

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032408.D  
 Acq On : 02 Jul 2024 19:36  
 Operator : MA/JU  
 Sample : P2871-22  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B53

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024  
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.603  | 152  | 9164     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.376 | 136  | 29540    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.253 | 164  | 17549    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.008 | 188  | 41613    | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.211 | 240  | 20494    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.427 | 264  | 21897m   | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 31839    | 3.126 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.977 | 152  | 10075    | 0.227 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 18094    | 0.293 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.426 | 128  | 16385    | 0.210 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.054 | 142  | 6112     | 0.118 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.274 | 142  | 4843     | 0.090 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.971 | 152  | 17796    | 0.244 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.313 | 153  | 17160    | 0.303 | ng/ul  | 98       |
| 12) Fluorene                | 15.308 | 166  | 22029    | 0.326 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.050 | 178  | 383772   | 3.364 | ng/ul  | 99       |
| 16) Anthracene              | 17.138 | 178  | 73006    | 0.717 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.073 | 202  | 525586   | 6.735 | ng/ul  | 97       |
| 20) Pyrene                  | 19.440 | 202  | 364753   | 4.473 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.194 | 228  | 224700   | 3.038 | ng/ul  | 98       |
| 22) Chrysene                | 21.247 | 228  | 223592   | 2.754 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.763 | 252  | 311140m  | 3.271 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.801 | 252  | 100102m  | 1.083 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.327 | 252  | 114975   | 1.737 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.660 | 276  | 108141   | 1.043 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.663 | 278  | 37772    | 0.491 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.347 | 276  | 15971    | 0.193 | ng/ul# | 73       |
| -----                       |        |      |          |       |        |          |

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

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