

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046326.D  
 Acq On : 26 Jun 2024 12:44  
 Operator : MA/JU  
 Sample : P2909-12DL 5X  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CP1DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024  
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 15:24:58 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 26 03:24:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.409  | 152  | 2121     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.209 | 136  | 5918     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.057 | 164  | 3571     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.802 | 188  | 6982     | 0.400 | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.000 | 240  | 5893     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.087 | 264  | 7109m    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96   | 1791     | 0.615 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.826 | 152  | 345      | 0.043 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.833 | 212  | 928      | 0.053 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.259 | 128  | 791      | 0.048 | ng/ul# | 48       |
| 7) 2-Methylnaphthalene      | 11.909 | 142  | 232      | 0.025 | ng/ul  | 88       |
| 8) 1-Methylnaphthalene      | 12.112 | 142  | 211      | 0.021 | ng/ul  | 90       |
| 10) Acenaphthylene          | 13.774 | 152  | 2070     | 0.122 | ng/ul# | 84       |
| 11) Acenaphthene            | 14.117 | 153  | 836      | 0.068 | ng/ul  | 94       |
| 12) Fluorene                | 15.121 | 166  | 999      | 0.076 | ng/ul# | 96       |
| 15) Phenanthrene            | 16.844 | 178  | 22231    | 1.133 | ng/ul  | 97       |
| 16) Anthracene              | 16.937 | 178  | 4744     | 0.325 | ng/ul  | 96       |
| 19) Fluoranthene            | 18.861 | 202  | 54367    | 2.131 | ng/ul  | 95       |
| 20) Pyrene                  | 19.224 | 202  | 38396    | 1.391 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 20.985 | 228  | 24489    | 1.076 | ng/ul  | 98       |
| 22) Chrysene                | 21.035 | 228  | 23922    | 0.823 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.475 | 252  | 36574m   | 1.428 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.508 | 252  | 16495m   | 0.542 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 22.999 | 252  | 13003    | 0.548 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.132 | 276  | 13577m   | 0.350 | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.132 | 278  | 4676m    | 0.162 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 25.752 | 276  | 2032     | 0.061 | ng/ul# | 61       |
| -----                       |        |      |          |       |        |          |

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

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