1 |
| 21) Hexachlorobenzene | 16.35 | 284 | 7220 | 1.26 | ng | # | 100 |
| 22) Pentachlorophenol | 16.70 | 266 | 1156 | 0.85 | ng | | 90 |
| 23) Phenanthrene | 17.06 | 178 | 39820 | 1.22 | ng | | 100 |
| 24) Anthracene | 17.14 | 178 | 39143m | 1.45 | ng | | |
| 25) Fluoranthene | 19.11 | 202 | 48088 | 1.38 | ng | | 100 |
| 27) Benzidine | 19.31 | 184 | 13941 | 1.71 | ng | # | 93 |
| 28) Pyrene | 19.47 | 202 | 51462 | 1.70 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.21 | 228 | 46029 | 1.65 | ng | | 98 |
| 31) 3,3'-Dichlorobenzidine | 21.16 | 252 | 14447 | 0.88 | ng | # | 90 |
| 32) Chrysene | 21.27 | 228 | 46030 | 0.81 | ng | | 98 |
| 33) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 28390 | 1.37 | ng | # | 98 |
| 34) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 43753 | 1.68 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.79 | 252 | 49785 | 1.89 | ng | | 96 |
| 37) Benzo(k)fluoranthene | 22.83 | 252 | 45069 | 1.73 | ng | | 96 |
| 38) Benzo(a)pyrene | 23.36 | 252 | 39743 | 1.66 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 25.69 | 278 | 34183 | 1.65 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 26.38 | 276 | 37930 | 1.66 | ng | | 98 |

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

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