

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071024\  
 Data File : BM046498.D  
 Acq On : 10 Jul 2024 12:50  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4160

Quant Time: Jul 11 02:31:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 17:19:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.518  | 152  | 2817     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.277 | 136  | 7162     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.160 | 164  | 4855     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.913 | 188  | 10312    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.119 | 240  | 8932     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.267 | 264  | 9959     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.126  | 96   | 814      | 0.352 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.877 | 152  | 4631     | 0.401 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.951 | 212  | 10848    | 0.399 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.155  | 88   | 949      | 0.384 | ng/ul  | 85       |
| 5) Naphthalene              | 10.326 | 128  | 7288     | 0.400 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.954 | 142  | 5166     | 0.404 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.174 | 142  | 5238     | 0.401 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.878 | 152  | 8449     | 0.382 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.224 | 153  | 5711     | 0.386 | ng/ul  | 98       |
| 12) Fluorene                | 15.219 | 166  | 7107     | 0.388 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.567 | 266  | 2211     | 0.423 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.955 | 178  | 11674    | 0.397 | ng/ul  | 99       |
| 16) Anthracene              | 17.044 | 178  | 11341    | 0.395 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.979 | 202  | 14637    | 0.399 | ng/ul# | 97       |
| 20) Pyrene                  | 19.341 | 202  | 15633    | 0.394 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.105 | 228  | 15758    | 0.399 | ng/ul  | 99       |
| 22) Chrysene                | 21.154 | 228  | 15061    | 0.394 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.630 | 252  | 15961    | 0.401 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.674 | 252  | 15591    | 0.399 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.174 | 252  | 13081    | 0.400 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.400 | 276  | 18618    | 0.374 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.417 | 278  | 14649    | 0.371 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.044 | 276  | 14643    | 0.368 | ng/ul# | 97       |

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

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