

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112823\  
 Data File : BM043080.D  
 Acq On : 28 Nov 2023 20:09  
 Operator : MA/JU  
 Sample : 05416-22  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 23:39:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM112423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 27 02:36:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.809  | 152  | 1105m    | 0.400 | ng/ul  | -0.07    |
| 4) Naphthalene-d8           | 10.611 | 136  | 3078     | 0.400 | ng/ul  | #-0.04   |
| 9) Acenaphthene-d10         | 14.450 | 164  | 1726m    | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.212 | 188  | 3404     | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.403 | 240  | 2569     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.753 | 264  | 2468m    | 0.400 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.160  | 96   | 1913     | 1.128 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.227 | 152  | 538      | 0.131 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.242 | 212  | 1301     | 0.139 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.660 | 128  | 801      | 0.096 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.310 | 142  | 319      | 0.065 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.508 | 142  | 251      | 0.046 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.182 | 152  | 388      | 0.044 | ng/ul# | 70       |
| 12) Fluorene                | 15.509 | 166  | 182      | 0.027 | ng/ul# | 84       |
| 15) Phenanthrene            | 17.250 | 178  | 2420     | 0.249 | ng/ul  | 99       |
| 16) Anthracene              | 17.343 | 178  | 649m     | 0.071 | ng/ul  |          |
| 19) Fluoranthene            | 19.270 | 202  | 5515     | 0.379 | ng/ul# | 96       |
| 20) Pyrene                  | 19.633 | 202  | 6434     | 0.415 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.389 | 228  | 3478     | 0.417 | ng/ul  | 98       |
| 22) Chrysene                | 21.441 | 228  | 3107     | 0.200 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.031 | 252  | 4546     | 0.546 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.072 | 252  | 2066m    | 0.180 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.642 | 252  | 3011     | 0.331 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.202 | 276  | 2248     | 0.183 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.215 | 278  | 589      | 0.062 | ng/ul# | 41       |
| 29) Benzo(g,h,i)perylene    | 26.966 | 276  | 2280     | 0.191 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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