Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004560.D
Acq On : 05 Mar 2016 17:32
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC0.5

**Manual Integrations APPROVED**
UMANGI
3/7/2016 12:36:38 PM

Quant Time: Mar 07 07:33:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:21:48 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.29 | 152 | 27579 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.06 | 136 | 107595 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 13.97 | 164 | 59143 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.73 | 188 | 139449 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 20.98 | 240 | 112685 | 5.00 | ng | | 0.00 |
| 34) Perylene-d12 | 23.09 | 264 | 100225 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.01 | 112 | 3099 | 0.53 | ng | | 0.00 |
| 5) Phenol-d6 | 6.63 | 99 | 3661 | 0.54 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.48 | 82 | 2701 | 0.55 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.53 | 330 | 906 | 0.49 | ng | | 0.02 |
| 15) 2-Fluorobiphenyl | 12.59 | 172 | 9190 | 0.49 | ng | | 0.01 |
| 28) Terphenyl-d14 | 19.41 | 244 | 8017 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.87 | 88 | 1475 | 0.49 | ng | # | 100 |
| 3) n-Nitrosodimethylamine | 3.20 | 42 | 948 | 0.49 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 6.75 | 93 | 3279 | 0.52 | ng | # | 26 |
| 9) Nitrobenzene | 8.52 | 77 | 2921 | 0.54 | ng | # | 100 |
| 10) Naphthalene | 10.10 | 128 | 11787 | 0.46 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.39 | 225 | 2265 | 0.52 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.76 | 142 | 8188 | 0.53 | ng | | 94 |
| 16) Acenaphthylene | 13.68 | 152 | 14253 | 0.51 | ng | # | 42 |
| 17) Acenaphthene | 14.04 | 154 | 8456 | 0.48 | ng | # | 100 |
| 18) Fluorene | 15.04 | 166 | 10986 | 0.51 | ng | # | 77 |
| 20) Hexachlorobenzene | 16.07 | 284 | 3588 | 0.58 | ng | # | 100 |
| 21) Pentachlorophenol | 16.47 | 266 | 256 | 0.29 | ng | | 93 |
| 22) Phenanthrene | 16.78 | 178 | 15138 | 0.45 | ng | # | 100 |
| 23) Anthracene | 16.88 | 178 | 13568 | 0.44 | ng | # | 100 |
| 24) Fluoranthene | 18.83 | 202 | 18049 | 0.41 | ng | | 96 |
| 26) Benzidine | 19.09 | 184 | 475 | 0.05 | ng | # | 1 |
| 27) Pyrene | 19.19 | 202 | 18963 | 0.43 | ng | # | 84 |
| 29) Benzo(a)anthracene | 20.96 | 228 | 16540m | 0.44 | ng | | |
| 30) 3,3'-Dichlorobenzidine | 20.92 | 252 | 4540 | 0.42 | ng | # | 91 |
| 31) Chrysene | 21.02 | 228 | 16629m | 0.36 | ng | | |
| 32) Bis(2-ethylhexyl)phthalate | 20.90 | 149 | 13513 | 0.57 | ng | # | 48 |
| 33) Indeno(1,2,3-cd)pyrene | 25.17 | 276 | 15394 | 0.47 | ng | # | 81 |
| 35) Benzo(a)pyrene | 23.00 | 252 | 14952 | 0.50 | ng | # | 95 |
| 36) Dibenzo(a,h)anthracene | 25.17 | 278 | 12031 | 0.49 | ng | | 95 |
| 37) Benzo(g,h,i)perylene | 25.80 | 276 | 13493 | 0.48 | ng | | 98 |

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

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