Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003552.D
Acq On : 15 Dec 2015 17:12
Operator : UM/IZ
Sample : SSTD0.850
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.850

**Manual Integrations APPROVED**
MMdadoda
12/16/2015 5:46:17 PM

Quant Time: Dec 15 17:57:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 5024 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.50 | 136 | 18149 | 0.40 | ng/ul | 0.00 |
| 8) Acenaphthene-d10 | 14.37 | 164 | 8671 | 0.40 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.11 | 188 | 17211 | 0.40 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 21.31 | 240 | 18599 | 0.40 | ng/ul | 0.00 |
| 22) Perylene-d12 | 23.57 | 264 | 14592 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.18 | 96 | 8463 | 1.58 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.10 | 152 | 16508 | 0.67 | ng/ul | 0.00 |
| 16) Fluoranthene-d10 | 19.14 | 212 | 27637 | 0.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) 1,4-Dioxane | 3.21 | 88 | 10381 | 1.70 | ng/ul# | 100 |
| 5) Naphthalene | 10.55 | 128 | 32117 | 0.69 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.17 | 142 | 21156 | 0.70 | ng/ul | 100 |
| 9) Acenaphthylene | 14.07 | 152 | 26232 | 0.73 | ng/ul | 96 |
| 10) Acenaphthene | 14.42 | 153 | 20879 | 0.69 | ng/ul | 85 |
| 11) Fluorene | 15.41 | 166 | 22904 | 0.69 | ng/ul# | 80 |
| 13) Pentachlorophenol | 16.76 | 266 | 1873 | 0.46 | ng/ul | 95 |
| 14) Phenanthrene | 17.14 | 178 | 34741m | 0.70 | ng/ul | |
| 15) Anthracene | 17.24 | 178 | 30323 | 0.73 | ng/ul | 98 |
| 17) Fluoranthene | 19.18 | 202 | 36940 | 0.67 | ng/ul | 93 |
| 19) Pyrene | 19.54 | 202 | 37131 | 0.58 | ng/ul | 95 |
| 20) Benzo(a)anthracene | 21.29 | 228 | 33921 | 0.63 | ng/ul | 94 |
| 21) Chrysene | 21.35 | 228 | 36380 | 0.60 | ng/ul | 94 |
| 23) Benzo(b)fluoranthene | 22.89 | 252 | 37627 | 0.68 | ng/ul | 95 |
| 24) Benzo(k)fluoranthene | 22.93 | 252 | 32431 | 0.62 | ng/ul | 98 |
| 25) Benzo(a)pyrene | 23.46 | 252 | 32542 | 0.66 | ng/ul | 97 |
| 26) Indeno(1,2,3-cd)pyrene | 25.84 | 276 | 39577 | 0.67 | ng/ul# | 91 |
| 27) Dibenzo(a,h)anthracene | 25.85 | 278 | 32061 | 0.67 | ng/ul | 99 |
| 28) Benzo(g,h,i)perylene | 26.54 | 276 | 34430 | 0.67 | ng/ul | 96 |

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

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