

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013125\  
 Data File : BN036187.D  
 Acq On : 01 Feb 2025 03:16  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4394

Quant Time: Feb 03 08:53:41 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   | 7.795  | 152  | 2313     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.587 | 136  | 5713     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.436 | 164  | 3541     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.183 | 188  | 8024     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.365 | 240  | 8129     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.660 | 264  | 8449     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.259  | 96   | 878      | 0.347 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.182 | 152  | 3357     | 0.465 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.210 | 212  | 8887     | 0.398 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.297  | 88   | 1048     | 0.388 | ng/ul  | 99       |
| 5) Naphthalene              | 10.637 | 128  | 6203     | 0.394 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.254 | 142  | 3984     | 0.408 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.474 | 142  | 4156     | 0.419 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.153 | 152  | 6283     | 0.376 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.496 | 153  | 4593     | 0.374 | ng/ul  | 97       |
| 12) Fluorene                | 15.486 | 166  | 5413     | 0.399 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.845 | 266  | 924      | 0.329 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.221 | 178  | 9068     | 0.386 | ng/ul  | 99       |
| 16) Anthracene              | 17.314 | 178  | 8181     | 0.375 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.243 | 202  | 11144    | 0.361 | ng/ul  | 100      |
| 20) Pyrene                  | 19.605 | 202  | 11738    | 0.364 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.351 | 228  | 11406    | 0.393 | ng/ul  | 99       |
| 22) Chrysene                | 21.403 | 228  | 11644    | 0.393 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.967 | 252  | 11605    | 0.412 | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 23.014 | 252  | 11479    | 0.387 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.560 | 252  | 9532     | 0.374 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.994 | 276  | 11743    | 0.349 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.014 | 278  | 9205     | 0.355 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.709 | 276  | 9076     | 0.347 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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