

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046609.D  
 Acq On : 15 Jul 2024 23:09  
 Operator : MA/JU  
 Sample : P3087-19  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BR4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:25:52 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   | 7.506  | 152  | 2192     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.260 | 136  | 5936     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.146 | 164  | 4160     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.896 | 188  | 9446m    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.105 | 240  | 7913     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.244 | 264  | 7880m    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 7232     | 4.016 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.860 | 152  | 2803     | 0.293 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.937 | 212  | 6901     | 0.287 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.310 | 128  | 828      | 0.055 | ng/ul# | 80       |
| 7) 2-Methylnaphthalene      | 11.937 | 142  | 332      | 0.031 | ng/ul  | 90       |
| 10) Acenaphthylene          | 13.864 | 152  | 1592     | 0.084 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.211 | 153  | 264      | 0.021 | ng/ul  | 95       |
| 12) Fluorene                | 15.205 | 166  | 543      | 0.035 | ng/ul# | 92       |
| 15) Phenanthrene            | 16.939 | 178  | 7930     | 0.294 | ng/ul  | 96       |
| 16) Anthracene              | 17.031 | 178  | 2239     | 0.085 | ng/ul# | 86       |
| 19) Fluoranthene            | 18.970 | 202  | 19502    | 0.600 | ng/ul  | 99       |
| 20) Pyrene                  | 19.332 | 202  | 20384    | 0.579 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.087 | 228  | 10486    | 0.300 | ng/ul# | 90       |
| 22) Chrysene                | 21.140 | 228  | 12339    | 0.364 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 22.610 | 252  | 15720m   | 0.499 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.651 | 252  | 5780m    | 0.187 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.153 | 252  | 10199    | 0.394 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.363 | 276  | 8253     | 0.209 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.376 | 278  | 2192     | 0.070 | ng/ul# | 18       |
| 29) Benzo(g,h,i)perylene    | 26.007 | 276  | 8344     | 0.265 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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