

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062623\  
 Data File : BM040401.D  
 Acq On : 26 Jun 2023 14:49  
 Operator : MA/JU  
 Sample : 03084-09DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFM6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:25:50 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   | 7.949  | 152  | 7558     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.756 | 136  | 24710    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.586 | 164  | 10456    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.332 | 188  | 18142    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.512 | 240  | 12475    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.929 | 264  | 13538    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.337  | 96   | 6012     | 0.506 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.345 | 152  | 1170     | 0.034 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.361 | 212  | 1540     | 0.039 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.805 | 128  | 10299    | 0.151 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 12.417 | 142  | 3435     | 0.086 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.637 | 142  | 2102     | 0.053 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.309 | 152  | 10116    | 0.217 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.651 | 153  | 1603     | 0.041 | ng/ul  | 96       |
| 12) Fluorene                | 15.636 | 166  | 1630     | 0.039 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.374 | 178  | 38710    | 0.687 | ng/ul  | 100      |
| 16) Anthracene              | 17.467 | 178  | 9082     | 0.192 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.389 | 202  | 101472   | 1.915 | ng/ul  | 96       |
| 20) Pyrene                  | 19.751 | 202  | 83451    | 1.469 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.497 | 228  | 44446    | 1.053 | ng/ul  | 96       |
| 22) Chrysene                | 21.550 | 228  | 51808    | 1.076 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 79423    | 1.516 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.236 | 252  | 27499m   | 0.533 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.821 | 252  | 47871    | 1.014 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 43727    | 0.665 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.447 | 278  | 10786    | 0.210 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.205 | 276  | 43167    | 0.749 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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