

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122818\  
 Data File : BN004263.D  
 Acq On : 28 Dec 2018 15:36  
 Operator : JU/SJ  
 Sample : SSTD1.656  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.656

Quant Time: Dec 28 16:19:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 28 15:21:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 2062     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.62 | 136  | 8893     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.46 | 164  | 4996     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.21 | 188  | 12003    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.40 | 240  | 13426    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.73 | 264  | 12256    | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.20 | 152 | 22497 | 1.92 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.24 | 212 | 60497 | 2.17 | ng/ul | 0.00 |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Ovalue |        |     |
| 3) Naphthalene             | 10.67 | 128 | 40359 | 1.417  | ng/ul  | 98  |
| 5) 2-Methylnaphthalene     | 12.28 | 142 | 29101 | 1.611  | ng/ul  | 100 |
| 7) Acenaphthylene          | 14.19 | 152 | 42900 | 1.726  | ng/ul  | 99  |
| 8) Acenaphthene            | 14.52 | 153 | 33917 | 1.414  | ng/ul  | 99  |
| 9) Fluorene                | 15.51 | 166 | 40271 | 1.546  | ng/ul  | 99  |
| 11) Pentachlorophenol      | 16.88 | 266 | 3015  | 1.249  | ng/ul  | 99  |
| 12) Phenanthrene           | 17.25 | 178 | 63832 | 1.303  | ng/ul  | 99  |
| 13) Anthracene             | 17.35 | 178 | 58847 | 1.617  | ng/ul  | 99  |
| 15) Fluoranthene           | 19.27 | 202 | 80929 | 1.703  | ng/ul  | 99  |
| 17) Pyrene                 | 19.64 | 202 | 79689 | 1.008  | ng/ul  | 99  |
| 18) Benzo(a)anthracene     | 21.39 | 228 | 75149 | 1.426  | ng/ul  | 99  |
| 19) Chrysene               | 21.44 | 228 | 75695 | 1.055  | ng/ul  | 99  |
| 21) Benzo(b)fluoranthene   | 23.02 | 252 | 75342 | 1.021  | ng/ul  | 97  |
| 22) Benzo(k)fluoranthene   | 23.07 | 252 | 76239 | 1.097  | ng/ul  | 96  |
| 23) Benzo(a)pyrene         | 23.63 | 252 | 74124 | 1.285  | ng/ul  | 95  |
| 24) Indeno(1,2,3-cd)pyrene | 26.10 | 276 | 73800 | 1.133  | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 26.10 | 278 | 60323 | 1.284  | ng/ul  | 96  |
| 26) Benzo(g,h,i)perylene   | 26.83 | 276 | 65687 | 1.024  | ng/ul  | 97  |

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

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