

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051724\  
 Data File : BN031548.D  
 Acq On : 16 May 2024 13:42  
 Operator : MA/JU  
 Sample : P2321-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E0Y32

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024  
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 14:25:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN051624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 12:57:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.700  | 152  | 13473    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.481 | 136  | 44371    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.332 | 164  | 24496    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.075 | 188  | 58326    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.261 | 240  | 44995    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.494 | 264  | 30124m   | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.206  | 96   | 50611    | 3.118 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.070 | 152  | 12855    | 0.205 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.110 | 212  | 32336    | 0.259 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.530 | 128  | 223870   | 1.886 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.147 | 142  | 9822     | 0.131 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.367 | 142  | 31903    | 0.403 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.054 | 152  | 19125    | 0.172 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.396 | 153  | 80520    | 0.951 | ng/ul  | 99       |
| 12) Fluorene                | 15.386 | 166  | 85397    | 0.909 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.117 | 178  | 302067   | 1.770 | ng/ul  | 100      |
| 16) Anthracene              | 17.210 | 178  | 54898    | 0.381 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.138 | 202  | 396708   | 2.371 | ng/ul  | 99       |
| 20) Pyrene                  | 19.501 | 202  | 321890   | 1.944 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.243 | 228  | 126921   | 0.815 | ng/ul  | 95       |
| 22) Chrysene                | 21.296 | 228  | 127351   | 0.757 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.824 | 252  | 153677m  | 1.386 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.859 | 252  | 64115m   | 0.534 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.397 | 252  | 97773    | 1.006 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.750 | 276  | 67993    | 0.602 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.757 | 278  | 14478    | 0.162 | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 26.441 | 276  | 68054    | 0.749 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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