

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
 Data File : BN029583.D  
 Acq On : 08 Feb 2024 18:23  
 Operator : MA/JU  
 Sample : P1303-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FH9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024  
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 23:58:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 02:17:13 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.888  | 152  | 6062     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.683 | 136  | 16431    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.526 | 164  | 7415     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.277 | 188  | 14379    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.476 | 240  | 10556    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.847 | 264  | 13153    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.332  | 96   | 36295    | 4.802 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.278 | 152  | 5632     | 0.269 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.309 | 212  | 9319     | 0.269 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.319 | 178  | 1437     | 0.032 | ng/ul# | 85       |
| 19) Fluoranthene            | 19.342 | 202  | 4451     | 0.092 | ng/ul# | 94       |
| 20) Pyrene                  | 19.704 | 202  | 4436m    | 0.089 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.462 | 228  | 1959     | 0.051 | ng/ul# | 92       |
| 22) Chrysene                | 21.514 | 228  | 1973     | 0.047 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.131 | 252  | 2720m    | 0.055 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.177 | 252  | 1319m    | 0.024 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.742 | 252  | 1657     | 0.036 | ng/ul# | 35       |
| 29) Benzo(g,h,i)perylene    | 27.054 | 276  | 1158     | 0.023 | ng/ul# | 67       |
| -----                       |        |      |          |       |        |          |

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

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