

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082621\  
 Data File : BN016098.D  
 Acq On : 27 Aug 2021 09:47  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4261

Quant Time: Aug 27 10:25:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN082621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 26 11:35:43 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.867  | 152  | 1346     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.666 | 136  | 6061     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.501 | 164  | 3767     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.246 | 188  | 7886     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.433 | 240  | 7915     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.821 | 264  | 7370     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 717      | 0.393 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.250 | 152  | 3794     | 0.416 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.276 | 212  | 8700     | 0.408 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.352  | 88   | 713      | 0.387 | ng/ul  | 98       |
| 5) Naphthalene              | 10.710 | 128  | 6658     | 0.425 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.327 | 142  | 4603     | 0.435 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.541 | 142  | 4285     | 0.413 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.219 | 152  | 6154     | 0.463 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.561 | 153  | 4877     | 0.425 | ng/ul  | 99       |
| 12) Fluorene                | 15.547 | 166  | 5547     | 0.408 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.896 | 266  | 735      | 0.445 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.284 | 178  | 9017     | 0.414 | ng/ul  | 99       |
| 16) Anthracene              | 17.377 | 178  | 8284     | 0.441 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.303 | 202  | 10534    | 0.426 | ng/ul  | 99       |
| 20) Pyrene                  | 19.666 | 202  | 10720    | 0.431 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.415 | 228  | 10750    | 0.436 | ng/ul  | 99       |
| 22) Chrysene                | 21.468 | 228  | 11016    | 0.415 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.093 | 252  | 11024    | 0.401 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.140 | 252  | 10847    | 0.391 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.716 | 252  | 9688     | 0.419 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.286 | 276  | 12142    | 0.397 | ng/ul# | 58       |
| 28) Dibenzo(a,h)anthracene  | 26.306 | 278  | 10103    | 0.392 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.044 | 276  | 10310    | 0.391 | ng/ul  | 98       |

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

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