

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032414.D  
 Acq On : 02 Jul 2024 23:12  
 Operator : MA/JU  
 Sample : P2871-23DL 5X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B54DL

Manual Integrations  
 APPROVED

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

Quant Time: Jul 02 23:57:00 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  | 8219     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.382 | 136  | 26733    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.248 | 164  | 15805    | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.003 | 188  | 32329    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.206 | 240  | 19536    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.421 | 264  | 22624    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 8326     | 0.911 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.977 | 152  | 2662     | 0.066 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.041 | 212  | 4876     | 0.083 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.426 | 128  | 20980    | 0.297 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.054 | 142  | 7442     | 0.159 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.274 | 142  | 6142     | 0.126 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.971 | 152  | 6126     | 0.093 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.313 | 153  | 24584    | 0.482 | ng/ul  | 99       |
| 12) Fluorene                | 15.308 | 166  | 35815    | 0.589 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.046 | 178  | 497444   | 5.612 | ng/ul  | 99       |
| 16) Anthracene              | 17.138 | 178  | 120756   | 1.527 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.073 | 202  | 534451   | 7.184 | ng/ul  | 100      |
| 20) Pyrene                  | 19.436 | 202  | 352319   | 4.532 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.191 | 228  | 193908   | 2.750 | ng/ul  | 99       |
| 22) Chrysene                | 21.244 | 228  | 169800   | 2.194 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.757 | 252  | 201107m  | 2.046 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.795 | 252  | 84832m   | 0.888 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.325 | 252  | 81593    | 1.193 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.656 | 276  | 64543    | 0.603 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.656 | 278  | 23821    | 0.299 | ng/ul# | 84       |
| 29) Benzo(g,h,i)perylene    | 26.340 | 276  | 8576     | 0.101 | ng/ul# | 73       |

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

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