

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060724\  
 Data File : BM045938.D  
 Acq On : 09 Jun 2024 05:00  
 Operator : MA/JU  
 Sample : P2640-21DL 5X  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C25DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024  
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:32:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 22:59:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.464  | 152  | 6110     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.242 | 136  | 19450    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.112 | 164  | 10610    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.853 | 188  | 20899    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.041 | 240  | 17303    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.148 | 264  | 19211m   | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.063  | 96   | 4626     | 0.665 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.854 | 152  | 1085     | 0.039 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.880 | 212  | 2388     | 0.046 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.286 | 128  | 4250     | 0.084 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 11.931 | 142  | 1199     | 0.037 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.145 | 142  | 1051     | 0.030 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.830 | 152  | 2409     | 0.050 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.172 | 153  | 2952     | 0.083 | ng/ul  | 98       |
| 12) Fluorene                | 15.162 | 166  | 3513     | 0.089 | ng/ul  | 97       |
| 15) Phenanthrene            | 16.891 | 178  | 56795    | 0.968 | ng/ul  | 100      |
| 16) Anthracene              | 16.984 | 178  | 11722    | 0.234 | ng/ul# | 95       |
| 19) Fluoranthene            | 18.913 | 202  | 74234    | 1.076 | ng/ul  | 98       |
| 20) Pyrene                  | 19.275 | 202  | 63156    | 0.877 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.026 | 228  | 29611    | 0.466 | ng/ul  | 97       |
| 22) Chrysene                | 21.079 | 228  | 31328    | 0.453 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.528 | 252  | 38322m   | 0.601 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.563 | 252  | 14420m   | 0.206 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.054 | 252  | 26705    | 0.421 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.212 | 276  | 19797    | 0.242 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.219 | 278  | 4592     | 0.070 | ng/ul# | 65       |
| 29) Benzo(g,h,i)perylene    | 25.843 | 276  | 19488    | 0.276 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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