

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050324\  
 Data File : BM045686.D  
 Acq On : 03 May 2024 02:46  
 Operator : MA/JU  
 Sample : P2305-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AL2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024  
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 03:48:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM050324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 03 03:27:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.526  | 152  | 290      | 0.400   | ng/ul  | #-0.05   |
| 4) Naphthalene-d8           | 10.281 | 136  | 974      | 0.400   | ng/ul  | #-0.07   |
| 9) Acenaphthene-d10         | 14.169 | 164  | 819      | 0.400   | ng/ul  | -0.03    |
| 13) Phenanthrene-d10        | 16.934 | 188  | 2065m    | 0.400   | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.157 | 240  | 2507     | 0.400   | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.334 | 264  | 3143     | 0.400   | ng/ul  | #-0.04   |
|                             |        |      |          |         |        |          |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.142  | 96   | 1406     | 4.282   | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.887 | 152  | 546      | 0.355   | ng/ul  | -0.07    |
| 18) Fluoranthene-d10        | 18.979 | 212  | 2567     | 0.408   | ng/ul  | -0.03    |
|                             |        |      |          |         |        |          |
| Target Compounds            |        |      |          |         | Qvalue |          |
| 5) Naphthalene              | 10.330 | 128  | 30233    | 12.182  | ng/ul# | 63       |
| 7) 2-Methylnaphthalene      | 11.964 | 142  | 836      | 0.557   | ng/ul  | 93       |
| 8) 1-Methylnaphthalene      | 12.178 | 142  | 2063     | 1.241   | ng/ul  | 91       |
| 10) Acenaphthylene          | 13.887 | 152  | 3102     | 0.902   | ng/ul# | 92       |
| 11) Acenaphthene            | 14.238 | 153  | 350649   | 137.453 | ng/ul  | 93       |
| 12) Fluorene                | 15.233 | 166  | 97339    | 32.926  | ng/ul# | 93       |
| 15) Phenanthrene            | 16.976 | 178  | 3420m    | 0.667   | ng/ul  |          |
| 16) Anthracene              | 17.069 | 178  | 18872m   | 3.791   | ng/ul  |          |
| 19) Fluoranthene            | 19.011 | 202  | 72178    | 9.060   | ng/ul# | 83       |
| 20) Pyrene                  | 19.374 | 202  | 39737    | 4.690   | ng/ul# | 86       |
| 21) Benzo(a)anthracene      | 21.140 | 228  | 1823     | 0.249   | ng/ul  | 97       |
| 22) Chrysene                | 21.189 | 228  | 1002m    | 0.097   | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.682 | 252  | 257      | 0.029   | ng/ul# | 1        |
| -----                       |        |      |          |         |        |          |

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

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