

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060220\  
 Data File : BN010745.D  
 Acq On : 02 Jun 2020 15:05  
 Operator : CG/JU  
 Sample : SSTD1.603  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.603

Quant Time: Jun 02 15:55:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN060220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 02 14:30:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 2066     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.32 | 136  | 6921     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.19 | 164  | 3583     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 7164     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.15 | 240  | 6356     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.30 | 264  | 5647     | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.91 | 152 | 18505 | 1.57 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 18.97 | 212 | 34635 | 1.54 | ng/ul | 0.00 |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.37 | 128  | 34930    | 1.59 | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 11.99 | 142  | 22696    | 1.54 | ng/ul  | 100    |
| 7) Acenaphthylene          | 13.90 | 152  | 29637    | 1.56 | ng/ul  | 99     |
| 8) Acenaphthene            | 14.25 | 153  | 23504    | 1.60 | ng/ul  | 98     |
| 9) Fluorene                | 15.25 | 166  | 26594    | 1.53 | ng/ul  | 99     |
| 11) Pentachlorophenol      | 16.60 | 266  | 3256     | 2.33 | ng/ul  | 99     |
| 12) Phenanthrene           | 16.98 | 178  | 41234    | 1.60 | ng/ul  | 98     |
| 13) Anthracene             | 17.07 | 178  | 36345    | 1.60 | ng/ul  | 98     |
| 15) Fluoranthene           | 19.00 | 202  | 47390    | 1.51 | ng/ul  | 98     |
| 17) Pyrene                 | 19.37 | 202  | 45947    | 1.52 | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.13 | 228  | 41192    | 1.50 | ng/ul  | 99     |
| 19) Chrysene               | 21.18 | 228  | 45597    | 1.46 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.66 | 252  | 42933    | 1.68 | ng/ul  | 91     |
| 22) Benzo(k)fluoranthene   | 22.71 | 252  | 44954    | 1.67 | ng/ul# | 91     |
| 23) Benzo(a)pyrene         | 23.21 | 252  | 36663    | 1.65 | ng/ul# | 85     |
| 24) Indeno(1,2,3-cd)pyrene | 25.42 | 276  | 51338    | 1.85 | ng/ul  | 97     |
| 25) Dibenzo(a,h)anthracene | 25.43 | 278  | 42309    | 1.86 | ng/ul  | 93     |
| 26) Benzo(g,h,i)perylene   | 26.06 | 276  | 44062    | 1.81 | ng/ul  | 95     |

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

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