

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081720\  
 Data File : BM027113.D  
 Acq On : 17 Aug 2020 13:05  
 Operator : JU/CG  
 Sample : SSTD1.679  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.679

Quant Time: Aug 17 13:40:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 12:32:35 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 1227     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.40 | 136  | 3857     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.27 | 164  | 2457     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.01 | 188  | 5481     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.21 | 240  | 5464     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.40 | 264  | 5416     | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.00 | 152 | 10828 | 1.71 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.04 | 212 | 25893 | 1.65 | ng/ul | 0.00 |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Ovalue |        |     |
| 3) Naphthalene             | 10.45 | 128 | 18089 | 1.490  | ng/ul  | 98  |
| 5) 2-Methylnaphthalene     | 12.07 | 142 | 12775 | 1.590  | ng/ul  | 96  |
| 7) Acenaphthylene          | 13.98 | 152 | 16595 | 1.449  | ng/ul  | 97  |
| 8) Acenaphthene            | 14.33 | 153 | 14560 | 1.503  | ng/ul  | 99  |
| 9) Fluorene                | 15.32 | 166 | 17944 | 1.581  | ng/ul  | 98  |
| 11) Pentachlorophenol      | 16.67 | 266 | 2912  | 2.103  | ng/ul  | 97  |
| 12) Phenanthrene           | 17.05 | 178 | 29560 | 1.581  | ng/ul  | 98  |
| 13) Anthracene             | 17.14 | 178 | 27400 | 1.741  | ng/ul  | 97  |
| 15) Fluoranthene           | 19.07 | 202 | 36491 | 1.678  | ng/ul  | 98  |
| 17) Pyrene                 | 19.43 | 202 | 36265 | 1.377  | ng/ul  | 99  |
| 18) Benzo(a)anthracene     | 21.19 | 228 | 34771 | 1.682  | ng/ul  | 98  |
| 19) Chrysene               | 21.24 | 228 | 37037 | 1.442  | ng/ul  | 99  |
| 21) Benzo(b)fluoranthene   | 22.75 | 252 | 37841 | 1.530  | ng/ul  | 92  |
| 22) Benzo(k)fluoranthene   | 22.79 | 252 | 39431 | 1.449  | ng/ul# | 92  |
| 23) Benzo(a)pyrene         | 23.30 | 252 | 34239 | 1.652  | ng/ul# | 89  |
| 24) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 47865 | 2.096  | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.60 | 278 | 39762 | 2.266  | ng/ul  | 93  |
| 26) Benzo(g,h,i)perylene   | 26.25 | 276 | 41411 | 1.980  | ng/ul  | 96  |

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

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