

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
 Data File : BM002395.D  
 Acq On : 14 Aug 2015 21:03  
 Operator : UM/IZ  
 Sample : SSTD02034  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

Quant Time: Aug 17 01:37:37 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 01:34:51 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.87  | 152  | 86712    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.74 | 136  | 434525   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.44 | 164  | 252855   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.15 | 188  | 552459   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.23 | 240  | 583053   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.89 | 264  | 590208   | 20.00 | ng/ul | 0.00     |

|                             |       |     |        |       |       |      |
|-----------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds |       |     |        |       |       |      |
| 7) Acenaphthylene-d8        | 15.15 | 160 | 512333 | 19.82 | ng/ul | 0.00 |
| 10) Fluorene-d10            | 16.42 | 176 | 357817 | 19.71 | ng/ul | 0.00 |
| 14) Anthracene-d10          | 18.25 | 188 | 527369 | 19.79 | ng/ul | 0.00 |
| 18) Pyrene-d10              | 20.46 | 212 | 549131 | 21.25 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12      | 24.71 | 264 | 609499 | 19.66 | ng/ul | 0.00 |

|                            |       |     |        |        |       |     |
|----------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds           |       |     |        | Qvalue |       |     |
| 3) Naphthalene             | 11.79 | 128 | 432708 | 19.51  | ng/ul | 100 |
| 4) 2-Methylnaphthalene     | 13.33 | 142 | 324687 | 19.54  | ng/ul | 100 |
| 5) 1-Methylnaphthalene     | 13.55 | 142 | 322623 | 19.63  | ng/ul | 100 |
| 8) Acenaphthylene          | 15.18 | 152 | 535840 | 19.80  | ng/ul | 100 |
| 9) Acenaphthene            | 15.51 | 153 | 349900 | 19.63  | ng/ul | 100 |
| 11) Fluorene               | 16.47 | 166 | 403919 | 19.78  | ng/ul | 100 |
| 13) Phenanthrene           | 18.19 | 178 | 628271 | 19.69  | ng/ul | 100 |
| 15) Anthracene             | 18.28 | 178 | 641441 | 19.84  | ng/ul | 100 |
| 16) Fluoranthene           | 20.14 | 202 | 703298 | 19.47  | ng/ul | 100 |
| 19) Pyrene                 | 20.49 | 202 | 732164 | 21.44  | ng/ul | 100 |
| 20) Benzo(a)anthracene     | 22.21 | 228 | 688566 | 19.75  | ng/ul | 100 |
| 21) Chrysene               | 22.27 | 228 | 650227 | 19.94  | ng/ul | 100 |
| 23) Benzo(b)fluoranthene   | 24.06 | 252 | 691123 | 19.37  | ng/ul | 100 |
| 24) Benzo(k)fluoranthene   | 24.11 | 252 | 677593 | 20.04  | ng/ul | 100 |
| 26) Benzo(a)pyrene         | 24.77 | 252 | 675742 | 19.83  | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 27.70 | 276 | 772814 | 19.72  | ng/ul | 100 |
| 28) Dibenzo(a,h)anthracene | 27.70 | 278 | 647804 | 19.77  | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene   | 28.57 | 276 | 642000 | 19.68  | ng/ul | 100 |

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

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