

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121824\  
 Data File : BN035683.D  
 Acq On : 18 Dec 2024 23:30  
 Operator : RC/JU  
 Sample : P5258-07  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E28X1

Quant Time: Dec 19 01:54:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:26:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.276  | 152  | 2721     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.020 | 136  | 7419     | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 13.940 | 164  | 5239     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.709 | 188  | 10814    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 20.955 | 240  | 8953     | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.042 | 264  | 9183     | 0.400  | ng/ul  | -0.01    |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 2.951  | 96   | 9302     | 3.856  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.626 | 152  | 2432     | 0.230  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.763 | 212  | 5416     | 0.207  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.069 | 128  | 2494m    | 0.137  | ng/ul  |          |
| 7) 2-Methylnaphthalene      | 11.703 | 142  | 1762     | 0.144  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 11.928 | 142  | 1474     | 0.116  | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.653 | 152  | 5880     | 0.290  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.004 | 153  | 7212     | 0.470  | ng/ul  | 99       |
| 12) Fluorene                | 15.008 | 166  | 8193     | 0.459  | ng/ul  | 99       |
| 15) Phenanthrene            | 16.751 | 178  | 170214   | 6.289  | ng/ul  | 98       |
| 16) Anthracene              | 16.840 | 178  | 36772    | 1.453  | ng/ul  | 99       |
| 19) Fluoranthene            | 18.791 | 202  | 362457   | 11.320 | ng/ul  | 99       |
| 20) Pyrene                  | 19.158 | 202  | 258459   | 7.327  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 20.941 | 228  | 160269   | 5.397  | ng/ul  | 100      |
| 22) Chrysene                | 20.993 | 228  | 151081   | 4.904  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.434 | 252  | 200921m  | 7.425  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.472 | 252  | 69799m   | 2.332  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.086 | 252  | 11737m   | 0.448  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.067 | 276  | 72515    | 2.273  | ng/ul# | 72       |
| 28) Dibenzo(a,h)anthracene  | 25.074 | 278  | 22536m   | 0.925  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 25.678 | 276  | 10495    | 0.410  | ng/ul  | 96       |
| -----                       |        |      |          |        |        |          |

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

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