

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091019\  
 Data File : BM022617.D  
 Acq On : 10 Sep 2019 13:25  
 Operator : HP/JU  
 Sample : SSTD0.855  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.855

Quant Time: Sep 10 14:15:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 13:22:48 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 16822    | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.64 | 136  | 65427    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.48 | 164  | 33063    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.21 | 188  | 72577    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.39 | 240  | 57803    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.68 | 264  | 51069    | 0.40 | ng/ul | 0.00     |

|                             |       |     |        |      |       |      |
|-----------------------------|-------|-----|--------|------|-------|------|
| System Monitoring Compounds |       |     |        |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152 | 81092  | 0.75 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.24 | 212 | 154808 | 0.63 | ng/ul | 0.00 |

|                            |       |     |        |        |        |     |
|----------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds           |       |     |        | Qvalue |        |     |
| 3) Naphthalene             | 10.69 | 128 | 141482 | 0.766  | ng/ul  | 99  |
| 5) 2-Methylnaphthalene     | 12.30 | 142 | 96471  | 0.783  | ng/ul  | 100 |
| 7) Acenaphthylene          | 14.20 | 152 | 117290 | 0.761  | ng/ul  | 100 |
| 8) Acenaphthene            | 14.54 | 153 | 97714  | 0.774  | ng/ul  | 99  |
| 9) Fluorene                | 15.52 | 166 | 112579 | 0.803  | ng/ul  | 99  |
| 11) Pentachlorophenol      | 16.86 | 266 | 10936  | 0.817  | ng/ul  | 99  |
| 12) Phenanthrene           | 17.26 | 178 | 177440 | 0.840  | ng/ul  | 100 |
| 13) Anthracene             | 17.35 | 178 | 154336 | 0.857  | ng/ul  | 100 |
| 15) Fluoranthene           | 19.27 | 202 | 195322 | 0.690  | ng/ul  | 100 |
| 17) Pyrene                 | 19.63 | 202 | 195904 | 0.825  | ng/ul  | 99  |
| 18) Benzo(a)anthracene     | 21.38 | 228 | 171929 | 0.832  | ng/ul  | 100 |
| 19) Chrysene               | 21.43 | 228 | 175799 | 0.661  | ng/ul  | 100 |
| 21) Benzo(b)fluoranthene   | 22.99 | 252 | 172998 | 1.005  | ng/ul  | 94  |
| 22) Benzo(k)fluoranthene   | 23.03 | 252 | 172310 | 0.884  | ng/ul  | 95  |
| 23) Benzo(a)pyrene         | 23.58 | 252 | 149871 | 0.856  | ng/ul# | 92  |
| 24) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 181534 | 0.868  | ng/ul# | 98  |
| 25) Dibenzo(a,h)anthracene | 26.01 | 278 | 147197 | 0.871  | ng/ul  | 97  |
| 26) Benzo(g,h,i)perylene   | 26.70 | 276 | 145945 | 0.775  | ng/ul  | 99  |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091019\  
Data File : BM022617.D  
Acq On : 10 Sep 2019 13:25  
Operator : HP/JU  
Sample : SST0.855  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD0.855

Quant Time: Sep 10 14:15:52 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM091019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 10 13:22:48 2019  
Response via : Initial Calibration

