

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062223\  
 Data File : BM040367.D  
 Acq On : 23 Jun 2023 02:27  
 Operator : MA/JU  
 Sample : 03084-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFM3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023  
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:19:17 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   | 7.953  | 152  | 8761     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.761 | 136  | 29755    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.591 | 164  | 14398    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.336 | 188  | 23374    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.515 | 240  | 14963    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.926 | 264  | 18689    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.337  | 96   | 17746    | 1.290 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.351 | 152  | 3943     | 0.095 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.361 | 212  | 4971     | 0.104 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.811 | 128  | 3796     | 0.046 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.422 | 142  | 1851     | 0.038 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.637 | 142  | 1438     | 0.030 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.313 | 152  | 2332     | 0.036 | ng/ul# | 84       |
| 14) Pentachlorophenol       | 16.994 | 266  | 484      | 0.108 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.374 | 178  | 8522     | 0.117 | ng/ul  | 96       |
| 16) Anthracene              | 17.467 | 178  | 2105     | 0.035 | ng/ul# | 79       |
| 19) Fluoranthene            | 19.389 | 202  | 17772    | 0.280 | ng/ul  | 99       |
| 20) Pyrene                  | 19.751 | 202  | 15775m   | 0.232 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.497 | 228  | 8630     | 0.171 | ng/ul# | 91       |
| 22) Chrysene                | 21.550 | 228  | 11836    | 0.205 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 20221    | 0.280 | ng/ul# | 56       |
| 25) Benzo(k)fluoranthene    | 23.236 | 252  | 8476m    | 0.119 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.818 | 252  | 11917    | 0.183 | ng/ul# | 63       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 13357    | 0.147 | ng/ul# | 44       |
| 28) Dibenzo(a,h)anthracene  | 26.447 | 278  | 4425     | 0.062 | ng/ul# | 40       |
| 29) Benzo(g,h,i)perylene    | 27.208 | 276  | 13903    | 0.175 | ng/ul# | 90       |
| -----                       |        |      |          |       |        |          |

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

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