

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030323\  
 Data File : BM038855.D  
 Acq On : 03 Mar 2023 11:45  
 Operator : CG/JU  
 Sample : SSTD1.638  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6005

Quant Time: Mar 03 21:52:53 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM030323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 03 21:49:51 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.010  | 152  | 5807     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.826 | 136  | 18720    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.645 | 164  | 10548    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.385 | 188  | 21418    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.561 | 240  | 19871    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.011 | 264  | 15167    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.386  | 96   | 10405    | 1.697 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.409 | 152  | 36259    | 1.117 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.406 | 212  | 72703    | 1.252 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.420  | 88   | 10595    | 1.812 | ng/ul  | 94       |
| 5) Naphthalene              | 10.875 | 128  | 70760    | 1.543 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.481 | 142  | 44343    | 1.351 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.695 | 142  | 46308    | 1.381 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.362 | 152  | 62663    | 1.394 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.705 | 153  | 50154    | 1.468 | ng/ul  | 99       |
| 12) Fluorene                | 15.690 | 166  | 57946    | 1.420 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.031 | 266  | 8441     | 1.421 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.427 | 178  | 90300    | 1.412 | ng/ul  | 98       |
| 16) Anthracene              | 17.516 | 178  | 81354    | 1.383 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.438 | 202  | 107270   | 1.365 | ng/ul  | 98       |
| 20) Pyrene                  | 19.801 | 202  | 110020   | 1.309 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.544 | 228  | 91641    | 1.378 | ng/ul  | 99       |
| 22) Chrysene                | 21.599 | 228  | 103197   | 1.484 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.262 | 252  | 98595    | 1.803 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.312 | 252  | 102630   | 1.889 | ng/ul# | 95       |
| 26) Benzo(a)pyrene          | 23.900 | 252  | 83488    | 1.705 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.564 | 276  | 105712   | 1.385 | ng/ul  | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.588 | 278  | 82141    | 1.371 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.346 | 276  | 95307    | 1.397 | ng/ul  | 98       |

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

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