

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062923\  
 Data File : BM040429.D  
 Acq On : 29 Jun 2023 09:52  
 Operator : MA/JU  
 Sample : 03143-12  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFU9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023  
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:04:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 00:44:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.940  | 152  | 6615     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.751 | 136  | 22029    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.582 | 164  | 9649     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.328 | 188  | 16780    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 10686    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.926 | 264  | 14680    | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.329  | 96   | 37588    | 3.617  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.340 | 152  | 7083     | 0.229  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.352 | 212  | 9162     | 0.267  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.800 | 128  | 20013    | 0.329  | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.411 | 142  | 13317    | 0.373  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 9576     | 0.269  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.304 | 152  | 29334    | 0.681  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.642 | 153  | 15577    | 0.428  | ng/ul  | 99       |
| 12) Fluorene                | 15.627 | 166  | 14104    | 0.363  | ng/ul# | 98       |
| 15) Phenanthrene            | 17.370 | 178  | 415063   | 7.963  | ng/ul  | 98       |
| 16) Anthracene              | 17.459 | 178  | 53807    | 1.228  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.384 | 202  | 1371679  | 30.219 | ng/ul  | 95       |
| 20) Pyrene                  | 19.747 | 202  | 1083809  | 22.271 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.494 | 228  | 535932   | 14.827 | ng/ul  | 99       |
| 22) Chrysene                | 21.547 | 228  | 635288   | 15.408 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.189 | 252  | 1136871  | 20.011 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.233 | 252  | 402165m  | 7.183  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.818 | 252  | 729386   | 14.253 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.430 | 276  | 637127   | 8.940  | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.441 | 278  | 152231   | 2.728  | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.209 | 276  | 612883   | 9.811  | ng/ul  | 94       |
| -----                       |        |      |          |        |        |          |

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

