

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042524\  
 Data File : BM045583.D  
 Acq On : 26 Apr 2024 09:17  
 Operator : MA/JU  
 Sample : P2037-18DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1CY4DL

Quant Time: Apr 26 11:23:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:17:39 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024  
 Supervised By :mohammad ahmed 04/27/2024

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.547  | 152  | 942      | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.314 | 136  | 2487     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.196 | 164  | 1221     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.959 | 188  | 2309     | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.181 | 240  | 1889     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.365 | 264  | 3025     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.167  | 96   | 976      | 0.773 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.925 | 152  | 187      | 0.057 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.001 | 212  | 298      | 0.050 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.363 | 128  | 1224     | 0.183 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.997 | 142  | 525      | 0.138 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.217 | 142  | 359      | 0.084 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.913 | 152  | 356      | 0.059 | ng/ul# | 59       |
| 11) Acenaphthene            | 14.260 | 153  | 115      | 0.026 | ng/ul# | 88       |
| 15) Phenanthrene            | 17.001 | 178  | 4877     | 0.725 | ng/ul  | 97       |
| 16) Anthracene              | 17.094 | 178  | 541      | 0.086 | ng/ul# | 72       |
| 19) Fluoranthene            | 19.034 | 202  | 5537     | 0.635 | ng/ul# | 92       |
| 20) Pyrene                  | 19.396 | 202  | 4554     | 0.508 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.167 | 228  | 2882     | 0.477 | ng/ul  | 97       |
| 22) Chrysene                | 21.216 | 228  | 2879     | 0.310 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 5690     | 0.559 | ng/ul  | 86       |
| 25) Benzo(k)fluoranthene    | 22.753 | 252  | 2140m    | 0.166 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.268 | 252  | 4065     | 0.385 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.541 | 276  | 4033     | 0.263 | ng/ul  | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.551 | 278  | 940      | 0.077 | ng/ul# | 37       |
| 29) Benzo(g,h,i)perylene    | 26.212 | 276  | 4450     | 0.323 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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