

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039822.D  
 Acq On : 03 May 2023 03:44  
 Operator : CG/JU  
 Sample : 02419-24DL 5X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW921DL

Manual Integrations  
 APPROVED

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

Quant Time: May 03 05:24:34 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   | 7.792  | 152  | 3794     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.595 | 136  | 12467    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.446 | 164  | 6639     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 14419    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.405 | 240  | 8485     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.764 | 264  | 8979     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.184  | 96   | 2071     | 0.370 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.195 | 152  | 584      | 0.037 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 996      | 0.044 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.645 | 128  | 7573     | 0.242 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.267 | 142  | 5604     | 0.310 | ng/ul  | 87       |
| 8) 1-Methylnaphthalene      | 12.487 | 142  | 3496     | 0.180 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.168 | 152  | 10136    | 0.394 | ng/ul# | 88       |
| 11) Acenaphthene            | 14.511 | 153  | 3614     | 0.179 | ng/ul  | 96       |
| 12) Fluorene                | 15.505 | 166  | 5387     | 0.241 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.246 | 178  | 62863    | 1.655 | ng/ul  | 100      |
| 16) Anthracene              | 17.339 | 178  | 15947    | 0.489 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.271 | 202  | 126241   | 4.170 | ng/ul  | 98       |
| 20) Pyrene                  | 19.638 | 202  | 114251   | 3.495 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.391 | 228  | 64921    | 2.661 | ng/ul  | 93       |
| 22) Chrysene                | 21.443 | 228  | 69621    | 2.522 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.048 | 252  | 118794m  | 3.767 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.092 | 252  | 37799m   | 1.177 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.662 | 252  | 106612   | 3.766 | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.207 | 276  | 74202    | 2.073 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.211 | 278  | 18158    | 0.653 | ng/ul# | 65       |
| 29) Benzo(g,h,i)perylene    | 26.958 | 276  | 77386    | 2.481 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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