

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
 Data File : BM040873.D  
 Acq On : 14 Jul 2023 11:15  
 Operator : MA/JU  
 Sample : 03418-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46F4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023  
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:14:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 14 03:14:53 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 3895     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.658 | 136  | 13467    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.504 | 164  | 6635     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.257 | 188  | 15209    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.448 | 240  | 8970     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.828 | 264  | 9273     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.275  | 96   | 27606    | 4.512 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.258 | 152  | 5722     | 0.303 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.292 | 212  | 9661     | 0.336 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.227 | 152  | 1056     | 0.036 | ng/ul# | 73       |
| 15) Phenanthrene            | 17.299 | 178  | 4912     | 0.104 | ng/ul  | 96       |
| 16) Anthracene              | 17.392 | 178  | 1154     | 0.029 | ng/ul# | 76       |
| 19) Fluoranthene            | 19.320 | 202  | 12344    | 0.324 | ng/ul  | 99       |
| 20) Pyrene                  | 19.682 | 202  | 11845m   | 0.290 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.434 | 228  | 4603     | 0.152 | ng/ul# | 94       |
| 22) Chrysene                | 21.486 | 228  | 6304     | 0.182 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.105 | 252  | 6228     | 0.174 | ng/ul  | 72       |
| 25) Benzo(k)fluoranthene    | 23.149 | 252  | 2298m    | 0.065 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.719 | 252  | 4104     | 0.127 | ng/ul# | 73       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.287 | 276  | 3131     | 0.070 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 27.042 | 276  | 3522     | 0.089 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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