

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
 Data File : BM040558.D  
 Acq On : 03 Jul 2023 02:52  
 Operator : MA/JU  
 Sample : 03245-01  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGA7

Manual Integrations  
 APPROVED

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

Quant Time: Jul 03 06:50:22 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   | 7.924  | 152  | 8822     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.734 | 136  | 32213    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.568 | 164  | 16150    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.320 | 188  | 32553    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.503 | 240  | 18153    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.918 | 264  | 19210    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 24019    | 1.733 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.323 | 152  | 6000     | 0.133 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.347 | 212  | 9568     | 0.164 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.784 | 128  | 3046     | 0.034 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.395 | 142  | 1863     | 0.036 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.615 | 142  | 1348     | 0.026 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.290 | 152  | 7273     | 0.101 | ng/ul# | 93       |
| 12) Fluorene                | 15.618 | 166  | 1900     | 0.029 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.358 | 178  | 32521    | 0.322 | ng/ul  | 99       |
| 16) Anthracene              | 17.451 | 178  | 6633     | 0.078 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.375 | 202  | 68952    | 0.894 | ng/ul  | 98       |
| 20) Pyrene                  | 19.737 | 202  | 48766m   | 0.590 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.486 | 228  | 26673    | 0.434 | ng/ul  | 93       |
| 22) Chrysene                | 21.541 | 228  | 30119    | 0.430 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 47387    | 0.637 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.219 | 252  | 15818m   | 0.216 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 28768    | 0.430 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 27818    | 0.298 | ng/ul# | 80       |
| 28) Dibenzo(a,h)anthracene  | 26.430 | 278  | 7976     | 0.109 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 27.192 | 276  | 27961    | 0.342 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

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

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