

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010320\  
 Data File : BN009307.D  
 Acq On : 03 Jan 2020 18:54  
 Operator : JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.412

Quant Time: Jan 03 21:53:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 15:42:47 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.50  | 152  | 1776     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.25 | 136  | 6412     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.13 | 164  | 3699     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.88 | 188  | 7486     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.08 | 240  | 4892     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 4288     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.85 | 152  | 4333     | 0.38   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.91 | 212  | 8441     | 0.38   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.30 | 128  | 7863     | 0.404  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 11.92 | 142  | 5507     | 0.375  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.84 | 152  | 7333     | 0.377  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.19 | 153  | 5767     | 0.378  | ng/ul  | 99       |
| 9) Fluorene                 | 15.18 | 166  | 6575     | 0.365  | ng/ul  | 100      |
| 11) Pentachlorophenol       | 16.54 | 266  | 863      | 0.432  | ng/ul  | 99       |
| 12) Phenanthrene            | 16.92 | 178  | 10392    | 0.399  | ng/ul  | 99       |
| 13) Anthracene              | 17.01 | 178  | 9380     | 0.402  | ng/ul  | 99       |
| 15) Fluoranthene            | 18.94 | 202  | 11157    | 0.375  | ng/ul  | 99       |
| 17) Pyrene                  | 19.31 | 202  | 11036    | 0.442  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.07 | 228  | 8772     | 0.404  | ng/ul  | 99       |
| 19) Chrysene                | 21.12 | 228  | 8919     | 0.409  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.58 | 252  | 7886     | 0.394  | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 22.62 | 252  | 8100     | 0.401  | ng/ul  | 94       |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 7248     | 0.413  | ng/ul# | 93       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.30 | 276  | 8392     | 0.439  | ng/ul# | 95       |
| 25) Dibenzo(a,h)anthracene  | 25.31 | 278  | 6841     | 0.450  | ng/ul  | 97       |
| 26) Benzo(g,h,i)perylene    | 25.93 | 276  | 7315     | 0.454  | ng/ul  | 98       |

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

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