Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003778.D
Acq On : 24 Dec 2015 15:06
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC001EC

**Manual Integrations APPROVED**
Sohil
12/24/2015 5:29:44 PM

Quant Time: Dec 24 17:25:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 43133 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 183127 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 102860 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 250490 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.28 | 240 | 256274 | 5.00 | ng | | -0.01 |
| 35) Perylene-d12 | 23.52 | 264 | 203554 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.28 | 112 | 8738 | 0.86 | ng | | 0.02 |
| 5) Phenol-d6 | 6.87 | 99 | 10531 | 0.84 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.84 | 82 | 8006 | 0.83 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 2304 | 0.85 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.95 | 172 | 27920 | 0.89 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 29985 | 0.68 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 3837 | 0.92 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 3877 | 0.84 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.11 | 93 | 9309 | 0.84 | ng | | 99 |
| 9) Nitrobenzene | 8.88 | 77 | 8977 | 0.81 | ng | | 99 |
| 10) Naphthalene | 10.51 | 128 | 36720 | 0.88 | ng | | 98 |
| 11) Hexachlorobutadiene | 10.82 | 225 | 5684 | 0.88 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 24296 | 0.87 | ng | | 95 |
| 16) Acenaphthylene | 14.05 | 152 | 39822 | 0.85 | ng | | 99 |
| 17) Acenaphthene | 14.38 | 154 | 25242 | 0.88 | ng | | 95 |
| 18) Fluorene | 15.38 | 166 | 30941 | 0.89 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.28 | 248 | 8123 | 0.55 | ng | # | 53 |
| 21) Hexachlorobenzene | 16.40 | 284 | 7873 | 0.54 | ng | # | 48 |
| 22) Pentachlorophenol | 16.74 | 266 | 2589 | 0.84 | ng | # | 79 |
| 23) Phenanthrene | 17.12 | 178 | 54123 | 0.67 | ng | | 98 |
| 24) Anthracene | 17.20 | 178 | 46005 | 0.79 | ng | | 97 |
| 25) Fluoranthene | 19.15 | 202 | 59957 | 0.83 | ng | | 99 |
| 27) Benzidine | 19.34 | 184 | 15609 | 1.00 | ng | | 96 |
| 28) Pyrene | 19.51 | 202 | 62568 | 0.70 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 64149m | 0.83 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.20 | 252 | 15593 | 0.81 | ng | # | 76 |
| 32) Chrysene | 21.32 | 228 | 58476m | 0.72 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 26027 | 0.64 | ng | # | 96 |
| 34) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 49021 | 0.91 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.84 | 252 | 58635 | 0.88 | ng | | 95 |
| 37) Benzo(k)fluoranthene | 22.89 | 252 | 50065 | 0.82 | ng | | 100 |
| 38) Benzo(a)pyrene | 23.42 | 252 | 48509 | 0.85 | ng | | 99 |
| 39) Dibenzo(a,h)anthracene | 25.79 | 278 | 39318 | 0.88 | ng | | 99 |
| 40) Benzo(g,h,i)perylene | 26.46 | 276 | 41076 | 0.88 | ng | | 97 |

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

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