

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070324\  
 Data File : BN032478.D  
 Acq On : 04 Jul 2024 17:33  
 Operator : MA/JU  
 Sample : P2964-12  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CS6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024  
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:07:16 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 : Wed Jul 03 03:26:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.595  | 152  | 6922     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.371 | 136  | 19905    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.244 | 164  | 11076    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.999 | 188  | 23052m   | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.208 | 240  | 17684m   | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.427 | 264  | 24080m   | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 27105    | 3.523  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.971 | 152  | 6144     | 0.206  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.036 | 212  | 13469m   | 0.253  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.420 | 128  | 23892    | 0.454  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.042 | 142  | 7694     | 0.220  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.268 | 142  | 5936     | 0.164  | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.966 | 152  | 49495    | 1.074  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.304 | 153  | 20277    | 0.567  | ng/ul  | 98       |
| 12) Fluorene                | 15.298 | 166  | 25011    | 0.587  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.041 | 178  | 528782m  | 8.367  | ng/ul  |          |
| 16) Anthracene              | 17.134 | 178  | 107961m  | 1.915  | ng/ul  |          |
| 19) Fluoranthene            | 19.068 | 202  | 1190031m | 17.672 | ng/ul  |          |
| 20) Pyrene                  | 19.436 | 202  | 872613m  | 12.400 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.191 | 228  | 574530m  | 9.001  | ng/ul  |          |
| 22) Chrysene                | 21.243 | 228  | 668373m  | 9.541  | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.763 | 252  | 962003m  | 9.195  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.801 | 252  | 347779m  | 3.421  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.327 | 252  | 370784m  | 5.094  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.659 | 276  | 373342m  | 3.276  | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.663 | 278  | 128519m  | 1.518  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 26.350 | 276  | 58304m   | 0.642  | ng/ul  |          |
| -----                       |        |      |          |        |        |          |

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

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