

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
 Data File : BM027871.D  
 Acq On : 21 Nov 2020 02:27  
 Operator : JU/CG  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.434

Quant Time: Nov 21 03:27:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 02:40:49 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.33  | 152  | 909      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.17 | 136  | 3622     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.95 | 164  | 2215     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 4560     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.76 | 240  | 2956     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.18 | 264  | 2209     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.73 | 152  | 2402     | 0.39   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.65 | 212  | 4687     | 0.38   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.22 | 128  | 4342     | 0.400  | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.80 | 142  | 3095     | 0.419  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.67 | 152  | 4412     | 0.408  | ng/ul  | 99       |
| 8) Acenaphthene             | 15.01 | 153  | 3205     | 0.396  | ng/ul  | 99       |
| 9) Fluorene                 | 15.98 | 166  | 3727     | 0.397  | ng/ul  | 98       |
| 11) Pentachlorophenol       | 17.31 | 266  | 586      | 0.377  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.70 | 178  | 5707     | 0.396  | ng/ul  | 99       |
| 13) Anthracene              | 17.79 | 178  | 5470     | 0.394  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.68 | 202  | 6216     | 0.389  | ng/ul  | 99       |
| 17) Pyrene                  | 20.04 | 202  | 6194     | 0.413  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.74 | 228  | 4749     | 0.398  | ng/ul  | 99       |
| 19) Chrysene                | 21.80 | 228  | 4652     | 0.400  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.44 | 252  | 3746     | 0.404  | ng/ul  | 98       |
| 22) Benzo(k)fluoranthene    | 23.49 | 252  | 3679     | 0.405  | ng/ul  | 99       |
| 23) Benzo(a)pyrene          | 24.08 | 252  | 3224     | 0.397  | ng/ul  | 99       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.68 | 276  | 3594     | 0.409  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 26.69 | 278  | 3008     | 0.411  | ng/ul  | 98       |
| 26) Benzo(g,h,i)perylene    | 27.45 | 276  | 3052     | 0.414  | ng/ul  | 99       |

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

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