

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038278.D  
 Acq On : 24 Dec 2022 19:44  
 Operator : CG/JU  
 Sample : N6016-02  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYA7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022  
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:57:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 05:23:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.030  | 152  | 4021     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.840 | 136  | 11958    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.657 | 164  | 6859     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.396 | 188  | 12663    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.565 | 240  | 8897     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.012 | 264  | 8237     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.389  | 96   | 11733    | 2.869 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.423 | 152  | 3615     | 0.205 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.417 | 212  | 6826     | 0.204 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.889 | 128  | 2969     | 0.085 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.495 | 142  | 867      | 0.040 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.715 | 142  | 457      | 0.021 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.379 | 152  | 4898     | 0.129 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.717 | 153  | 807      | 0.030 | ng/ul  | 94       |
| 12) Fluorene                | 15.702 | 166  | 1835     | 0.063 | ng/ul# | 95       |
| 15) Phenanthrene            | 17.438 | 178  | 22034    | 0.520 | ng/ul  | 100      |
| 16) Anthracene              | 17.527 | 178  | 14892    | 0.366 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.445 | 202  | 47401    | 0.972 | ng/ul  | 99       |
| 20) Pyrene                  | 19.808 | 202  | 40206m   | 0.816 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.548 | 228  | 35317    | 0.905 | ng/ul  | 97       |
| 22) Chrysene                | 21.603 | 228  | 62457    | 1.644 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.263 | 252  | 61011    | 1.673 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.310 | 252  | 19150m   | 0.547 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.903 | 252  | 36393    | 1.144 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.565 | 276  | 28117    | 0.637 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.575 | 278  | 7735     | 0.226 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 27.357 | 276  | 25652    | 0.691 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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