

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM111017\  
 Data File : BM012859.D  
 Acq On : 10 Nov 2017 12:30  
 Operator : SJ/JU  
 Sample : SSTD01011  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD01011

Quant Time: Nov 10 14:09:22 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111017MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 10 14:08:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 53804    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.58 | 136  | 204091   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.43 | 164  | 119586   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.18 | 188  | 276267   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.36 | 240  | 352081   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.64 | 264  | 410026   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |      |       |      |
|------------------------|-------|-----|--------|------|-------|------|
| 7) Acenaphthylene-d8   | 14.13 | 160 | 123024 | 9.89 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.43 | 176 | 84731  | 9.39 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.28 | 188 | 132902 | 9.93 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.57 | 212 | 153523 | 8.52 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 23.50 | 264 | 194548 | 9.90 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |        |        | Qvalue |
|----------------------------|-------|-----|--------|--------|--------|--------|
| 3) Naphthalene             | 10.63 | 128 | 104221 | 9.809  | ng/ul  | 98     |
| 4) 2-Methylnaphthalene     | 12.25 | 142 | 76210  | 9.451  | ng/ul  | 96     |
| 5) 1-Methylnaphthalene     | 12.46 | 142 | 75145  | 9.764  | ng/ul# | 87     |
| 8) Acenaphthylene          | 14.16 | 152 | 120317 | 10.048 | ng/ul  | 99     |
| 9) Acenaphthene            | 14.50 | 153 | 81261  | 9.971  | ng/ul  | 97     |
| 11) Fluorene               | 15.48 | 166 | 95794  | 10.044 | ng/ul  | 91     |
| 13) Phenanthrene           | 17.22 | 178 | 152310 | 10.336 | ng/ul  | 100    |
| 15) Anthracene             | 17.32 | 178 | 157553 | 10.451 | ng/ul  | 97     |
| 16) Fluoranthene           | 19.24 | 202 | 189024 | 10.943 | ng/ul# | 91     |
| 19) Pyrene                 | 19.60 | 202 | 196332 | 8.946  | ng/ul# | 93     |
| 20) Benzo(a)anthracene     | 21.35 | 228 | 215039 | 10.371 | ng/ul  | 100    |
| 21) Chrysene               | 21.40 | 228 | 192816 | 10.155 | ng/ul  | 97     |
| 23) Benzo(b)fluoranthene   | 22.96 | 252 | 244145 | 9.953  | ng/ul# | 97     |
| 24) Benzo(k)fluoranthene   | 23.00 | 252 | 233993 | 9.774  | ng/ul# | 97     |
| 26) Benzo(a)pyrene         | 23.54 | 252 | 235557 | 9.887  | ng/ul# | 97     |
| 27) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 310582 | 11.486 | ng/ul  | 97     |
| 28) Dibenzo(a,h)anthracene | 25.97 | 278 | 258525 | 11.547 | ng/ul# | 95     |
| 29) Benzo(g,h,i)perylene   | 26.67 | 276 | 259604 | 11.642 | ng/ul# | 94     |

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

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