

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046673.D  
 Acq On : 17 Jul 2024 16:59  
 Operator : MA/JU  
 Sample : P3100-08DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BW6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 18:05:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 08:57:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.497  | 152  | 3023     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.253 | 136  | 8344     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.140 | 164  | 5801     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.891 | 188  | 12928    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.100 | 240  | 10303    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.239 | 264  | 11187    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 1590     | 0.640 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.854 | 152  | 678      | 0.050 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.931 | 212  | 1641     | 0.052 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.303 | 128  | 989      | 0.047 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 11.925 | 142  | 522      | 0.035 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.151 | 142  | 435      | 0.029 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.858 | 152  | 2314     | 0.088 | ng/ul  | 94       |
| 11) Acenaphthene            | 14.200 | 153  | 2396     | 0.135 | ng/ul  | 99       |
| 12) Fluorene                | 15.195 | 166  | 5419     | 0.248 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.933 | 178  | 89202    | 2.418 | ng/ul  | 98       |
| 16) Anthracene              | 17.026 | 178  | 22391    | 0.622 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.964 | 202  | 153566   | 3.629 | ng/ul  | 99       |
| 20) Pyrene                  | 19.326 | 202  | 118159   | 2.579 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.085 | 228  | 65701    | 1.441 | ng/ul  | 100      |
| 22) Chrysene                | 21.138 | 228  | 54981    | 1.247 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.610 | 252  | 62545m   | 1.400 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.645 | 252  | 25217m   | 0.575 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.145 | 252  | 45134m   | 1.227 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.357 | 276  | 27445    | 0.490 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.367 | 278  | 7576     | 0.171 | ng/ul# | 76       |
| 29) Benzo(g,h,i)perylene    | 26.001 | 276  | 23820    | 0.533 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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