Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004477.D
Acq On : 29 Feb 2016 18:46
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
UMANGI
3/1/2016 3:04:14 PM

Quant Time: Mar 01 00:38:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:23:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 17554 | 5.00 | ng | | -0.04 |
| 7) Naphthalene-d8 | 10.39 | 136 | 68348 | 5.00 | ng | | -0.04 |
| 13) Acenaphthene-d10 | 14.26 | 164 | 32995 | 5.00 | ng | | -0.04 |
| 19) Phenanthrene-d10 | 17.01 | 188 | 66968 | 5.00 | ng | | -0.04 |
| 26) Chrysene-d12 | 21.25 | 240 | 73725 | 5.00 | ng | | -0.01 |
| 35) Perylene-d12 | 23.46 | 264 | 65582 | 5.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 2100 | 0.57 | ng | | -0.03 |
| 5) Phenol-d6 | 6.83 | 99 | 2282 | 0.51 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.79 | 82 | 1732 | 0.57 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.79 | 330 | 700 | 0.72 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.89 | 172 | 5460 | 0.54 | ng | | -0.03 |
| 29) Terphenyl-d14 | 19.67 | 244 | 4957 | 0.52 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 980 | 0.51 | ng | # | 86 |
| 3) n-Nitrosodimethylamine | 3.43 | 42 | 887 | 0.56 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.05 | 93 | 2387 | 0.58 | ng | | 97 |
| 9) Nitrobenzene | 8.84 | 77 | 2288 | 0.65 | ng | | 98 |
| 10) Naphthalene | 10.44 | 128 | 10607 | 0.66 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.73 | 225 | 1646 | 0.66 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.08 | 142 | 6038 | 0.57 | ng | | 99 |
| 16) Acenaphthylene | 14.00 | 152 | 9486 | 0.65 | ng | | 99 |
| 17) Acenaphthene | 14.33 | 154 | 6778 | 0.62 | ng | | 99 |
| 18) Fluorene | 15.33 | 166 | 7971 | 0.60 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.22 | 248 | 2306 | 1.04 | ng | # | 98 |
| 21) Hexachlorobenzene | 16.35 | 284 | 2573 | 1.10 | ng | # | 100 |
| 22) Pentachlorophenol | 16.76 | 266 | 460m | 0.79 | ng | | |
| 23) Phenanthrene | 17.06 | 178 | 13908 | 0.95 | ng | | 99 |
| 24) Anthracene | 17.16 | 178 | 11105 | 0.72 | ng | | 96 |
| 25) Fluoranthene | 19.11 | 202 | 14514 | 0.79 | ng | | 100 |
| 27) Benzidine | 19.33 | 184 | 2584 | 0.70 | ng | # | 66 |
| 28) Pyrene | 19.47 | 202 | 15057 | 0.71 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 13209m | 0.59 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.16 | 252 | 8186 | 1.53 | ng | # | 83 |
| 32) Chrysene | 21.27 | 228 | 24483m | 1.18 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 9064 | 0.96 | ng | # | 96 |
| 34) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 12869 | 0.59 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.80 | 252 | 11838 | 0.58 | ng | | 96 |
| 37) Benzo(k)fluoranthene | 22.84 | 252 | 13129 | 0.70 | ng | | 97 |
| 38) Benzo(a)pyrene | 23.37 | 252 | 11962 | 0.66 | ng | | 94 |
| 39) Dibenzo(a,h)anthracene | 25.71 | 278 | 10016 | 0.62 | ng | | 94 |
| 40) Benzo(g,h,i)perylene | 26.39 | 276 | 11166 | 0.63 | ng | | 97 |

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

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