

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100125\  
 Data File : BN037977.D  
 Acq On : 01 Oct 2025 14:13  
 Operator : RC/JU  
 Sample : SSTD0.286  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.2219

Quant Time: Oct 02 09:30:40 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 09:28:18 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 8720     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.612 | 136  | 25480    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.466 | 164  | 13577    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.214 | 188  | 27409    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.395 | 240  | 22480    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.716 | 264  | 19644    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.256  | 96   | 1844     | 0.226 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.206 | 152  | 6961     | 0.168 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.240 | 212  | 13634    | 0.193 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.290  | 88   | 1904     | 0.184 | ng/ul# | 88       |
| 5) Naphthalene              | 10.661 | 128  | 13913    | 0.207 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.278 | 142  | 8880     | 0.184 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.503 | 142  | 9426     | 0.190 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.183 | 152  | 12813    | 0.207 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.530 | 153  | 9472     | 0.214 | ng/ul  | 99       |
| 12) Fluorene                | 15.516 | 166  | 10712    | 0.202 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.864 | 266  | 1364     | 0.142 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.256 | 178  | 17649    | 0.217 | ng/ul  | 99       |
| 16) Anthracene              | 17.345 | 178  | 15321    | 0.208 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.273 | 202  | 18606    | 0.207 | ng/ul  | 99       |
| 20) Pyrene                  | 19.635 | 202  | 18740    | 0.206 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.381 | 228  | 16156    | 0.210 | ng/ul  | 99       |
| 22) Chrysene                | 21.433 | 228  | 17273    | 0.183 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.014 | 252  | 16338    | 0.228 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.061 | 252  | 16330    | 0.200 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.614 | 252  | 14017    | 0.202 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.082 | 276  | 16243    | 0.192 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.102 | 278  | 12548    | 0.193 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.806 | 276  | 13538    | 0.187 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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