

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112123\  
 Data File : BM042938.D  
 Acq On : 21 Nov 2023 17:37  
 Operator : MA/JU  
 Sample : SSTD0.468  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4017

Quant Time: Nov 22 10:26:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM112123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 22 10:26:14 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.838  | 152  | 716      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.638 | 136  | 1802     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.468 | 164  | 939      | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.229 | 188  | 1979     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.415 | 240  | 1344     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.774 | 264  | 1862     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.168  | 96   | 501      | 0.448 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.233 | 152  | 909      | 0.400 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.256 | 212  | 1878     | 0.429 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.206  | 88   | 513      | 0.409 | ng/ul  | 100      |
| 5) Naphthalene              | 10.682 | 128  | 2257     | 0.398 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.310 | 142  | 1303     | 0.392 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.519 | 142  | 1383     | 0.402 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.200 | 152  | 2473     | 0.396 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.533 | 153  | 1727     | 0.395 | ng/ul  | 100      |
| 12) Fluorene                | 15.528 | 166  | 1834     | 0.390 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.891 | 266  | 423      | 0.384 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.271 | 178  | 2768     | 0.364 | ng/ul  | 100      |
| 16) Anthracene              | 17.372 | 178  | 2865     | 0.417 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.284 | 202  | 3547     | 0.428 | ng/ul  | 100      |
| 20) Pyrene                  | 19.651 | 202  | 3756     | 0.412 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.400 | 228  | 2532     | 0.402 | ng/ul  | 100      |
| 22) Chrysene                | 21.450 | 228  | 3268     | 0.464 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.043 | 252  | 2860     | 0.361 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.089 | 252  | 3858     | 0.448 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.668 | 252  | 3121     | 0.384 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.229 | 276  | 4171     | 0.383 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.242 | 278  | 3171     | 0.391 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 26.997 | 276  | 3637     | 0.392 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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