

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044109.D  
 Acq On : 15 Feb 2024 20:22  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4186

Quant Time: Feb 15 23:32:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 9565     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.704 | 136  | 30173    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.547 | 164  | 15369    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.301 | 188  | 32839    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 23345    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.891 | 264  | 23582    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.356  | 96   | 5784     | 0.427 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 17995    | 0.426 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 33863    | 0.486 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.390  | 88   | 5625     | 0.415 | ng/ul# | 90       |
| 5) Naphthalene              | 10.754 | 128  | 38266    | 0.427 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.371 | 142  | 23601    | 0.427 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 23723    | 0.424 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.265 | 152  | 37123    | 0.439 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.607 | 153  | 26136    | 0.427 | ng/ul  | 99       |
| 12) Fluorene                | 15.597 | 166  | 28478    | 0.413 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.946 | 266  | 3890     | 0.331 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.339 | 178  | 44191    | 0.425 | ng/ul  | 100      |
| 16) Anthracene              | 17.431 | 178  | 43920    | 0.427 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.363 | 202  | 51805    | 0.487 | ng/ul  | 100      |
| 20) Pyrene                  | 19.726 | 202  | 53696    | 0.480 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.482 | 228  | 46178    | 0.432 | ng/ul  | 100      |
| 22) Chrysene                | 21.535 | 228  | 48189    | 0.418 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.163 | 252  | 43504    | 0.447 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.212 | 252  | 45879    | 0.434 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.785 | 252  | 38494    | 0.426 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.373 | 276  | 40060    | 0.348 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.407 | 278  | 31682    | 0.349 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.128 | 276  | 33372    | 0.328 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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