

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070323\  
 Data File : BM040568.D  
 Acq On : 03 Jul 2023 10:35  
 Operator : MA/JU  
 Sample : 03245-18  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGH6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023  
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 01:53:41 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 : Mon Jul 03 13:40:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.923  | 152  | 6513     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.728 | 136  | 20700    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.563 | 164  | 10216    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.315 | 188  | 18529    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 14303    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.914 | 264  | 16822    | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.320  | 96   | 22746    | 2.223  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.318 | 152  | 4830     | 0.166  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.342 | 212  | 7014     | 0.153  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.778 | 128  | 57110    | 1.000  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.395 | 142  | 22951    | 0.684  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.609 | 142  | 19042    | 0.568  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.290 | 152  | 77665    | 1.702  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.628 | 153  | 40111    | 1.041  | ng/ul  | 98       |
| 12) Fluorene                | 15.618 | 166  | 40671    | 0.989  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.357 | 178  | 1050958  | 18.260 | ng/ul  | 98       |
| 16) Anthracene              | 17.446 | 178  | 231763   | 4.792  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.375 | 202  | 2619641  | 43.117 | ng/ul# | 94       |
| 20) Pyrene                  | 19.737 | 202  | 2094075  | 32.149 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.485 | 228  | 1019864  | 21.080 | ng/ul  | 98       |
| 22) Chrysene                | 21.538 | 228  | 1015312  | 18.398 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 1715152  | 26.346 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.221 | 252  | 495689m  | 7.726  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 1028861  | 17.545 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 903473   | 11.063 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.427 | 278  | 213601   | 3.340  | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.195 | 276  | 834920   | 11.664 | ng/ul# | 93       |
| -----                       |        |      |          |        |        |          |

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

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