

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060320\  
 Data File : BN010754.D  
 Acq On : 03 Jun 2020 16:09  
 Operator : CG/JU  
 Sample : SSTD3.205  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD3.205

Quant Time: Jun 03 16:38:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 03 14:56:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 1788     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.32 | 136  | 5883     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.19 | 164  | 3055     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 6082     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.15 | 240  | 5555     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.30 | 264  | 4728     | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.91 | 152 | 41690 | 4.36 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 18.97 | 212 | 82511 | 4.65 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Ovalue |        |    |
| 3) Naphthalene             | 10.36 | 128 | 50575 | 2.789  | ng/ul  | 97 |
| 5) 2-Methylnaphthalene     | 11.98 | 142 | 32954 | 2.827  | ng/ul  | 98 |
| 7) Acenaphthylene          | 13.90 | 152 | 42816 | 2.920  | ng/ul  | 98 |
| 8) Acenaphthene            | 14.25 | 153 | 33943 | 2.822  | ng/ul  | 99 |
| 9) Fluorene                | 15.25 | 166 | 38580 | 2.907  | ng/ul  | 99 |
| 11) Pentachlorophenol      | 16.60 | 266 | 4690  | 2.894  | ng/ul  | 97 |
| 12) Phenanthrene           | 16.98 | 178 | 60050 | 2.873  | ng/ul  | 98 |
| 13) Anthracene             | 17.07 | 178 | 53396 | 3.070  | ng/ul  | 97 |
| 15) Fluoranthene           | 19.00 | 202 | 70940 | 3.072  | ng/ul  | 98 |
| 17) Pyrene                 | 19.37 | 202 | 67994 | 2.806  | ng/ul  | 99 |
| 18) Benzo(a)anthracene     | 21.13 | 228 | 62564 | 2.971  | ng/ul  | 98 |
| 19) Chrysene               | 21.18 | 228 | 68995 | 2.709  | ng/ul  | 99 |
| 21) Benzo(b)fluoranthene   | 22.66 | 252 | 64365 | 3.005  | ng/ul  | 87 |
| 22) Benzo(k)fluoranthene   | 22.70 | 252 | 68050 | 2.969  | ng/ul# | 88 |
| 23) Benzo(a)pyrene         | 23.21 | 252 | 54832 | 2.977  | ng/ul# | 81 |
| 24) Indeno(1,2,3-cd)pyrene | 25.42 | 276 | 75813 | 2.997  | ng/ul# | 98 |
| 25) Dibenzo(a,h)anthracene | 25.43 | 278 | 63150 | 3.063  | ng/ul  | 91 |
| 26) Benzo(g,h,i)perylene   | 26.06 | 276 | 66521 | 2.974  | ng/ul  | 96 |

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

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