

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046272.D  
 Acq On : 25 Jun 2024 02:37  
 Operator : MA/JU  
 Sample : P2776-21DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C74DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024  
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 03:09:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 02:25:34 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.413  | 152  | 2275     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.215 | 136  | 6863     | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.066 | 164  | 4027     | 0.400 | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.815 | 188  | 7668     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.012 | 240  | 6130     | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.093 | 264  | 6479m    | 0.400 | ng/ul  | -0.05    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96   | 2464     | 0.789 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.848 | 152  | 474      | 0.051 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.843 | 212  | 1011     | 0.055 | ng/ul  | -0.04    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.784 | 152  | 598      | 0.031 | ng/ul# | 53       |
| 15) Phenanthrene            | 16.853 | 178  | 3086     | 0.143 | ng/ul  | 95       |
| 16) Anthracene              | 16.950 | 178  | 768      | 0.048 | ng/ul# | 65       |
| 19) Fluoranthene            | 18.871 | 202  | 7967     | 0.300 | ng/ul  | 98       |
| 20) Pyrene                  | 19.229 | 202  | 7674     | 0.267 | ng/ul# | 90       |
| 21) Benzo(a)anthracene      | 21.000 | 228  | 3573     | 0.151 | ng/ul# | 89       |
| 22) Chrysene                | 21.047 | 228  | 3829     | 0.127 | ng/ul  | 93       |
| 24) Benzo(b)fluoranthene    | 22.482 | 252  | 6031m    | 0.258 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.517 | 252  | 2490m    | 0.090 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.002 | 252  | 4041     | 0.187 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.159 | 276  | 3506     | 0.099 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.162 | 278  | 841      | 0.032 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 25.769 | 276  | 3677     | 0.121 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

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

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