

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092823\  
 Data File : BM042108.D  
 Acq On : 28 Sep 2023 11:11  
 Operator : MA/JU  
 Sample : 04417-29  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYF5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 12:21:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.941  | 152  | 3258     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.752 | 136  | 9013     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.583 | 164  | 4618     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.337 | 188  | 10680    | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.509 | 240  | 8620     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.918 | 264  | 7213     | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.364  | 96   | 10937    | 2.463 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.335 | 152  | 2971     | 0.263 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.361 | 212  | 5543     | 0.156 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.801 | 128  | 15551    | 0.515 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.407 | 142  | 8736     | 0.485 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.627 | 142  | 7776     | 0.426 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.310 | 152  | 2783     | 0.090 | ng/ul# | 81       |
| 11) Acenaphthene            | 14.647 | 153  | 8730     | 0.368 | ng/ul  | 99       |
| 12) Fluorene                | 15.633 | 166  | 8185     | 0.306 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.379 | 178  | 90910    | 1.835 | ng/ul  | 99       |
| 16) Anthracene              | 17.472 | 178  | 16390    | 0.383 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.389 | 202  | 214042   | 2.197 | ng/ul  | 99       |
| 20) Pyrene                  | 19.757 | 202  | 186100m  | 1.943 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.495 | 228  | 132611   | 2.029 | ng/ul  | 98       |
| 22) Chrysene                | 21.550 | 228  | 123679   | 1.832 | ng/ul# | 96       |
| 24) Benzo(b)fluoranthene    | 23.178 | 252  | 198781   | 3.580 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.225 | 252  | 74618m   | 1.382 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.810 | 252  | 149922   | 3.285 | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.397 | 276  | 109627   | 1.749 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.404 | 278  | 25510    | 0.563 | ng/ul# | 84       |
| 29) Benzo(g,h,i)perylene    | 27.176 | 276  | 102050   | 1.936 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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