

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062422\  
 Data File : BN020461.D  
 Acq On : 26 Jun 2022 07:22  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 79 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4382

Quant Time: Jun 27 03:44:47 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:17:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.750  | 152  | 2573     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.528 | 136  | 8900     | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.376 | 164  | 5777     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.119 | 188  | 12690    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.309 | 240  | 11661    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.589 | 264  | 9951     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.206  | 96   | 1204     | 0.404 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.128 | 152  | 5657     | 0.387 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.149 | 212  | 13730    | 0.357 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.239  | 88   | 1195     | 0.393 | ng/u1# | 87       |
| 5) Naphthalene              | 10.578 | 128  | 9434     | 0.343 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.200 | 142  | 6304     | 0.343 | ng/u1  | 99       |
| 8) 1-Methylnaphthalene      | 12.414 | 142  | 6760     | 0.388 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.093 | 152  | 9472     | 0.346 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.436 | 153  | 7505     | 0.342 | ng/u1  | 100      |
| 12) Fluorene                | 15.426 | 166  | 8651     | 0.333 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.785 | 266  | 306      | 0.120 | ng/u1  | 96       |
| 15) Phenanthrene            | 17.157 | 178  | 14800    | 0.335 | ng/u1  | 99       |
| 16) Anthracene              | 17.250 | 178  | 12925    | 0.339 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.177 | 202  | 16791    | 0.315 | ng/u1  | 100      |
| 20) Pyrene                  | 19.539 | 202  | 18170    | 0.329 | ng/u1  | 98       |
| 21) Benzo(a)anthracene      | 21.292 | 228  | 14097    | 0.337 | ng/u1  | 99       |
| 22) Chrysene                | 21.344 | 228  | 15812    | 0.339 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 22.899 | 252  | 15117    | 0.328 | ng/u1  | 99       |
| 25) Benzo(k)fluoranthene    | 22.946 | 252  | 14977    | 0.322 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.490 | 252  | 13982    | 0.334 | ng/u1  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.923 | 276  | 14355    | 0.345 | ng/u1# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.940 | 278  | 11587    | 0.345 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.641 | 276  | 12373    | 0.346 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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