

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083021\  
 Data File : BN016111.D  
 Acq On : 30 Aug 2021 14:11  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4263

Quant Time: Aug 30 19:07:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN083021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 30 19:06:19 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 1316     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.661 | 136  | 5507     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.498 | 164  | 3278     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.243 | 188  | 6904     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.438 | 240  | 7157     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.826 | 264  | 6982     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.315  | 96   | 776      | 0.432 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.250 | 152  | 3462     | 0.412 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.272 | 212  | 7870     | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.344  | 88   | 720      | 0.387 | ng/ul# | 84       |
| 5) Naphthalene              | 10.710 | 128  | 6069     | 0.430 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.322 | 142  | 4099     | 0.428 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.542 | 142  | 3794     | 0.405 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.215 | 152  | 5227     | 0.432 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.558 | 153  | 4228     | 0.430 | ng/ul  | 96       |
| 12) Fluorene                | 15.548 | 166  | 4872     | 0.426 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.892 | 266  | 1024     | 0.549 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.285 | 178  | 7908     | 0.416 | ng/ul  | 99       |
| 16) Anthracene              | 17.374 | 178  | 7347     | 0.438 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.304 | 202  | 9440     | 0.431 | ng/ul  | 99       |
| 20) Pyrene                  | 19.667 | 202  | 9688     | 0.438 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.421 | 228  | 9835     | 0.436 | ng/ul  | 99       |
| 22) Chrysene                | 21.473 | 228  | 10032    | 0.426 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.098 | 252  | 10516    | 0.420 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.145 | 252  | 10537    | 0.425 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.721 | 252  | 9253     | 0.424 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.292 | 276  | 11875    | 0.415 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.316 | 278  | 10018    | 0.419 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.047 | 276  | 10156    | 0.418 | ng/ul  | 99       |

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

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