

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070523\  
 Data File : BM040672.D  
 Acq On : 06 Jul 2023 11:57  
 Operator : MA/JU  
 Sample : 03248-07  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGN5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023  
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 13:06:55 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 : Wed Jul 05 09:30:35 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.907  | 152  | 7558     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.712 | 136  | 28303    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.549 | 164  | 14392    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.299 | 188  | 26481    | 0.400 | ng/ul   | -0.01    |
| 17) Chrysene-d12            | 21.489 | 240  | 17341    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 18458    | 0.400 | ng/ul   | -0.01    |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.308  | 96   | 36959    | 3.113 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.301 | 152  | 9860     | 0.249 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.328 | 212  | 15626    | 0.281 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.762 | 128  | 3270     | 0.042 | ng/ul#  | 83       |
| 7) 2-Methylnaphthalene      | 12.378 | 142  | 2008     | 0.044 | ng/ul   | 94       |
| 8) 1-Methylnaphthalene      | 12.593 | 142  | 1538     | 0.034 | ng/ul   | 97       |
| 10) Acenaphthylene          | 14.272 | 152  | 3419     | 0.053 | ng/ul#  | 84       |
| 11) Acenaphthene            | 14.610 | 153  | 1465     | 0.027 | ng/ul   | 94       |
| 15) Phenanthrene            | 17.341 | 178  | 25522    | 0.310 | ng/ul   | 99       |
| 16) Anthracene              | 17.429 | 178  | 3774     | 0.055 | ng/ul#  | 87       |
| 19) Fluoranthene            | 19.356 | 202  | 72533    | 0.985 | ng/ul   | 99       |
| 20) Pyrene                  | 19.719 | 202  | 68662    | 0.869 | ng/ul#  | 93       |
| 21) Benzo(a)anthracene      | 21.471 | 228  | 37738    | 0.643 | ng/ul   | 97       |
| 22) Chrysene                | 21.524 | 228  | 41013    | 0.613 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 23.163 | 252  | 74159    | 1.038 | ng/ul   | 96       |
| 25) Benzo(k)fluoranthene    | 23.198 | 252  | 25778m   | 0.366 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.783 | 252  | 46485    | 0.722 | ng/ul#  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.377 | 276  | 44418    | 0.496 | ng/ul#  | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.387 | 278  | 10466    | 0.149 | ng/ul#  | 75       |
| 29) Benzo(g,h,i)perylene    | 27.148 | 276  | 38216    | 0.487 | ng/ul   | 99       |
| -----                       |        |      |          |       |         |          |

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

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