

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
 Data File : BM046431.D  
 Acq On : 08 Jul 2024 12:07  
 Operator : MA/JU  
 Sample : P3010-16DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4B69DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024  
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 13:13:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 16:01:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.535  | 152  | 5996     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.299 | 136  | 16676    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.178 | 164  | 9826     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.926 | 188  | 17993    | 0.400 | ng/ul   | -0.01    |
| 17) Chrysene-d12            | 21.134 | 240  | 10927    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.288 | 264  | 11148    | 0.400 | ng/ul # | -0.01    |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 3440     | 0.555 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.899 | 152  | 1199     | 0.049 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.965 | 212  | 2040     | 0.053 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 11) Acenaphthene            | 14.238 | 153  | 679      | 0.021 | ng/ul   | 94       |
| 12) Fluorene                | 15.233 | 166  | 840      | 0.022 | ng/ul#  | 96       |
| 15) Phenanthrene            | 16.968 | 178  | 16089    | 0.299 | ng/ul   | 100      |
| 16) Anthracene              | 17.061 | 178  | 3159m    | 0.060 | ng/ul   |          |
| 19) Fluoranthene            | 18.997 | 202  | 36469    | 0.660 | ng/ul#  | 96       |
| 20) Pyrene                  | 19.360 | 202  | 24485    | 0.431 | ng/ul#  | 93       |
| 21) Benzo(a)anthracene      | 21.119 | 228  | 14872    | 0.305 | ng/ul   | 95       |
| 22) Chrysene                | 21.169 | 228  | 16214    | 0.334 | ng/ul   | 96       |
| 24) Benzo(b)fluoranthene    | 22.651 | 252  | 20328m   | 0.429 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.692 | 252  | 7259m    | 0.152 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.194 | 252  | 6736     | 0.180 | ng/ul#  | 74       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.430 | 276  | 6450     | 0.127 | ng/ul#  | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.447 | 278  | 2353     | 0.060 | ng/ul#  | 36       |
| 29) Benzo(g,h,i)perylene    | 26.077 | 276  | 1061     | 0.026 | ng/ul#  | 21       |
| -----                       |        |      |          |       |         |          |

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

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