

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092823\  
 Data File : BM042121.D  
 Acq On : 28 Sep 2023 19:02  
 Operator : MA/JU  
 Sample : 04417-26  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYF2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:41:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 29 04:39:33 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.941  | 152  | 3718     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.752 | 136  | 10016    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.583 | 164  | 5109     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.337 | 188  | 11289    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.512 | 240  | 7611     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.912 | 264  | 8152     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.364  | 96   | 7244     | 1.430 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.335 | 152  | 3078     | 0.245 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.362 | 212  | 6057     | 0.193 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.801 | 128  | 6347     | 0.189 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.407 | 142  | 7922     | 0.396 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.627 | 142  | 5004     | 0.246 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.379 | 178  | 7599     | 0.145 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.390 | 202  | 3246     | 0.038 | ng/ul# | 90       |
| 20) Pyrene                  | 19.757 | 202  | 4469m    | 0.053 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.495 | 228  | 1469     | 0.025 | ng/ul# | 68       |
| 22) Chrysene                | 21.548 | 228  | 4561m    | 0.077 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.173 | 252  | 3435     | 0.055 | ng/ul# | 11       |
| 25) Benzo(k)fluoranthene    | 23.216 | 252  | 1368m    | 0.022 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.807 | 252  | 1351     | 0.026 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.391 | 276  | 1557     | 0.022 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 27.176 | 276  | 2877     | 0.048 | ng/ul# | 72       |
| -----                       |        |      |          |       |        |          |

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

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