

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN041819\  
 Data File : BN005148.D  
 Acq On : 18 Apr 2019 10:49  
 Operator : JU/SJ  
 Sample : SSTD1.656  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.656

Quant Time: Apr 18 11:22:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN041819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 11:12:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 3064     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 11495    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 6635     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.99 | 188  | 15177    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.20 | 240  | 12624    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.39 | 264  | 10915    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 30707    | 1.70   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.03 | 212  | 71700    | 1.51   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.42 | 128  | 51662    | 1.565  | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.04 | 142  | 37350    | 1.583  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.95 | 152  | 55076    | 1.816  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.30 | 153  | 40520    | 1.540  | ng/ul  | 100      |
| 9) Fluorene                 | 15.30 | 166  | 47628    | 1.513  | ng/ul  | 98       |
| 11) Pentachlorophenol       | 16.64 | 266  | 6447     | 1.995  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.03 | 178  | 77480    | 1.571  | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 73416    | 1.766  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.06 | 202  | 89548    | 1.481  | ng/ul  | 99       |
| 17) Pyrene                  | 19.42 | 202  | 87349    | 2.149  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.19 | 228  | 79634    | 1.956  | ng/ul  | 100      |
| 19) Chrysene                | 21.24 | 228  | 78650    | 1.664  | ng/ul  | 100      |
| 21) Benzo(b)fluoranthene    | 22.74 | 252  | 71762    | 1.645  | ng/ul  | 97       |
| 22) Benzo(k)fluoranthene    | 22.78 | 252  | 70205    | 1.637  | ng/ul  | 96       |
| 23) Benzo(a)pyrene          | 23.29 | 252  | 63798    | 1.634  | ng/ul  | 96       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.56 | 276  | 69727    | 1.359  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.58 | 278  | 57427    | 1.382  | ng/ul  | 98       |
| 26) Benzo(g,h,i)perylene    | 26.21 | 276  | 58488    | 1.257  | ng/ul  | 97       |

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

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