

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020515\  
 Data File : BM000427.D  
 Acq On : 05 Feb 2015 12:53  
 Operator : TP/IZ  
 Sample : SSTD1.678  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.678

Quant Time: Feb 05 13:42:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM020515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 05 12:58:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 2401     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.51 | 136  | 7722     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.38 | 164  | 4600     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.12 | 188  | 9133     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.31 | 240  | 8174     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.55 | 264  | 6995     | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152 | 16394 | 1.55 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.15 | 212 | 31040 | 1.56 | ng/ul | 0.00 |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Qvalue |        |     |
| 3) Naphthalene             | 10.56 | 128 | 30723 | 1.57   | ng/ul  | 98  |
| 5) 2-Methylnaphthalene     | 12.18 | 142 | 21566 | 1.55   | ng/ul  | 99  |
| 7) Acenaphthylene          | 14.10 | 152 | 31620 | 1.65   | ng/ul  | 98  |
| 8) Acenaphthene            | 14.43 | 153 | 22961 | 1.61   | ng/ul  | 98  |
| 9) Fluorene                | 15.43 | 166 | 26980 | 1.54   | ng/ul  | 100 |
| 11) Pentachlorophenol      | 16.78 | 266 | 3441  | 2.97   | ng/ul  | 98  |
| 12) Phenanthrene           | 17.16 | 178 | 41286 | 1.56   | ng/ul  | 97  |
| 13) Anthracene             | 17.16 | 178 | 41286 | 1.69   | ng/ul  | 97  |
| 15) Fluoranthene           | 19.19 | 202 | 47997 | 1.59   | ng/ul  | 99  |
| 17) Pyrene                 | 19.55 | 202 | 47886 | 1.44   | ng/ul  | 98  |
| 18) Benzo(a)anthracene     | 21.29 | 228 | 40434 | 1.61   | ng/ul  | 97  |
| 19) Chrysene               | 21.34 | 228 | 43474 | 1.53   | ng/ul  | 97  |
| 21) Benzo(b)fluoranthene   | 22.88 | 252 | 39853 | 1.51   | ng/ul  | 93  |
| 22) Benzo(k)fluoranthene   | 22.92 | 252 | 40653 | 1.48   | ng/ul# | 90  |
| 23) Benzo(a)pyrene         | 23.45 | 252 | 37344 | 1.55   | ng/ul# | 88  |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276 | 42794 | 1.75   | ng/ul  | 100 |
| 25) Dibenzo(a,h)anthracene | 25.83 | 278 | 34847 | 1.79   | ng/ul  | 94  |
| 26) Benzo(g,h,i)perylene   | 26.50 | 276 | 36865 | 1.74   | ng/ul  | 97  |

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

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