

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112624\  
 Data File : BN035309.D  
 Acq On : 26 Nov 2024 10:35  
 Operator : RC/JU  
 Sample : P4872-17  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E29Y4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024  
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 26 22:12:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN111624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 26 06:09:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.314  | 152  | 3337     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.058 | 136  | 8210     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 13.972 | 164  | 4570     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.734 | 188  | 8708m    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 20.979 | 240  | 7393     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.074 | 264  | 7319m    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.976  | 96   | 17156    | 5.625 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.664 | 152  | 3952     | 0.328 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.786 | 212  | 8896     | 0.436 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.108 | 128  | 511      | 0.025 | ng/ul# | 71       |
| 10) Acenaphthylene          | 13.685 | 152  | 3067     | 0.169 | ng/ul# | 93       |
| 12) Fluorene                | 15.036 | 166  | 908      | 0.056 | ng/ul# | 95       |
| 15) Phenanthrene            | 16.776 | 178  | 9136     | 0.397 | ng/ul  | 99       |
| 16) Anthracene              | 16.869 | 178  | 3334     | 0.156 | ng/ul# | 92       |
| 19) Fluoranthene            | 18.819 | 202  | 27841    | 1.082 | ng/ul# | 95       |
| 20) Pyrene                  | 19.186 | 202  | 24762m   | 0.924 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 20.964 | 228  | 13858    | 0.540 | ng/ul  | 93       |
| 22) Chrysene                | 21.014 | 228  | 13918    | 0.539 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.463 | 252  | 20379m   | 0.842 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.498 | 252  | 7507m    | 0.301 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 22.986 | 252  | 15400m   | 0.697 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.114 | 276  | 10873m   | 0.364 | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.124 | 278  | 2244m    | 0.096 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 25.735 | 276  | 11148m   | 0.474 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

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