

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
 Data File : BM046194.D  
 Acq On : 22 Jun 2024 12:48  
 Operator : MA/JU  
 Sample : P2775-14  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C96

Manual Integrations  
 APPROVED

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

Quant Time: Jun 22 13:30:51 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  | 2168     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.183 | 136  | 6412     | 0.400 | ng/ul  | -0.07    |
| 9) Acenaphthene-d10         | 14.063 | 164  | 3573     | 0.400 | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.804 | 188  | 7688m    | 0.400 | ng/ul  | -0.06    |
| 17) Chrysene-d12            | 21.009 | 240  | 6190m    | 0.400 | ng/ul  | -0.04    |
| 23) Perylene-d12            | 23.101 | 264  | 6682m    | 0.400 | ng/ul  | -0.04    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96   | 13372    | 4.496 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.805 | 152  | 2834     | 0.329 | ng/ul  | -0.06    |
| 18) Fluoranthene-d10        | 18.840 | 212  | 6206     | 0.335 | ng/ul  | -0.05    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.233 | 128  | 1682     | 0.094 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 11.882 | 142  | 520      | 0.052 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.097 | 142  | 456      | 0.041 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.776 | 152  | 6595     | 0.389 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.123 | 153  | 1849     | 0.151 | ng/ul  | 98       |
| 12) Fluorene                | 15.117 | 166  | 2447     | 0.186 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.846 | 178  | 62011m   | 2.871 | ng/ul  |          |
| 16) Anthracene              | 16.939 | 178  | 10650m   | 0.662 | ng/ul  |          |
| 19) Fluoranthene            | 18.872 | 202  | 129869   | 4.846 | ng/ul  | 96       |
| 20) Pyrene                  | 19.230 | 202  | 107248   | 3.700 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 20.991 | 228  | 50312    | 2.104 | ng/ul  | 99       |
| 22) Chrysene                | 21.044 | 228  | 59415m   | 1.947 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.484 | 252  | 83227m   | 3.457 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.522 | 252  | 27870m   | 0.974 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.007 | 252  | 51388    | 2.304 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.145 | 276  | 43408    | 1.189 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.148 | 278  | 9355     | 0.344 | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 25.765 | 276  | 43208    | 1.380 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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