

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
 Data File : BM046192.D  
 Acq On : 22 Jun 2024 11:35  
 Operator : MA/JU  
 Sample : P2775-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C93

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 12:39:50 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 : Sat Jun 22 02:10:56 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.413  | 152  | 2376     | 0.400  | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.183 | 136  | 7189     | 0.400  | ng/ul  | -0.07    |
| 9) Acenaphthene-d10         | 14.058 | 164  | 4044     | 0.400  | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.804 | 188  | 10069m   | 0.400  | ng/ul  | -0.06    |
| 17) Chrysene-d12            | 21.006 | 240  | 6612m    | 0.400  | ng/ul  | -0.04    |
| 23) Perylene-d12            | 23.098 | 264  | 8541     | 0.400  | ng/ul  | -0.04    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96   | 12589    | 3.862  | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.794 | 152  | 2902     | 0.301  | ng/ul  | -0.07    |
| 18) Fluoranthene-d10        | 18.835 | 212  | 6671     | 0.337  | ng/ul  | -0.05    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.233 | 128  | 14695    | 0.733  | ng/ul  | 94       |
| 7) 2-Methylnaphthalene      | 11.866 | 142  | 5877     | 0.521  | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.086 | 142  | 4280     | 0.346  | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.776 | 152  | 34558    | 1.802  | ng/ul  | 97       |
| 11) Acenaphthene            | 14.123 | 153  | 9387     | 0.678  | ng/ul  | 99       |
| 12) Fluorene                | 15.117 | 166  | 12022    | 0.809  | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.483 | 266  | 227      | 0.075  | ng/ul  | 96       |
| 15) Phenanthrene            | 16.842 | 178  | 282771m  | 9.996  | ng/ul  |          |
| 16) Anthracene              | 16.934 | 178  | 59653m   | 2.831  | ng/ul  |          |
| 19) Fluoranthene            | 18.867 | 202  | 545350   | 19.049 | ng/ul  | 96       |
| 20) Pyrene                  | 19.230 | 202  | 404474   | 13.064 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 20.985 | 228  | 250699   | 9.816  | ng/ul  | 99       |
| 22) Chrysene                | 21.041 | 228  | 270875   | 8.311  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.481 | 252  | 365564m  | 11.880 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.516 | 252  | 149004m  | 4.073  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.007 | 252  | 140366   | 4.923  | ng/ul# | 74       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.142 | 276  | 142959   | 3.063  | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.145 | 278  | 48996    | 1.410  | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 25.762 | 276  | 20637    | 0.516  | ng/ul  | 93       |

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

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