

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013125\  
 Data File : BN036203.D  
 Acq On : 01 Feb 2025 12:53  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4395

Quant Time: Feb 03 12:05:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 21 23:52:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 2758     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.583 | 136  | 7240     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.431 | 164  | 4424     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.178 | 188  | 9581     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.366 | 240  | 9465     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.660 | 264  | 8664     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.259  | 96   | 961      | 0.318 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.178 | 152  | 4080     | 0.446 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.206 | 212  | 10049    | 0.386 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.297  | 88   | 1087     | 0.337 | ng/ul  | 94       |
| 5) Naphthalene              | 10.633 | 128  | 7918     | 0.397 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.249 | 142  | 5153     | 0.416 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.469 | 142  | 5273     | 0.419 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.154 | 152  | 7637     | 0.366 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.496 | 153  | 5909     | 0.385 | ng/ul  | 97       |
| 12) Fluorene                | 15.481 | 166  | 6490     | 0.383 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.836 | 266  | 1148     | 0.342 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.221 | 178  | 10643    | 0.379 | ng/ul  | 99       |
| 16) Anthracene              | 17.309 | 178  | 9703     | 0.372 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.238 | 202  | 12889    | 0.358 | ng/ul  | 98       |
| 20) Pyrene                  | 19.601 | 202  | 13723    | 0.365 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.348 | 228  | 12530    | 0.371 | ng/ul  | 99       |
| 22) Chrysene                | 21.401 | 228  | 12527    | 0.363 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.964 | 252  | 11184    | 0.387 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.011 | 252  | 11510    | 0.379 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.555 | 252  | 10045    | 0.385 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.994 | 276  | 11007    | 0.319 | ng/ul  | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.008 | 278  | 8685     | 0.326 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 26.702 | 276  | 8453     | 0.315 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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