

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081516\  
 Data File : BM007113.D  
 Acq On : 15 Aug 2016 11:58  
 Operator : UM/SJ  
 Sample : SSTD0.134  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.134

Quant Time: Aug 15 15:06:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 15 14:59:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 1621     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.60 | 136  | 6011     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.43 | 164  | 3134     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.18 | 188  | 7299     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.37 | 240  | 8776     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.64 | 264  | 9074     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.18 | 152 | 739  | 0.10 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.21 | 212 | 1500 | 0.08 | ng/ul | 0.00 |

|                            |       |     |      |        |        |    |
|----------------------------|-------|-----|------|--------|--------|----|
| Target Compounds           |       |     |      | Qvalue |        |    |
| 3) Naphthalene             | 10.65 | 128 | 1481 | 0.10   | ng/ul# | 87 |
| 5) 2-Methylnaphthalene     | 12.26 | 142 | 986  | 0.10   | ng/ul  | 99 |
| 7) Acenaphthylene          | 14.14 | 152 | 1705 | 0.09   | ng/ul# | 88 |
| 8) Acenaphthene            | 14.50 | 153 | 1046 | 0.10   | ng/ul  | 96 |
| 9) Fluorene                | 15.50 | 166 | 1203 | 0.09   | ng/ul# | 95 |
| 12) Phenanthrene           | 17.21 | 178 | 1940 | 0.10   | ng/ul# | 89 |
| 13) Anthracene             | 17.31 | 178 | 1813 | 0.09   | ng/ul# | 89 |
| 15) Fluoranthene           | 19.23 | 202 | 2207 | 0.08   | ng/ul  | 90 |
| 17) Pyrene                 | 19.60 | 202 | 2400 | 0.09   | ng/ul# | 94 |
| 18) Benzo(a)anthracene     | 21.35 | 228 | 2476 | 0.10   | ng/ul# | 90 |
| 19) Chrysene               | 21.40 | 228 | 2345 | 0.10   | ng/ul  | 92 |
| 21) Benzo(b)fluoranthene   | 22.95 | 252 | 3005 | 0.10   | ng/ul  | 78 |
| 22) Benzo(k)fluoranthene   | 23.00 | 252 | 2329 | 0.08   | ng/ul# | 84 |
| 23) Benzo(a)pyrene         | 23.54 | 252 | 2386 | 0.08   | ng/ul# | 75 |
| 24) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 3214 | 0.09   | ng/ul# | 93 |
| 25) Dibenzo(a,h)anthracene | 25.95 | 278 | 2465 | 0.09   | ng/ul# | 86 |
| 26) Benzo(g,h,i)perylene   | 26.63 | 276 | 2814 | 0.10   | ng/ul# | 93 |

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

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