

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112723\  
 Data File : BM043062.D  
 Acq On : 27 Nov 2023 23:03  
 Operator : MA/JU  
 Sample : 05416-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023  
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 00:24:15 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  | 748m     | 0.400 | ng/ul  | -0.07    |
| 4) Naphthalene-d8           | 10.611 | 136  | 2336     | 0.400 | ng/ul  | #-0.04   |
| 9) Acenaphthene-d10         | 14.455 | 164  | 1476m    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.208 | 188  | 3164     | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.403 | 240  | 2364     | 0.400 | ng/ul  | #-0.02   |
| 23) Perylene-d12            | 23.756 | 264  | 1821m    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.160  | 96   | 1565     | 1.364 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.228 | 152  | 318      | 0.102 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.238 | 212  | 933      | 0.108 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.660 | 128  | 608      | 0.096 | ng/ul# | 84       |
| 7) 2-Methylnaphthalene      | 12.299 | 142  | 542      | 0.145 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.508 | 142  | 372      | 0.089 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.177 | 152  | 497      | 0.066 | ng/ul# | 80       |
| 12) Fluorene                | 15.509 | 166  | 217      | 0.037 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.250 | 178  | 2819     | 0.312 | ng/ul  | 98       |
| 16) Anthracene              | 17.343 | 178  | 927m     | 0.108 | ng/ul  |          |
| 19) Fluoranthene            | 19.270 | 202  | 7842     | 0.585 | ng/ul# | 94       |
| 20) Pyrene                  | 19.633 | 202  | 8552     | 0.600 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.389 | 228  | 5685     | 0.741 | ng/ul  | 96       |
| 22) Chrysene                | 21.441 | 228  | 5247     | 0.367 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.031 | 252  | 6488     | 1.056 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.072 | 252  | 3271m    | 0.387 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.645 | 252  | 3913     | 0.583 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.219 | 276  | 2482     | 0.273 | ng/ul# | 100      |
| 29) Benzo(g,h,i)perylene    | 26.983 | 276  | 2327     | 0.264 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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