

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032625\  
 Data File : BN036727.D  
 Acq On : 26 Mar 2025 13:56  
 Operator : RC/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4266

Quant Time: Mar 26 14:19:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN032425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 24 17:31:03 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 1759     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.485 | 136  | 4292     | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.345 | 164  | 2550     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.092 | 188  | 5144     | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.284 | 240  | 4201     | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.529 | 264  | 4142     | 0.400 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 892      | 0.421 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.086 | 152  | 2395     | 0.397 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.124 | 212  | 5609     | 0.407 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.222  | 88   | 923      | 0.401 | ng/u1  | 95       |
| 5) Naphthalene              | 10.535 | 128  | 5188     | 0.402 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.157 | 142  | 3228     | 0.400 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.377 | 142  | 3482     | 0.395 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.063 | 152  | 4933     | 0.396 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.405 | 153  | 4032     | 0.405 | ng/u1  | 99       |
| 12) Fluorene                | 15.400 | 166  | 4422     | 0.397 | ng/u1  | 99       |
| 14) Pentachlorophenol       | 16.750 | 266  | 667      | 0.389 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.134 | 178  | 7059     | 0.401 | ng/u1  | 99       |
| 16) Anthracene              | 17.231 | 178  | 5808     | 0.387 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.157 | 202  | 7945     | 0.408 | ng/u1  | 100      |
| 20) Pyrene                  | 19.519 | 202  | 8260     | 0.407 | ng/u1  | 99       |
| 21) Benzo(a)anthracene      | 21.270 | 228  | 6261     | 0.393 | ng/u1  | 99       |
| 22) Chrysene                | 21.322 | 228  | 7588     | 0.414 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 22.856 | 252  | 6632     | 0.402 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 22.897 | 252  | 7193     | 0.389 | ng/u1  | 98       |
| 26) Benzo(a)pyrene          | 23.435 | 252  | 6174     | 0.408 | ng/u1  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.800 | 276  | 6783     | 0.400 | ng/u1  | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.824 | 278  | 5013     | 0.390 | ng/u1  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.498 | 276  | 5729     | 0.409 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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