

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102422\  
 Data File : BM037196.D  
 Acq On : 24 Oct 2022 10:36  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4160

Quant Time: Oct 25 02:15:03 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 22 03:34:37 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.901  | 152  | 4278     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.705 | 136  | 13410    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.529 | 164  | 7772     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.271 | 188  | 16898    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.447 | 240  | 12906    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.818 | 264  | 10973    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 2030     | 0.389 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.288 | 152  | 7398     | 0.388 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.294 | 212  | 16419    | 0.421 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.348  | 88   | 1796     | 0.331 | ng/ul  | 95       |
| 5) Naphthalene              | 10.754 | 128  | 14633    | 0.368 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.360 | 142  | 9323     | 0.392 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.580 | 142  | 9589     | 0.395 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.251 | 152  | 13467    | 0.403 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.594 | 153  | 11022    | 0.365 | ng/ul  | 98       |
| 12) Fluorene                | 15.579 | 166  | 12537    | 0.355 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.925 | 266  | 1518     | 0.371 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.313 | 178  | 20794    | 0.365 | ng/ul  | 99       |
| 16) Anthracene              | 17.402 | 178  | 17729    | 0.392 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.326 | 202  | 23857    | 0.426 | ng/ul  | 98       |
| 20) Pyrene                  | 19.689 | 202  | 24298    | 0.427 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.433 | 228  | 19867    | 0.397 | ng/ul  | 99       |
| 22) Chrysene                | 21.482 | 228  | 21056    | 0.365 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.096 | 252  | 19876    | 0.342 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.142 | 252  | 19237    | 0.342 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.716 | 252  | 16695    | 0.358 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.273 | 276  | 21434    | 0.329 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.289 | 278  | 16874    | 0.328 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.027 | 276  | 18253    | 0.318 | ng/ul  | 98       |

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

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