

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082423\  
 Data File : BN027110.D  
 Acq On : 24 Aug 2023 22:55  
 Operator : MA/JU  
 Sample : 03968-33DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A48Q1DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:52:29 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 23 02:28:27 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.084  | 152  | 6175     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.911 | 136  | 19883    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.712 | 164  | 12130    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.460 | 188  | 26949    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.633 | 240  | 23465    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.164 | 264  | 25513    | 0.400 | ng/ul  | #-0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.431  | 96   | 6756     | 0.922 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.484 | 152  | 1432     | 0.049 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.478 | 212  | 3976     | 0.054 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 10) Acenaphthylene          | 14.444 | 152  | 3919     | 0.058 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.502 | 178  | 18745    | 0.212 | ng/ul  | 99       |
| 16) Anthracene              | 17.595 | 178  | 4289     | 0.054 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.506 | 202  | 54191    | 0.556 | ng/ul  | 97       |
| 20) Pyrene                  | 19.873 | 202  | 52378m   | 0.504 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.615 | 228  | 28225    | 0.302 | ng/ul  | 98       |
| 22) Chrysene                | 21.671 | 228  | 30027    | 0.326 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.378 | 252  | 45336m   | 0.470 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.424 | 252  | 15809m   | 0.166 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.053 | 252  | 30825    | 0.354 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.837 | 276  | 19898    | 0.175 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.861 | 278  | 4609     | 0.051 | ng/ul# | 61       |
| 29) Benzo(g,h,i)perylene    | 27.676 | 276  | 18632    | 0.196 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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