

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
 Data File : BM043604.D  
 Acq On : 27 Dec 2023 12:18  
 Operator : MA/JU  
 Sample : PB158067BS  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS067

Quant Time: Dec 27 21:41:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 26 22:58:31 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.971  | 152  | 4747     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.779 | 136  | 13973    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.606 | 164  | 5770     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188  | 11400    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.527 | 240  | 7366     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.939 | 264  | 8351     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.381  | 96   | 4676     | 0.780 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.368 | 152  | 6196     | 0.313 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212  | 8445     | 0.321 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.410  | 88   | 13950    | 2.319 | ng/ul# | 83       |
| 5) Naphthalene              | 10.829 | 128  | 13980    | 0.333 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.440 | 142  | 8017     | 0.296 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.654 | 142  | 7771     | 0.286 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.328 | 152  | 10841    | 0.341 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.666 | 153  | 8027     | 0.347 | ng/ul  | 99       |
| 12) Fluorene                | 15.661 | 166  | 8675     | 0.331 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.999 | 266  | 1823     | 0.722 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.392 | 178  | 13015    | 0.342 | ng/ul  | 98       |
| 16) Anthracene              | 17.485 | 178  | 12139    | 0.351 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.403 | 202  | 13087    | 0.315 | ng/ul# | 91       |
| 20) Pyrene                  | 19.766 | 202  | 13414    | 0.325 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.512 | 228  | 10970    | 0.339 | ng/ul  | 99       |
| 22) Chrysene                | 21.565 | 228  | 12316    | 0.361 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.202 | 252  | 12345    | 0.326 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.254 | 252  | 13821    | 0.352 | ng/ul# | 89       |
| 26) Benzo(a)pyrene          | 23.833 | 252  | 11185    | 0.358 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.458 | 276  | 15481    | 0.435 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.485 | 278  | 12583    | 0.446 | ng/ul# | 95       |
| 29) Benzo(g,h,i)perylene    | 27.226 | 276  | 13321    | 0.438 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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