

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040315.D  
 Acq On : 19 Jun 2023 15:29  
 Operator : MA/JU  
 Sample : 03080-18  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFJ7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:13:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.970  | 152  | 8260     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.778 | 136  | 32328    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.610 | 164  | 19569    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.349 | 188  | 37162    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.533 | 240  | 22667    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.962 | 264  | 32097    | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.346  | 96   | 34543    | 3.387  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.362 | 152  | 10935    | 0.267  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.375 | 212  | 20727    | 0.367  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.828 | 128  | 49540    | 0.647  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.439 | 142  | 20542    | 0.432  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.659 | 142  | 17493    | 0.351  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.328 | 152  | 123516   | 1.804  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.670 | 153  | 49457    | 0.843  | ng/ul  | 99       |
| 12) Fluorene                | 15.655 | 166  | 38130    | 0.583  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.003 | 266  | 4460     | 0.588  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.392 | 178  | 1281630  | 13.117 | ng/ul  | 99       |
| 16) Anthracene              | 17.485 | 178  | 269371   | 3.254  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.408 | 202  | 3634960  | 47.078 | ng/ul  | 97       |
| 20) Pyrene                  | 19.770 | 202  | 3035018  | 37.832 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.515 | 228  | 1731373  | 25.878 | ng/ul  | 98       |
| 22) Chrysene                | 21.568 | 228  | 1852105  | 26.205 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.222 | 252  | 3255055  | 27.510 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.266 | 252  | 1066682m | 9.573  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.856 | 252  | 2307547  | 23.766 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.491 | 276  | 2067678  | 16.824 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.498 | 278  | 539267   | 5.466  | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.276 | 276  | 2070642  | 20.172 | ng/ul  | 96       |

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

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