

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
 Data File : BM002400.D  
 Acq On : 15 Aug 2015 00:05  
 Operator : UM/IZ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02037

Quant Time: Aug 17 01:56:26 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 01:53:35 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.87  | 152  | 80348    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.74 | 136  | 397611   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.45 | 164  | 232264   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.15 | 188  | 511309   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.23 | 240  | 550638   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.89 | 264  | 564677   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |       |       |      |
|------------------------|-------|-----|--------|-------|-------|------|
| 7) Acenaphthylene-d8   | 15.15 | 160 | 471693 | 19.86 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 16.42 | 176 | 330023 | 19.79 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 18.25 | 188 | 488258 | 19.80 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 20.46 | 212 | 510103 | 20.90 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.71 | 264 | 584334 | 19.70 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       |       | Qvalue |
|----------------------------|-------|-----|--------|-------|-------|--------|
| 3) Naphthalene             | 11.79 | 128 | 400089 | 19.72 | ng/ul | 100    |
| 4) 2-Methylnaphthalene     | 13.33 | 142 | 300407 | 19.76 | ng/ul | 98     |
| 5) 1-Methylnaphthalene     | 13.55 | 142 | 297143 | 19.76 | ng/ul | 100    |
| 8) Acenaphthylene          | 15.18 | 152 | 491542 | 19.78 | ng/ul | 100    |
| 9) Acenaphthene            | 15.51 | 153 | 324115 | 19.80 | ng/ul | 99     |
| 11) Fluorene               | 16.47 | 166 | 374878 | 19.98 | ng/ul | 99     |
| 13) Phenanthrene           | 18.19 | 178 | 583267 | 19.75 | ng/ul | 99     |
| 15) Anthracene             | 18.28 | 178 | 591663 | 19.77 | ng/ul | 100    |
| 16) Fluoranthene           | 20.14 | 202 | 647690 | 19.38 | ng/ul | 100    |
| 19) Pyrene                 | 20.49 | 202 | 676490 | 20.97 | ng/ul | 99     |
| 20) Benzo(a)anthracene     | 22.21 | 228 | 648511 | 19.69 | ng/ul | 100    |
| 21) Chrysene               | 22.27 | 228 | 610076 | 19.81 | ng/ul | 99     |
| 23) Benzo(b)fluoranthene   | 24.06 | 252 | 662793 | 19.42 | ng/ul | 99     |
| 24) Benzo(k)fluoranthene   | 24.12 | 252 | 644131 | 19.91 | ng/ul | 99     |
| 26) Benzo(a)pyrene         | 24.77 | 252 | 643936 | 19.75 | ng/ul | 99     |
| 27) Indeno(1,2,3-cd)pyrene | 27.69 | 276 | 757205 | 20.19 | ng/ul | 99     |
| 28) Dibenzo(a,h)anthracene | 27.70 | 278 | 637221 | 20.33 | ng/ul | 99     |
| 29) Benzo(g,h,i)perylene   | 28.57 | 276 | 631441 | 20.23 | ng/ul | 100    |

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

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