

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081815\  
 Data File : BM002484.D  
 Acq On : 18 Aug 2015 14:35  
 Operator : UM/IZ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02045

Quant Time: Aug 18 18:27:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 18 17:52:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.88  | 152  | 116786   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.75 | 136  | 531544   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.46 | 164  | 275860   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.17 | 188  | 557978   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.25 | 240  | 394529   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.93 | 264  | 370215   | 20.00 | ng/ul | 0.00     |

|                             |       |     |        |       |       |      |
|-----------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds |       |     |        |       |       |      |
| 7) Acenaphthylene-d8        | 15.16 | 160 | 559246 | 19.83 | ng/ul | 0.00 |
| 10) Fluorene-d10            | 16.43 | 176 | 382358 | 19.30 | ng/ul | 0.00 |
| 14) Anthracene-d10          | 18.26 | 188 | 530602 | 19.71 | ng/ul | 0.00 |
| 18) Pyrene-d10              | 20.48 | 212 | 449799 | 25.72 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12      | 24.76 | 264 | 387144 | 19.91 | ng/ul | 0.00 |

|                            |       |     |        |        |       |     |
|----------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds           |       |     |        | Qvalue |       |     |
| 3) Naphthalene             | 11.80 | 128 | 530798 | 19.57  | ng/ul | 100 |
| 4) 2-Methylnaphthalene     | 13.35 | 142 | 377831 | 18.59  | ng/ul | 100 |
| 5) 1-Methylnaphthalene     | 13.56 | 142 | 373773 | 18.59  | ng/ul | 100 |
| 8) Acenaphthylene          | 15.19 | 152 | 583357 | 19.76  | ng/ul | 100 |
| 9) Acenaphthene            | 15.52 | 153 | 381838 | 19.64  | ng/ul | 100 |
| 11) Fluorene               | 16.49 | 166 | 430984 | 19.34  | ng/ul | 99  |
| 13) Phenanthrene           | 18.21 | 178 | 630362 | 19.56  | ng/ul | 100 |
| 15) Anthracene             | 18.30 | 178 | 637056 | 19.51  | ng/ul | 99  |
| 16) Fluoranthene           | 20.16 | 202 | 596175 | 16.34  | ng/ul | 99  |
| 19) Pyrene                 | 20.51 | 202 | 590302 | 25.54  | ng/ul | 99  |
| 20) Benzo(a)anthracene     | 22.23 | 228 | 472296 | 20.02  | ng/ul | 99  |
| 21) Chrysene               | 22.29 | 228 | 436906 | 19.80  | ng/ul | 100 |
| 23) Benzo(b)fluoranthene   | 24.10 | 252 | 432453 | 19.32  | ng/ul | 98  |
| 24) Benzo(k)fluoranthene   | 24.15 | 252 | 432585 | 20.40  | ng/ul | 99  |
| 26) Benzo(a)pyrene         | 24.81 | 252 | 424052 | 19.84  | ng/ul | 99  |
| 27) Indeno(1,2,3-cd)pyrene | 27.78 | 276 | 502463 | 20.44  | ng/ul | 99  |
| 28) Dibenzo(a,h)anthracene | 27.77 | 278 | 421755 | 20.52  | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene   | 28.66 | 276 | 423914 | 20.71  | ng/ul | 99  |

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

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