

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040623\  
 Data File : BN024784.D  
 Acq On : 06 Apr 2023 17:26  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4260

Quant Time: Apr 06 23:06:41 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 06 22:57:45 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 6962     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.770 | 136  | 20982    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.598 | 164  | 11666    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.343 | 188  | 25455    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.532 | 240  | 22889    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.984 | 264  | 22151    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96   | 2573     | 0.360 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.354 | 152  | 9328     | 0.360 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.368 | 212  | 19195    | 0.343 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.356  | 88   | 2853     | 0.379 | ng/ul  | 94       |
| 5) Naphthalene              | 10.820 | 128  | 18235    | 0.354 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.425 | 142  | 11447    | 0.357 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.645 | 142  | 11959    | 0.356 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.316 | 152  | 14559    | 0.353 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.658 | 153  | 12846    | 0.359 | ng/ul  | 98       |
| 12) Fluorene                | 15.643 | 166  | 14291    | 0.350 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.996 | 266  | 3682     | 0.669 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.385 | 178  | 23973    | 0.343 | ng/ul  | 100      |
| 16) Anthracene              | 17.478 | 178  | 19770    | 0.339 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.400 | 202  | 26534    | 0.329 | ng/ul  | 99       |
| 20) Pyrene                  | 19.763 | 202  | 27584    | 0.336 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.514 | 228  | 25059    | 0.364 | ng/ul  | 99       |
| 22) Chrysene                | 21.570 | 228  | 27324    | 0.361 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.233 | 252  | 30678    | 0.333 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.280 | 252  | 29311    | 0.331 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.873 | 252  | 26103    | 0.361 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.521 | 276  | 33549    | 0.389 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.534 | 278  | 26225    | 0.380 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.305 | 276  | 27037    | 0.365 | ng/ul  | 99       |

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

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