

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071124\  
 Data File : BM046522.D  
 Acq On : 11 Jul 2024 17:51  
 Operator : MA/JU  
 Sample : P3035-23  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024  
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:22:30 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 12 04:18:37 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.514  | 152  | 2512     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.277 | 136  | 6574     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.160 | 164  | 4465     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.909 | 188  | 9726m    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.117 | 240  | 7957     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.259 | 264  | 9271     | 0.400 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.118  | 96   | 5814     | 2.817 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.877 | 152  | 2097     | 0.198 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.946 | 212  | 5351     | 0.221 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       | Qvalue  |          |
| 10) Acenaphthylene          | 13.873 | 152  | 1215     | 0.060 | ng/ul#  | 88       |
| 15) Phenanthrene            | 16.951 | 178  | 5357     | 0.193 | ng/ul   | 99       |
| 16) Anthracene              | 17.040 | 178  | 1379     | 0.051 | ng/ul#  | 89       |
| 19) Fluoranthene            | 18.979 | 202  | 16356    | 0.500 | ng/ul   | 99       |
| 20) Pyrene                  | 19.341 | 202  | 15636    | 0.442 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.099 | 228  | 9059     | 0.257 | ng/ul   | 94       |
| 22) Chrysene                | 21.152 | 228  | 9181     | 0.270 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 22.630 | 252  | 13777m   | 0.372 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.665 | 252  | 4283m    | 0.118 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.168 | 252  | 9038     | 0.297 | ng/ul   | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.386 | 276  | 7485     | 0.161 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.400 | 278  | 1794     | 0.049 | ng/ul#  | 38       |
| 29) Benzo(g,h,i)perylene    | 26.034 | 276  | 7288     | 0.197 | ng/ul#  | 94       |
| -----                       |        |      |          |       |         |          |

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

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