

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072816\  
 Data File : BM006721.D  
 Acq On : 28 Jul 2016 12:32  
 Operator : UM/SJ  
 Sample : SSTD0.449  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.449

Quant Time: Jul 28 13:09:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM072816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 12:49:16 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 1859     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.39 | 136  | 6474     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.26 | 164  | 3358     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 8015     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.22 | 240  | 8875     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.42 | 264  | 8087     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.99 | 152  | 3348     | 0.44 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 8811     | 0.52 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.44 | 128  | 6644     | 0.44 | ng/ul  | 95     |
| 5) 2-Methylnaphthalene     | 12.06 | 142  | 4487     | 0.44 | ng/ul  | 98     |
| 7) Acenaphthylene          | 13.99 | 152  | 7915     | 0.70 | ng/ul  | 95     |
| 8) Acenaphthene            | 14.31 | 153  | 4866     | 0.43 | ng/ul  | 86     |
| 9) Fluorene                | 15.32 | 166  | 5774     | 0.46 | ng/ul  | 97     |
| 11) Pentachlorophenol      | 16.70 | 266  | 346      | 0.28 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.06 | 178  | 9571     | 0.43 | ng/ul  | 97     |
| 13) Anthracene             | 17.14 | 178  | 8962     | 0.44 | ng/ul  | 97     |
| 15) Fluoranthene           | 19.08 | 202  | 12808    | 0.52 | ng/ul  | 95     |
| 17) Pyrene                 | 19.45 | 202  | 12060    | 0.32 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.20 | 228  | 11042    | 0.38 | ng/ul  | 93     |
| 19) Chrysene               | 21.25 | 228  | 10812    | 0.38 | ng/ul  | 96     |
| 21) Benzo(b)fluoranthene   | 22.75 | 252  | 11559    | 0.40 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.79 | 252  | 12215    | 0.45 | ng/ul  | 99     |
| 23) Benzo(a)pyrene         | 23.32 | 252  | 11376    | 0.42 | ng/ul  | 98     |
| 24) Indeno(1,2,3-cd)pyrene | 25.62 | 276  | 14374    | 0.48 | ng/ul# | 88     |
| 25) Dibenzo(a,h)anthracene | 25.63 | 278  | 10950    | 0.47 | ng/ul  | 98     |
| 26) Benzo(g,h,i)perylene   | 26.30 | 276  | 11610    | 0.46 | ng/ul  | 93     |

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

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