

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039723.D  
 Acq On : 28 Apr 2023 01:34  
 Operator : CG/JU  
 Sample : 02417-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X9

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023  
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:36:08 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   | 7.800  | 152  | 3380     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.600 | 136  | 12757    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.451 | 164  | 7386     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 16344    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.401 | 240  | 13899    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.745 | 264  | 13352    | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.188  | 96   | 14346    | 2.880 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.212 | 152  | 3508     | 0.214 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 9399     | 0.251 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.650 | 128  | 1417     | 0.044 | ng/ul# | 81       |
| 7) 2-Methylnaphthalene      | 12.289 | 142  | 1067     | 0.058 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 926      | 0.047 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.242 | 178  | 3589     | 0.083 | ng/ul  | 92       |
| 19) Fluoranthene            | 19.266 | 202  | 3813     | 0.077 | ng/ul# | 89       |
| 20) Pyrene                  | 19.629 | 202  | 3429     | 0.064 | ng/ul# | 85       |
| 21) Benzo(a)anthracene      | 21.386 | 228  | 2003     | 0.050 | ng/ul# | 82       |
| 22) Chrysene                | 21.439 | 228  | 2017     | 0.045 | ng/ul# | 85       |
| 24) Benzo(b)fluoranthene    | 23.035 | 252  | 2441     | 0.052 | ng/ul# | 25       |
| 25) Benzo(k)fluoranthene    | 23.073 | 252  | 1031m    | 0.022 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.631 | 252  | 1275     | 0.030 | ng/ul# | 13       |
| -----                       |        |      |          |       |        |          |

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

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