

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103124\  
 Data File : BN034800.D  
 Acq On : 01 Nov 2024 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4323

Quant Time: Nov 03 23:26:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 31 11:13:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.600  | 152  | 7127     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.366 | 136  | 21371    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.231 | 164  | 11623    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.979 | 188  | 24500    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.169 | 240  | 18202    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.349 | 264  | 15663    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.170  | 96   | 2947     | 0.399 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.961 | 152  | 10815    | 0.404 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.009 | 212  | 21644    | 0.365 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.203  | 88   | 3278     | 0.405 | ng/ul# | 88       |
| 5) Naphthalene              | 10.416 | 128  | 23098    | 0.408 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.033 | 142  | 14911    | 0.405 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.253 | 142  | 15217    | 0.406 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.949 | 152  | 21189    | 0.400 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.296 | 153  | 16548    | 0.409 | ng/ul  | 99       |
| 12) Fluorene                | 15.286 | 166  | 18325    | 0.406 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.629 | 266  | 1658     | 0.343 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.017 | 178  | 30272    | 0.409 | ng/ul  | 100      |
| 16) Anthracene              | 17.110 | 178  | 27462    | 0.400 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.037 | 202  | 32988    | 0.374 | ng/ul  | 98       |
| 20) Pyrene                  | 19.400 | 202  | 35060    | 0.381 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.154 | 228  | 28753    | 0.395 | ng/ul  | 99       |
| 22) Chrysene                | 21.204 | 228  | 29345    | 0.402 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.700 | 252  | 26656    | 0.418 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.744 | 252  | 26851    | 0.418 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.252 | 252  | 22173    | 0.404 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.523 | 276  | 23527    | 0.403 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.540 | 278  | 18136    | 0.410 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.177 | 276  | 18192    | 0.396 | ng/ul  | 99       |

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

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