

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
 Data File : BM046752.D  
 Acq On : 22 Jul 2024 15:21  
 Operator : MA/JU  
 Sample : P3238-20  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CH5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 15:59:07 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 : Fri Jul 19 11:38:04 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.485  | 152  | 3265     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.244 | 136  | 8896     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.127 | 164  | 5827     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.884 | 188  | 12590    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.093 | 240  | 10151    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.229 | 264  | 10331    | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.109  | 96   | 6711     | 2.502 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.838 | 152  | 2718     | 0.189 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.923 | 212  | 6085     | 0.197 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.293 | 128  | 846      | 0.037 | ng/ul#  | 82       |
| 7) 2-Methylnaphthalene      | 11.915 | 142  | 365      | 0.023 | ng/ul   | 99       |
| 10) Acenaphthylene          | 13.845 | 152  | 1715     | 0.065 | ng/ul   | 94       |
| 11) Acenaphthene            | 14.187 | 153  | 514      | 0.029 | ng/ul   | 96       |
| 12) Fluorene                | 15.187 | 166  | 576      | 0.026 | ng/ul#  | 88       |
| 15) Phenanthrene            | 16.926 | 178  | 10936    | 0.304 | ng/ul   | 99       |
| 16) Anthracene              | 17.015 | 178  | 2016     | 0.058 | ng/ul#  | 90       |
| 19) Fluoranthene            | 18.956 | 202  | 22535    | 0.540 | ng/ul   | 100      |
| 20) Pyrene                  | 19.318 | 202  | 21465    | 0.475 | ng/ul   | 98       |
| 21) Benzo(a)anthracene      | 21.079 | 228  | 10952    | 0.244 | ng/ul   | 92       |
| 22) Chrysene                | 21.128 | 228  | 13400    | 0.308 | ng/ul   | 96       |
| 24) Benzo(b)fluoranthene    | 22.598 | 252  | 18394m   | 0.446 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.633 | 252  | 5607m    | 0.138 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.136 | 252  | 10938    | 0.322 | ng/ul#  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.339 | 276  | 10150    | 0.196 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.343 | 278  | 2486     | 0.061 | ng/ul#  | 29       |
| 29) Benzo(g,h,i)perylene    | 25.983 | 276  | 10381    | 0.252 | ng/ul#  | 94       |
| -----                       |        |      |          |       |         |          |

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

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