

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039726.D  
 Acq On : 28 Apr 2023 03:22  
 Operator : CG/JU  
 Sample : PB152401BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS401

Quant Time: Apr 28 04:43:14 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 28 02:30:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.833  | 152  | 2729     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.617 | 136  | 11733    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.455 | 164  | 7235     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.212 | 188  | 14135    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.404 | 240  | 12404    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.754 | 264  | 10646    | 0.400 | ng/u1  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.193  | 96   | 3190     | 0.793 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.217 | 152  | 5594     | 0.372 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.243 | 212  | 13285    | 0.398 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.226  | 88   | 7829     | 1.879 | ng/u1# | 36       |
| 5) Naphthalene              | 10.666 | 128  | 10340    | 0.351 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.294 | 142  | 6107     | 0.359 | ng/u1  | 98       |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 6774     | 0.371 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.178 | 152  | 10257    | 0.366 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.515 | 153  | 8183     | 0.372 | ng/u1  | 98       |
| 12) Fluorene                | 15.519 | 166  | 8780     | 0.360 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 16.896 | 266  | 1855     | 0.602 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.255 | 178  | 13706    | 0.368 | ng/u1  | 99       |
| 16) Anthracene              | 17.356 | 178  | 11110    | 0.347 | ng/u1  | 98       |
| 19) Fluoranthene            | 19.276 | 202  | 17089    | 0.386 | ng/u1  | 99       |
| 20) Pyrene                  | 19.638 | 202  | 18595    | 0.389 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.389 | 228  | 13413    | 0.376 | ng/u1  | 98       |
| 22) Chrysene                | 21.442 | 228  | 16084    | 0.399 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.038 | 252  | 14474    | 0.387 | ng/u1  | 97       |
| 25) Benzo(k)fluoranthene    | 23.084 | 252  | 14597    | 0.383 | ng/u1  | 98       |
| 26) Benzo(a)pyrene          | 23.654 | 252  | 12508    | 0.373 | ng/u1  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.189 | 276  | 14935    | 0.352 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.202 | 278  | 11720    | 0.356 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.934 | 276  | 13010    | 0.352 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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