

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010917\  
 Data File : BM008740.D  
 Acq On : 09 Jan 2017 11:37  
 Operator : UM/SJ  
 Sample : SSTD0.859  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.859

Quant Time: Jan 09 12:16:59 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 09 12:03:38 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.96  | 152  | 364      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.77 | 136  | 1220     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.59 | 164  | 821      | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.33 | 188  | 1746     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.49 | 240  | 1760     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.86 | 264  | 1643     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.34 | 152 | 1598 | 0.85 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.35 | 212 | 4096 | 0.85 | ng/ul | 0.00 |

|                            |       |     |      |      |        |        |
|----------------------------|-------|-----|------|------|--------|--------|
| Target Compounds           |       |     |      |      |        | Ovalue |
| 3) Naphthalene             | 10.81 | 128 | 2584 | 0.75 | ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 12.41 | 142 | 1934 | 0.84 | ng/ul  | 96     |
| 7) Acenaphthylene          | 14.30 | 152 | 2899 | 0.78 | ng/ul  | 96     |
| 8) Acenaphthene            | 14.64 | 153 | 2077 | 0.74 | ng/ul  | 95     |
| 9) Fluorene                | 15.63 | 166 | 2574 | 0.81 | ng/ul  | 92     |
| 11) Pentachlorophenol      | 16.97 | 266 | 669  | 1.23 | ng/ul  | 98     |
| 12) Phenanthrene           | 17.36 | 178 | 4264 | 0.80 | ng/ul  | 96     |
| 13) Anthracene             | 17.45 | 178 | 4173 | 0.81 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.37 | 202 | 5300 | 0.81 | ng/ul  | 95     |
| 17) Pyrene                 | 19.74 | 202 | 5451 | 0.80 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.47 | 228 | 5115 | 0.89 | ng/ul  | 97     |
| 19) Chrysene               | 21.52 | 228 | 4874 | 0.77 | ng/ul  | 92     |
| 21) Benzo(b)fluoranthene   | 23.13 | 252 | 5553 | 0.86 | ng/ul  | 89     |
| 22) Benzo(k)fluoranthene   | 23.18 | 252 | 4627 | 0.73 | ng/ul# | 91     |
| 23) Benzo(a)pyrene         | 23.74 | 252 | 4921 | 0.82 | ng/ul# | 84     |
| 24) Indeno(1,2,3-cd)pyrene | 26.27 | 276 | 5857 | 0.82 | ng/ul# | 88     |
| 25) Dibenzo(a,h)anthracene | 26.29 | 278 | 4693 | 0.82 | ng/ul# | 90     |
| 26) Benzo(g,h,i)perylene   | 27.01 | 276 | 5103 | 0.83 | ng/ul# | 89     |

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

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