

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020325\  
 Data File : BN036232.D  
 Acq On : 03 Feb 2025 17:01  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4398

Quant Time: Feb 04 07:37:18 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 : Mon Feb 03 12:27:24 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 2798     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.577 | 136  | 6533     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.431 | 164  | 3590     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.179 | 188  | 6947     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.368 | 240  | 6043     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.663 | 264  | 6373     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.260  | 96   | 1167     | 0.381 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.172 | 152  | 3495     | 0.424 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.206 | 212  | 6632     | 0.399 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.294  | 88   | 1234     | 0.377 | ng/ul  | 90       |
| 5) Naphthalene              | 10.627 | 128  | 7133     | 0.396 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.249 | 142  | 4478     | 0.401 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.469 | 142  | 4546     | 0.401 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.149 | 152  | 6110     | 0.361 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.491 | 153  | 4767     | 0.383 | ng/ul  | 97       |
| 12) Fluorene                | 15.481 | 166  | 5089     | 0.370 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.832 | 266  | 767      | 0.315 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.217 | 178  | 7702     | 0.379 | ng/ul  | 100      |
| 16) Anthracene              | 17.309 | 178  | 6920     | 0.366 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.238 | 202  | 8489     | 0.370 | ng/ul  | 97       |
| 20) Pyrene                  | 19.601 | 202  | 8899     | 0.371 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.351 | 228  | 7906     | 0.367 | ng/ul  | 99       |
| 22) Chrysene                | 21.404 | 228  | 8070     | 0.366 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.970 | 252  | 7819     | 0.368 | ng/ul  | 86       |
| 25) Benzo(k)fluoranthene    | 23.017 | 252  | 7923     | 0.354 | ng/ul# | 86       |
| 26) Benzo(a)pyrene          | 23.564 | 252  | 7269     | 0.378 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.998 | 276  | 9250     | 0.364 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.011 | 278  | 7273     | 0.371 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 26.709 | 276  | 7258     | 0.368 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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