

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100225\  
 Data File : BN037989.D  
 Acq On : 02 Oct 2025 16:23  
 Operator : RC/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4272

Quant Time: Oct 02 17:39:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 09:41:10 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 8750     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.612 | 136  | 25096    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.465 | 164  | 13499    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.214 | 188  | 26313    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.395 | 240  | 20590    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.716 | 264  | 16984    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.256  | 96   | 3967     | 0.427 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.206 | 152  | 14092    | 0.398 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.240 | 212  | 26000    | 0.418 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.290  | 88   | 3956     | 0.409 | ng/ul# | 87       |
| 5) Naphthalene              | 10.661 | 128  | 27858    | 0.409 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.278 | 142  | 18414    | 0.404 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 19847    | 0.414 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.183 | 152  | 26093    | 0.406 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.526 | 153  | 19455    | 0.414 | ng/ul  | 99       |
| 12) Fluorene                | 15.516 | 166  | 22096    | 0.410 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.864 | 266  | 2163     | 0.319 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.252 | 178  | 35163    | 0.412 | ng/ul  | 100      |
| 16) Anthracene              | 17.345 | 178  | 30321    | 0.404 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.273 | 202  | 36619    | 0.424 | ng/ul  | 99       |
| 20) Pyrene                  | 19.635 | 202  | 35622    | 0.418 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.380 | 228  | 30017    | 0.402 | ng/ul  | 100      |
| 22) Chrysene                | 21.430 | 228  | 32900    | 0.417 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.014 | 252  | 31461    | 0.425 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.058 | 252  | 30688    | 0.416 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.613 | 252  | 25077    | 0.410 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.082 | 276  | 30904    | 0.420 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.102 | 278  | 23823    | 0.417 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.806 | 276  | 25066    | 0.412 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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