

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110924\  
 Data File : BN034976.D  
 Acq On : 10 Nov 2024 12:44  
 Operator : RC/JU  
 Sample : PB164812BS  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS812

Quant Time: Nov 10 21:52:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 09 00:09:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.567  | 152  | 3119     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.328 | 136  | 7416     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.203 | 164  | 5355     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.950 | 188  | 12267    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.143 | 240  | 11092    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.305 | 264  | 11593    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.149  | 96   | 2075     | 0.699 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.928 | 152  | 4836     | 0.426 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.981 | 212  | 12807    | 0.450 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.183  | 88   | 5660     | 1.740 | ng/ul# | 92       |
| 5) Naphthalene              | 10.378 | 128  | 7082     | 0.382 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.000 | 142  | 5111     | 0.369 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.220 | 142  | 5908     | 0.425 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.917 | 152  | 7955     | 0.364 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.264 | 153  | 6092     | 0.367 | ng/ul  | 99       |
| 12) Fluorene                | 15.254 | 166  | 7323     | 0.347 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.603 | 266  | 2039     | 0.719 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.988 | 178  | 12181    | 0.372 | ng/ul  | 99       |
| 16) Anthracene              | 17.080 | 178  | 11156    | 0.362 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.009 | 202  | 14830    | 0.400 | ng/ul# | 97       |
| 20) Pyrene                  | 19.372 | 202  | 15068    | 0.392 | ng/ul# | 96       |
| 21) Benzo(a)anthracene      | 21.125 | 228  | 14727    | 0.367 | ng/ul  | 100      |
| 22) Chrysene                | 21.178 | 228  | 15273    | 0.373 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.662 | 252  | 15050    | 0.369 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.706 | 252  | 15897    | 0.373 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.212 | 252  | 13582    | 0.373 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.457 | 276  | 18320    | 0.411 | ng/ul  | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.473 | 278  | 14407    | 0.415 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.111 | 276  | 14213    | 0.418 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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