

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\  
 Data File : BM002354.D  
 Acq On : 12 Aug 2015 10:41  
 Operator : UM/IZ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02026

Quant Time: Aug 12 11:31:51 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 11:23:54 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.90  | 152  | 230829   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.77 | 136  | 1033161  | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.49 | 164  | 519143   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.19 | 188  | 1022757  | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.28 | 240  | 739990   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.97 | 264  | 639554   | 20.00 | ng/ul | 0.00     |

|                             |       |     |         |       |       |      |
|-----------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds |       |     |         |       |       |      |
| 7) Acenaphthylene-d8        | 15.19 | 160 | 1085140 | 20.18 | ng/ul | 0.00 |
| 10) Fluorene-d10            | 16.46 | 176 | 730200  | 19.52 | ng/ul | 0.00 |
| 14) Anthracene-d10          | 18.29 | 188 | 1007358 | 20.30 | ng/ul | 0.00 |
| 18) Pyrene-d10              | 20.51 | 212 | 878585  | 24.48 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12      | 24.80 | 264 | 690012  | 20.32 | ng/ul | 0.00 |

|                            |       |     |         |        |       |     |
|----------------------------|-------|-----|---------|--------|-------|-----|
| Target Compounds           |       |     |         | Ovalue |       |     |
| 3) Naphthalene             | 11.82 | 128 | 1078201 | 19.82  | ng/ul | 99  |
| 4) 2-Methylnaphthalene     | 13.36 | 142 | 740467  | 19.05  | ng/ul | 99  |
| 5) 1-Methylnaphthalene     | 13.58 | 142 | 729750  | 19.05  | ng/ul | 98  |
| 8) Acenaphthylene          | 15.22 | 152 | 1125368 | 20.16  | ng/ul | 100 |
| 9) Acenaphthene            | 15.54 | 153 | 756803  | 20.15  | ng/ul | 99  |
| 11) Fluorene               | 16.51 | 166 | 830312  | 19.63  | ng/ul | 100 |
| 13) Phenanthrene           | 18.23 | 178 | 1182653 | 20.09  | ng/ul | 100 |
| 15) Anthracene             | 18.33 | 178 | 1217733 | 20.03  | ng/ul | 100 |
| 16) Fluoranthene           | 20.18 | 202 | 1160715 | 17.81  | ng/ul | 100 |
| 19) Pyrene                 | 20.54 | 202 | 1156443 | 24.17  | ng/ul | 97  |
| 20) Benzo(a)anthracene     | 22.26 | 228 | 913206  | 20.22  | ng/ul | 100 |
| 21) Chrysene               | 22.32 | 228 | 857298  | 20.03  | ng/ul | 100 |
| 23) Benzo(b)fluoranthene   | 24.14 | 252 | 814891  | 20.50  | ng/ul | 99  |
| 24) Benzo(k)fluoranthene   | 24.20 | 252 | 792630  | 20.76  | ng/ul | 100 |
| 26) Benzo(a)pyrene         | 24.86 | 252 | 772401  | 20.31  | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 27.82 | 276 | 894169  | 20.51  | ng/ul | 99  |
| 28) Dibenzo(a,h)anthracene | 27.83 | 278 | 761919  | 20.63  | ng/ul | 99  |
| 29) Benzo(g,h,i)perylene   | 28.70 | 276 | 752183  | 20.45  | ng/ul | 98  |

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

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