

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM111516\  
 Data File : BM007910.D  
 Acq On : 16 Nov 2016 01:27  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.463

Quant Time: Nov 16 07:46:19 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 07:43:19 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 713      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 2338     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.37 | 164  | 1220     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.12 | 188  | 2493     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.31 | 240  | 2439     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.57 | 264  | 2319     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.13 | 152  | 1177     | 0.43 | ng/ul | 0.01     |
| 14) Fluoranthene-d10        | 19.16 | 212  | 2553     | 0.45 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) Naphthalene             | 10.57 | 128  | 2513     | 0.42 | ng/ul | 97     |
| 5) 2-Methylnaphthalene     | 12.21 | 142  | 1593     | 0.42 | ng/ul | 98     |
| 7) Acenaphthylene          | 14.09 | 152  | 2299     | 0.40 | ng/ul | 98     |
| 8) Acenaphthene            | 14.43 | 153  | 1669     | 0.38 | ng/ul | 99     |
| 9) Fluorene                | 15.44 | 166  | 1867     | 0.38 | ng/ul | 100    |
| 11) Pentachlorophenol      | 16.82 | 266  | 282      | 0.48 | ng/ul | 97     |
| 12) Phenanthrene           | 17.16 | 178  | 2835     | 0.41 | ng/ul | 98     |
| 13) Anthracene             | 17.26 | 178  | 2704     | 0.43 | ng/ul | 100    |
| 15) Fluoranthene           | 19.19 | 202  | 3577     | 0.43 | ng/ul | 97     |
| 17) Pyrene                 | 19.56 | 202  | 3604     | 0.43 | ng/ul | 98     |
| 18) Benzo(a)anthracene     | 21.30 | 228  | 3019     | 0.43 | ng/ul | 97     |
| 19) Chrysene               | 21.35 | 228  | 3378     | 0.43 | ng/ul | 93     |
| 21) Benzo(b)fluoranthene   | 22.89 | 252  | 3376     | 0.42 | ng/ul | 98     |
| 22) Benzo(k)fluoranthene   | 22.93 | 252  | 3507     | 0.42 | ng/ul | 99     |
| 23) Benzo(a)pyrene         | 23.47 | 252  | 3323     | 0.45 | ng/ul | 97     |
| 24) Indeno(1,2,3-cd)pyrene | 25.84 | 276  | 3994     | 0.45 | ng/ul | 97     |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278  | 3158     | 0.44 | ng/ul | 97     |
| 26) Benzo(g,h,i)perylene   | 26.54 | 276  | 3550     | 0.44 | ng/ul | 96     |

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

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