Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004458.D
Acq On : 28 Feb 2016 19:43
Operator : SJ/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC005

**Manual Integrations APPROVED**
UMANGI
2/29/2016 2:48:55 PM

Quant Time: Feb 29 03:38:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 02:56:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 13734 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.38 | 136 | 48412 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.25 | 164 | 31892 | 5.00 | ng | | 0.00 |
| 15) Phenanthrene-d10 | 17.03 | 188 | 40553 | 5.00 | ng | | 0.00 |
| 19) Chrysene-d12 | 21.24 | 240 | 59731 | 5.00 | ng | | 0.00 |
| 28) Perylene-d12 | 23.47 | 264 | 45654 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.21 | 112 | 14832 | 5.17 | ng | | 0.00 |
| 5) Phenol-d6 | 6.80 | 99 | 19601 | 5.74 | ng | | -0.03 |
| 8) Nitrobenzene-d5 | 8.76 | 82 | 14080 | 6.48 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 15.78 | 330 | 7812 | 8.22 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.89 | 172 | 44312 | 4.55 | ng | | 0.00 |
| 22) Terphenyl-d14 | 19.67 | 244 | 36390 | 4.75 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 5666 | 3.85 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.43 | 42 | 4703 | 3.94 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.04 | 93 | 12285 | 3.91 | ng | # | 97 |
| 9) Nitrobenzene | 8.81 | 77 | 15164 | 6.10 | ng | # | 100 |
| 10) Hexachlorobutadiene | 10.74 | 225 | 9291 | 5.27 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.07 | 142 | 33840 | 4.60 | ng | # | 92 |
| 16) Hexachlorobenzene | 16.35 | 284 | 9936 | 6.77 | ng | # | 100 |
| 17) Pentachlorophenol | 16.69 | 266 | 4718 | 12.28 | ng | # | 69 |
| 18) Fluoranthene | 19.10 | 202 | 83975 | 7.36 | ng | | 100 |
| 20) Benzidine | 19.31 | 184 | 23091 | 8.01 | ng | # | 78 |
| 21) Pyrene | 19.46 | 202 | 84482 | 4.96 | ng | | 99 |
| 23) Benzo(a)anthracene | 21.22 | 228 | 82452m | 4.62 | ng | | |
| 24) 3,3'-Dichlorobenzidine | 21.17 | 252 | 30775 | 7.11 | ng | # | 91 |
| 25) Chrysene | 21.26 | 228 | 70262m | 4.26 | ng | | |
| 26) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 47745 | 6.28 | ng | | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 74290 | 4.31 | ng | | 99 |
| 29) Benzo(b)fluoranthene | 22.79 | 252 | 83034 | 5.74 | ng | | 95 |
| 30) Benzo(k)fluoranthene | 22.83 | 252 | 71460 | 5.54 | ng | | 95 |
| 31) Benzo(a)pyrene | 23.37 | 252 | 66851 | 5.32 | ng | | 95 |
| 32) Dibenzo(a,h)anthracene | 25.70 | 278 | 59260 | 5.28 | ng | | 95 |
| 33) Benzo(g,h,i)perylene | 26.39 | 276 | 63282 | 5.16 | ng | | 97 |

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

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