

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
 Data File : BN033975.D  
 Acq On : 16 Sep 2024 06:15  
 Operator : JU/RC  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4308

Quant Time: Sep 16 06:42:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 01:52:43 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.477  | 152  | 5169     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.233 | 136  | 14390    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.124 | 164  | 7226     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.877 | 188  | 15054    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.092 | 240  | 12738    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.234 | 264  | 14431    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.097  | 96   | 2287     | 0.430 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.834 | 152  | 7961     | 0.386 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.920 | 212  | 15187    | 0.400 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.131  | 88   | 2533     | 0.430 | ng/ul# | 86       |
| 5) Naphthalene              | 10.283 | 128  | 15085    | 0.392 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.911 | 142  | 9352     | 0.384 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.136 | 142  | 9769     | 0.390 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.837 | 152  | 12544    | 0.382 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.184 | 153  | 9734     | 0.411 | ng/ul  | 99       |
| 12) Fluorene                | 15.183 | 166  | 10868    | 0.411 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.539 | 266  | 806      | 0.170 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.919 | 178  | 17011    | 0.383 | ng/ul  | 100      |
| 16) Anthracene              | 17.012 | 178  | 14611    | 0.366 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.948 | 202  | 19262    | 0.383 | ng/ul  | 99       |
| 20) Pyrene                  | 19.315 | 202  | 20256    | 0.380 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.077 | 228  | 17852    | 0.356 | ng/ul  | 99       |
| 22) Chrysene                | 21.130 | 228  | 20520    | 0.405 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.599 | 252  | 19958    | 0.356 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.640 | 252  | 22613    | 0.404 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.140 | 252  | 17019    | 0.378 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.348 | 276  | 26589    | 0.393 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.361 | 278  | 20471    | 0.390 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 25.988 | 276  | 21252    | 0.403 | ng/ul  | 98       |

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

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