

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM073119\  
 Data File : BM021747.D  
 Acq On : 31 Jul 2019 13:55  
 Operator : HP/JU  
 Sample : SSTD0.810  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.810

Quant Time: Jul 31 14:40:14 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  | 1760     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.45 | 136  | 3938     | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.32 | 164  | 1496     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.08 | 188  | 3708     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.27 | 240  | 4245     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.51 | 264  | 5377     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152  | 3791     | 0.60 | ng/ul | -0.01    |
| 14) Fluoranthene-d10        | 19.11 | 212  | 8153     | 0.71 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.50 | 128  | 7966     | 0.764 | ng/ul  | 97     |
| 5) 2-Methylnaphthalene     | 12.13 | 142  | 4287     | 0.588 | ng/ul  | 95     |
| 7) Acenaphthylene          | 14.04 | 152  | 6522     | 0.880 | ng/ul  | 97     |
| 8) Acenaphthene            | 14.38 | 153  | 4754     | 0.875 | ng/ul  | 99     |
| 9) Fluorene                | 15.38 | 166  | 5345     | 0.844 | ng/ul  | 99     |
| 11) Pentachlorophenol      | 16.74 | 266  | 1007     | 1.106 | ng/ul  | 98     |
| 12) Phenanthrene           | 17.12 | 178  | 8286     | 0.803 | ng/ul  | 97     |
| 13) Anthracene             | 17.22 | 178  | 7331     | 0.849 | ng/ul  | 97     |
| 15) Fluoranthene           | 19.14 | 202  | 9824     | 0.724 | ng/ul  | 97     |
| 17) Pyrene                 | 19.51 | 202  | 9783     | 0.693 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.26 | 228  | 10785    | 0.766 | ng/ul  | 99     |
| 19) Chrysene               | 21.31 | 228  | 13045    | 0.783 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.83 | 252  | 16873    | 1.013 | ng/ul  | 94     |
| 22) Benzo(k)fluoranthene   | 22.88 | 252  | 16356    | 0.882 | ng/ul  | 94     |
| 23) Benzo(a)pyrene         | 23.41 | 252  | 14603    | 0.855 | ng/ul  | 94     |
| 24) Indeno(1,2,3-cd)pyrene | 25.75 | 276  | 19398    | 0.918 | ng/ul# | 99     |
| 25) Dibenzo(a,h)anthracene | 25.76 | 278  | 15202    | 0.884 | ng/ul  | 95     |
| 26) Benzo(g,h,i)perylene   | 26.44 | 276  | 18359    | 0.991 | ng/ul  | 98     |

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

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