

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039804.D  
 Acq On : 02 May 2023 16:18  
 Operator : CG/JU  
 Sample : 02419-22  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW919

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023  
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:16:14 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 02 18:41:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 2852     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.589 | 136  | 8929     | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.451 | 164  | 4668     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 9000     | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.407 | 240  | 6185     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.766 | 264  | 8277     | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.188  | 96   | 11456    | 2.726  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.190 | 152  | 2665     | 0.233  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.243 | 212  | 4334     | 0.260  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.639 | 128  | 39393    | 1.757  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.261 | 142  | 36051    | 2.786  | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.481 | 142  | 27243    | 1.962  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.168 | 152  | 65383    | 3.619  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.511 | 153  | 68134    | 4.801  | ng/ul  | 98       |
| 12) Fluorene                | 15.501 | 166  | 78044    | 4.957  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.246 | 178  | 1221634  | 51.522 | ng/ul  | 99       |
| 16) Anthracene              | 17.339 | 178  | 283108   | 13.905 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.276 | 202  | 2110908  | 95.665 | ng/ul  | 99       |
| 20) Pyrene                  | 19.638 | 202  | 1863774  | 78.216 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.392 | 228  | 1025734  | 57.681 | ng/ul  | 98       |
| 22) Chrysene                | 21.445 | 228  | 910634   | 45.250 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.052 | 252  | 1358262  | 46.727 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.093 | 252  | 413399m  | 13.967 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.666 | 252  | 946481   | 36.266 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.219 | 276  | 720185   | 21.823 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.216 | 278  | 182313   | 7.118  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.974 | 276  | 675944   | 23.507 | ng/ul  | 98       |
| -----                       |        |      |          |        |        |          |

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

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