

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071723\  
 Data File : BM040953.D  
 Acq On : 18 Jul 2023 14:41  
 Operator : MA/JU  
 Sample : 03444-03  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46N7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 22:26:57 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 : Tue Jul 18 22:24:09 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.849  | 152  | 5267     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.649 | 136  | 18899    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.500 | 164  | 9823     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.249 | 188  | 19530    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.446 | 240  | 12076    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.826 | 264  | 13165    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.271  | 96   | 39343    | 4.755 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.243 | 152  | 11588    | 0.437 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.284 | 212  | 19636    | 0.507 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.218 | 152  | 1744     | 0.040 | ng/ul# | 85       |
| 15) Phenanthrene            | 17.291 | 178  | 5994     | 0.099 | ng/ul  | 97       |
| 16) Anthracene              | 17.384 | 178  | 1557     | 0.031 | ng/ul# | 83       |
| 19) Fluoranthene            | 19.316 | 202  | 12738    | 0.248 | ng/ul  | 99       |
| 20) Pyrene                  | 19.679 | 202  | 12963m   | 0.236 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.432 | 228  | 4843     | 0.119 | ng/ul  | 93       |
| 22) Chrysene                | 21.484 | 228  | 5338     | 0.115 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.104 | 252  | 7867     | 0.154 | ng/ul  | 73       |
| 25) Benzo(k)fluoranthene    | 23.144 | 252  | 2604m    | 0.052 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.715 | 252  | 5568     | 0.121 | ng/ul# | 70       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.282 | 276  | 4223     | 0.066 | ng/ul# | 86       |
| 29) Benzo(g,h,i)perylene    | 27.036 | 276  | 4507     | 0.080 | ng/ul  | 90       |
| -----                       |        |      |          |       |        |          |

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

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