

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
 Data File : BM040552.D  
 Acq On : 02 Jul 2023 23:09  
 Operator : MA/JU  
 Sample : 03243-17  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGD7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:36:31 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 : Sat Jul 01 03:00:05 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 9314     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.734 | 136  | 30732    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.568 | 164  | 16614    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.319 | 188  | 31191    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.503 | 240  | 19282    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.917 | 264  | 20577    | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.325  | 96   | 42184    | 2.883  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.323 | 152  | 9233     | 0.214  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.347 | 212  | 14259    | 0.231  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.783 | 128  | 26216    | 0.309  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.395 | 142  | 15409    | 0.310  | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.615 | 142  | 10773    | 0.217  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.295 | 152  | 10196    | 0.137  | ng/ul# | 92       |
| 11) Acenaphthene            | 14.632 | 153  | 37724    | 0.602  | ng/ul  | 98       |
| 12) Fluorene                | 15.618 | 166  | 34237    | 0.512  | ng/ul  | 100      |
| 15) Phenanthrene            | 17.362 | 178  | 449323   | 4.638  | ng/ul  | 98       |
| 16) Anthracene              | 17.450 | 178  | 95666    | 1.175  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.375 | 202  | 808778   | 9.874  | ng/ul  | 96       |
| 20) Pyrene                  | 19.742 | 202  | 651375   | 7.418  | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.485 | 228  | 415668   | 6.373  | ng/ul  | 99       |
| 22) Chrysene                | 21.538 | 228  | 462410   | 6.215  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 912058   | 11.453 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.224 | 252  | 300491m  | 3.829  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 500968   | 6.984  | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 537784   | 5.383  | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.430 | 278  | 141729   | 1.812  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 526665   | 6.015  | ng/ul  | 93       |
| -----                       |        |      |          |        |        |          |

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

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