

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062022\  
 Data File : BN020287.D  
 Acq On : 20 Jun 2022 20:18  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4372

Quant Time: Jun 21 02:38:45 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:13:51 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 713      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.584 | 136  | 2755     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.423 | 164  | 2326     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.166 | 188  | 6253     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.349 | 240  | 8515     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.661 | 264  | 9569     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.265  | 96   | 309      | 0.380 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.179 | 152  | 1833     | 0.402 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.193 | 212  | 8342     | 0.475 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.290  | 88   | 307      | 0.392 | ng/ul# | 82       |
| 5) Naphthalene              | 10.634 | 128  | 3158     | 0.358 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.251 | 142  | 2154     | 0.378 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.465 | 142  | 2318     | 0.413 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.146 | 152  | 4066     | 0.365 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.483 | 153  | 3270     | 0.307 | ng/ul  | 98       |
| 12) Fluorene                | 15.473 | 166  | 4084     | 0.371 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.833 | 266  | 472      | 0.393 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.204 | 178  | 7929     | 0.350 | ng/ul  | 99       |
| 16) Anthracene              | 17.302 | 178  | 6768     | 0.353 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.220 | 202  | 10656    | 0.310 | ng/ul  | 97       |
| 20) Pyrene                  | 19.583 | 202  | 11474    | 0.308 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.334 | 228  | 10798    | 0.327 | ng/ul  | 100      |
| 22) Chrysene                | 21.384 | 228  | 12549    | 0.305 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.959 | 252  | 14597    | 0.214 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.006 | 252  | 14933    | 0.235 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.559 | 252  | 14571    | 0.337 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.029 | 276  | 19672    | 0.279 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.045 | 278  | 15884    | 0.283 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.753 | 276  | 17680    | 0.284 | ng/ul  | 99       |

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

