

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041822\  
 Data File : BN019472.D  
 Acq On : 18 Apr 2022 11:10  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4343

Quant Time: Apr 18 15:04:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN041822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 18 15:02:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.818  | 152  | 4199     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.618 | 136  | 13074    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.457 | 164  | 7368     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.201 | 188  | 12006    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.392 | 240  | 6760     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.742 | 264  | 4377     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.173  | 96   | 2347     | 0.434 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.219 | 152  | 7466     | 0.404 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.231 | 212  | 12963    | 0.518 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.207  | 88   | 2172     | 0.417 | ng/ul# | 83       |
| 5) Naphthalene              | 10.668 | 128  | 15791    | 0.424 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.290 | 142  | 9788     | 0.404 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.505 | 142  | 10528    | 0.414 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.179 | 152  | 11177    | 0.418 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.521 | 153  | 11259    | 0.422 | ng/ul  | 99       |
| 12) Fluorene                | 15.512 | 166  | 11475    | 0.386 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.872 | 266  | 788      | 0.409 | ng/ul  | 89       |
| 15) Phenanthrene            | 17.244 | 178  | 17270    | 0.433 | ng/ul  | 99       |
| 16) Anthracene              | 17.341 | 178  | 12005    | 0.392 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.263 | 202  | 17545    | 0.522 | ng/ul  | 99       |
| 20) Pyrene                  | 19.626 | 202  | 18744    | 0.524 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.380 | 228  | 7431     | 0.357 | ng/ul  | 99       |
| 22) Chrysene                | 21.427 | 228  | 10403    | 0.382 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.029 | 252  | 8764     | 0.433 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.073 | 252  | 9627     | 0.411 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.643 | 252  | 7106     | 0.411 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.172 | 276  | 7486     | 0.389 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.196 | 278  | 4844     | 0.354 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.907 | 276  | 8738     | 0.470 | ng/ul  | 97       |

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

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