

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046659.D  
 Acq On : 17 Jul 2024 07:44  
 Operator : MA/JU  
 Sample : P3100-09  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BW7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 08:14:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 08:57:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.497  | 152  | 3166     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.255 | 136  | 8642     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.141 | 164  | 5812     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.892 | 188  | 13124m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.102 | 240  | 11385    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.238 | 264  | 11571m   | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 7480     | 2.876 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.855 | 152  | 3051     | 0.219 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.932 | 212  | 7668     | 0.221 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.304 | 128  | 470      | 0.021 | ng/ul# | 66       |
| 10) Acenaphthylene          | 13.854 | 152  | 1121     | 0.042 | ng/ul# | 83       |
| 15) Phenanthrene            | 16.934 | 178  | 5505     | 0.147 | ng/ul  | 98       |
| 16) Anthracene              | 17.027 | 178  | 1925     | 0.053 | ng/ul# | 90       |
| 19) Fluoranthene            | 18.960 | 202  | 13973    | 0.299 | ng/ul# | 98       |
| 20) Pyrene                  | 19.327 | 202  | 12724m   | 0.251 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.084 | 228  | 8058     | 0.160 | ng/ul# | 90       |
| 22) Chrysene                | 21.134 | 228  | 8150m    | 0.167 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.607 | 252  | 10653m   | 0.230 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.642 | 252  | 3927m    | 0.087 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.148 | 252  | 6943     | 0.183 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.353 | 276  | 5721     | 0.099 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.360 | 278  | 1458     | 0.032 | ng/ul# | 8        |
| 29) Benzo(g,h,i)perylene    | 25.993 | 276  | 5534     | 0.120 | ng/ul# | 90       |
| -----                       |        |      |          |       |        |          |

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

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