

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
 Data File : BM041797.D  
 Acq On : 12 Sep 2023 02:57  
 Operator : MA/JU  
 Sample : 04235-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYJ9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 06:18:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 04:50:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.979  | 152  | 7517     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.796 | 136  | 17432    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.625 | 164  | 6926     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.375 | 188  | 11747    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.553 | 240  | 7258     | 0.400 | ng/ul  | # 0.01   |
| 23) Perylene-d12            | 24.000 | 264  | 8285     | 0.400 | ng/ul  | # 0.04   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.389  | 96   | 15210    | 1.324 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.379 | 152  | 3334     | 0.149 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.399 | 212  | 2608     | 0.074 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.845 | 128  | 50849    | 0.888 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.451 | 142  | 269917   | 8.306 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.671 | 142  | 260334   | 7.973 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.338 | 152  | 12163    | 0.284 | ng/ul# | 1        |
| 11) Acenaphthene            | 14.699 | 153  | 11857    | 0.356 | ng/ul# | 39       |
| 15) Phenanthrene            | 17.417 | 178  | 384341   | 7.749 | ng/ul  | 99       |
| 16) Anthracene              | 17.510 | 178  | 6976m    | 0.164 | ng/ul  |          |
| 19) Fluoranthene            | 19.427 | 202  | 419521   | 4.897 | ng/ul  | 100      |
| 20) Pyrene                  | 19.794 | 202  | 290900   | 3.419 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.536 | 228  | 42525    | 0.718 | ng/ul# | 77       |
| 22) Chrysene                | 21.591 | 228  | 189427   | 2.966 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.243 | 252  | 194825m  | 2.628 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.290 | 252  | 64936m   | 0.895 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.889 | 252  | 20547    | 0.341 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.525 | 276  | 82734    | 1.001 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.542 | 278  | 22588    | 0.390 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.317 | 276  | 98138    | 1.340 | ng/ul# | 68       |
| -----                       |        |      |          |       |        |          |

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

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