

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062923\  
 Data File : BM040436.D  
 Acq On : 29 Jun 2023 14:12  
 Operator : MA/JU  
 Sample : 03143-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFV1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023  
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:05:37 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 Jun 23 00:44:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.944  | 152  | 7948     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.755 | 136  | 27980    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.585 | 164  | 12381    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.331 | 188  | 21254    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.512 | 240  | 11614    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.929 | 264  | 14313    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.329  | 96   | 19451    | 1.558 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.344 | 152  | 4314     | 0.110 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.355 | 212  | 4624     | 0.124 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.804 | 128  | 8577     | 0.111 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 5647     | 0.125 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 3032     | 0.067 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.307 | 152  | 47361    | 0.856 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.645 | 153  | 1466     | 0.031 | ng/ul  | 93       |
| 12) Fluorene                | 15.635 | 166  | 2084     | 0.042 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.373 | 178  | 28555    | 0.433 | ng/ul  | 99       |
| 16) Anthracene              | 17.462 | 178  | 43580    | 0.786 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.387 | 202  | 208345   | 4.223 | ng/ul  | 96       |
| 20) Pyrene                  | 19.750 | 202  | 205467   | 3.885 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.495 | 228  | 121872   | 3.102 | ng/ul  | 98       |
| 22) Chrysene                | 21.547 | 228  | 135940   | 3.034 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.190 | 252  | 259556   | 4.686 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.234 | 252  | 83904m   | 1.537 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.821 | 252  | 130988   | 2.625 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 125369   | 1.804 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.441 | 278  | 32161    | 0.591 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.209 | 276  | 101633   | 1.669 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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