

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112822\  
 Data File : BN022909.D  
 Acq On : 28 Nov 2022 08:44  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4343

Quant Time: Nov 29 01:09:29 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN112622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 28 03:16:56 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.066  | 152  | 9247     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.887 | 136  | 25738    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.706 | 164  | 13622    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.449 | 188  | 28707    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.636 | 240  | 19695    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.124 | 264  | 13916    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.412  | 96   | 4566     | 0.411 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.471 | 152  | 16643    | 0.424 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.476 | 212  | 30232    | 0.415 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.446  | 88   | 4651     | 0.402 | ng/ul  | 97       |
| 5) Naphthalene              | 10.936 | 128  | 32623    | 0.418 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.542 | 142  | 20268    | 0.415 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.762 | 142  | 20693    | 0.417 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.428 | 152  | 26148    | 0.389 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.766 | 153  | 21775    | 0.410 | ng/ul  | 97       |
| 12) Fluorene                | 15.751 | 166  | 24425    | 0.406 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.095 | 266  | 2057     | 0.343 | ng/ul# | 100      |
| 15) Phenanthrene            | 17.492 | 178  | 40372    | 0.410 | ng/ul  | 99       |
| 16) Anthracene              | 17.584 | 178  | 35235    | 0.417 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.504 | 202  | 41304    | 0.406 | ng/ul  | 100      |
| 20) Pyrene                  | 19.866 | 202  | 40274    | 0.404 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.619 | 228  | 30965    | 0.411 | ng/ul  | 100      |
| 22) Chrysene                | 21.674 | 228  | 33551    | 0.406 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.361 | 252  | 29305    | 0.416 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.411 | 252  | 30012    | 0.403 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 24.013 | 252  | 21336    | 0.397 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.735 | 276  | 26156    | 0.410 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.762 | 278  | 21283    | 0.420 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.533 | 276  | 22370    | 0.402 | ng/ul  | 99       |

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

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