

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
 Data File : BM046107.D  
 Acq On : 20 Jun 2024 04:32  
 Operator : MA/JU  
 Sample : P2696-08  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BN7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024  
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 05:03:52 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 : Tue Jun 18 13:58:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.426  | 152  | 3356     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.200 | 136  | 9549     | 0.400 | ng/ul  | #-0.05   |
| 9) Acenaphthene-d10         | 14.072 | 164  | 5087     | 0.400 | ng/ul  | -0.04    |
| 13) Phenanthrene-d10        | 16.816 | 188  | 10813m   | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.014 | 240  | 8828m    | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.104 | 264  | 10246m   | 0.400 | ng/ul  | -0.04    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.033  | 96   | 16166    | 3.511 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.827 | 152  | 3199     | 0.249 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.844 | 212  | 7796     | 0.295 | ng/ul  | -0.04    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.249 | 128  | 3479     | 0.131 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.893 | 142  | 1023     | 0.068 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.108 | 142  | 857      | 0.052 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.790 | 152  | 8363     | 0.347 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.137 | 153  | 3511     | 0.202 | ng/ul  | 98       |
| 12) Fluorene                | 15.127 | 166  | 4334     | 0.232 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.512 | 266  | 78       | 0.024 | ng/ul  | 96       |
| 15) Phenanthrene            | 16.854 | 178  | 116082m  | 3.821 | ng/ul  |          |
| 16) Anthracene              | 16.947 | 178  | 18449m   | 0.815 | ng/ul  |          |
| 19) Fluoranthene            | 18.877 | 202  | 326782   | 8.549 | ng/ul  | 97       |
| 20) Pyrene                  | 19.239 | 202  | 217164   | 5.253 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 20.994 | 228  | 132741m  | 3.893 | ng/ul  |          |
| 22) Chrysene                | 21.046 | 228  | 167943   | 3.859 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.490 | 252  | 266015m  | 7.206 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.525 | 252  | 87316m   | 1.990 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.013 | 252  | 80167    | 2.344 | ng/ul# | 75       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.148 | 276  | 92526    | 1.653 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.152 | 278  | 30279    | 0.726 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 25.779 | 276  | 13576    | 0.283 | ng/ul  | 92       |

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

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