

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072023\  
 Data File : BM041001.D  
 Acq On : 21 Jul 2023 03:53  
 Operator : MA/JU  
 Sample : 03444-13  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46T7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023  
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 04:58:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 20 05:08:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.861  | 152  | 4522     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.669 | 136  | 15581    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.518 | 164  | 9426     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.270 | 188  | 26987    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.463 | 240  | 16016    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.851 | 264  | 18729    | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 68228    | 9.177 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.264 | 152  | 15920    | 0.767 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.301 | 212  | 35908    | 0.533 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.317  | 88   | 379      | 0.048 | ng/ul# | 1        |
| 5) Naphthalene              | 10.719 | 128  | 18396    | 0.432 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.335 | 142  | 2003     | 0.086 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.555 | 142  | 1304     | 0.052 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.236 | 152  | 5662     | 0.143 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.578 | 153  | 6859     | 0.197 | ng/ul  | 98       |
| 12) Fluorene                | 15.568 | 166  | 7364     | 0.204 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.312 | 178  | 132201   | 1.639 | ng/ul  | 98       |
| 16) Anthracene              | 17.405 | 178  | 18776    | 0.299 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.334 | 202  | 281355   | 3.402 | ng/ul# | 93       |
| 20) Pyrene                  | 19.696 | 202  | 239675   | 2.837 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.445 | 228  | 106238   | 2.177 | ng/ul  | 99       |
| 22) Chrysene                | 21.498 | 228  | 110723   | 1.985 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.126 | 252  | 126234   | 1.756 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.170 | 252  | 56088m   | 0.821 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.749 | 252  | 74203    | 1.195 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.320 | 276  | 71948    | 0.873 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.327 | 278  | 19807    | 0.318 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.082 | 276  | 72196    | 0.948 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

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

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