

Data Path : Z:\HPCHEM1\BNA\_M\Data\bm100615\  
 Data File : BM002854.D  
 Acq On : 06 Oct 2015 14:42  
 Operator : UM/IZ  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 15:31:19 2015

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM100515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 06 15:21:07 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.67  | 152  | 7972     | 0.40 | ng/ul | -0.02    |
| 4) Naphthalene-d8         | 11.53 | 136  | 32738    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 15.26 | 164  | 17290    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.97 | 188  | 37842    | 0.40 | ng/ul | -0.02    |
| 18) Chrysene-d12          | 22.06 | 240  | 34747    | 0.40 | ng/ul | -0.01    |
| 22) Perylene-d12          | 24.65 | 264  | 30324    | 0.40 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 2) 1,4-Dioxane-d8          | 3.74  | 96  | 8361  | 0.99 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 13.07 | 152 | 18805 | 0.39 | ng/ul | 0.00 |
| 16) Fluoranthene-d10       | 19.95 | 212 | 37736 | 0.40 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |       |      |       | Qvalue |
|----------------------------|-------|-----|-------|------|-------|--------|
| 3) 1,4-Dioxane             | 3.79  | 88  | 9588  | 0.99 | ng/ul | 99     |
| 5) Naphthalene             | 11.58 | 128 | 34736 | 0.40 | ng/ul | 98     |
| 7) 2-Methylnaphthalene     | 13.14 | 142 | 23882 | 0.40 | ng/ul | 98     |
| 9) Acenaphthylene          | 14.99 | 152 | 26490 | 0.41 | ng/ul | 97     |
| 10) Acenaphthene           | 15.31 | 153 | 26197 | 0.40 | ng/ul | 99     |
| 11) Fluorene               | 16.29 | 166 | 29519 | 0.40 | ng/ul | 97     |
| 13) Pentachlorophenol      | 17.64 | 266 | 959   | 0.40 | ng/ul | 97     |
| 14) Phenanthrene           | 18.02 | 178 | 46688 | 0.40 | ng/ul | 97     |
| 15) Anthracene             | 18.11 | 178 | 44553 | 0.40 | ng/ul | 97     |
| 17) Fluoranthene           | 19.99 | 202 | 52860 | 0.40 | ng/ul | 90     |
| 19) Pyrene                 | 20.34 | 202 | 54695 | 0.40 | ng/ul | 97     |
| 20) Benzo(a)anthracene     | 22.04 | 228 | 46811 | 0.40 | ng/ul | 99     |
| 21) Chrysene               | 22.11 | 228 | 45845 | 0.40 | ng/ul | 96     |
| 23) Benzo(b)fluoranthene   | 23.85 | 252 | 47036 | 0.42 | ng/ul | 98     |
| 24) Benzo(k)fluoranthene   | 23.90 | 252 | 40390 | 0.37 | ng/ul | 95     |
| 25) Benzo(a)pyrene         | 24.53 | 252 | 40891 | 0.40 | ng/ul | 95     |
| 26) Indeno(1,2,3-cd)pyrene | 27.37 | 276 | 41090 | 0.40 | ng/ul | 98     |
| 27) Dibenzo(a,h)anthracene | 27.36 | 278 | 32596 | 0.40 | ng/ul | 96     |
| 28) Benzo(g,h,i)perylene   | 28.21 | 276 | 35352 | 0.40 | ng/ul | 97     |

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

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