

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM073119\  
 Data File : BM021748.D  
 Acq On : 31 Jul 2019 14:32  
 Operator : HP/JU  
 Sample : SSTD1.611  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.611

Quant Time: Jul 31 15:07:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM073119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 14:07:07 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 1544     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.45 | 136  | 3657     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.32 | 164  | 1450     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.07 | 188  | 3697     | 0.40 | ng/ul | -0.01    |
| 16) Chrysene-d12          | 21.27 | 240  | 5309     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.51 | 264  | 6129     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.05 | 152  | 7381     | 1.26 | ng/ul | -0.02    |
| 14) Fluoranthene-d10        | 19.11 | 212  | 17473    | 1.52 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.50 | 128  | 15156    | 1.565 | ng/ul  | 95     |
| 5) 2-Methylnaphthalene     | 12.13 | 142  | 8494     | 1.254 | ng/ul  | 95     |
| 7) Acenaphthylene          | 14.04 | 152  | 12940    | 1.802 | ng/ul  | 96     |
| 8) Acenaphthene            | 14.38 | 153  | 9750     | 1.851 | ng/ul  | 99     |
| 9) Fluorene                | 15.37 | 166  | 11377    | 1.853 | ng/ul  | 98     |
| 11) Pentachlorophenol      | 16.74 | 266  | 2180     | 2.401 | ng/ul  | 97     |
| 12) Phenanthrene           | 17.11 | 178  | 17336    | 1.685 | ng/ul  | 96     |
| 13) Anthracene             | 17.21 | 178  | 15513    | 1.801 | ng/ul  | 95     |
| 15) Fluoranthene           | 19.14 | 202  | 22038    | 1.629 | ng/ul  | 97     |
| 17) Pyrene                 | 19.50 | 202  | 20966    | 1.187 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.25 | 228  | 27078    | 1.537 | ng/ul  | 98     |
| 19) Chrysene               | 21.31 | 228  | 31773    | 1.524 | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 22.83 | 252  | 41152    | 2.168 | ng/ul  | 90     |
| 22) Benzo(k)fluoranthene   | 22.88 | 252  | 40213    | 1.903 | ng/ul# | 90     |
| 23) Benzo(a)pyrene         | 23.41 | 252  | 36034    | 1.851 | ng/ul# | 86     |
| 24) Indeno(1,2,3-cd)pyrene | 25.74 | 276  | 48119    | 1.997 | ng/ul# | 98     |
| 25) Dibenzo(a,h)anthracene | 25.76 | 278  | 38503    | 1.963 | ng/ul# | 90     |
| 26) Benzo(g,h,i)perylene   | 26.43 | 276  | 43379    | 2.055 | ng/ul  | 96     |

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

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