

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102122\  
 Data File : BN022287.D  
 Acq On : 22 Oct 2022 11:53  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4323

Quant Time: Oct 22 12:25:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 22 03:40:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.944  | 152  | 4296     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.771 | 136  | 14486    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.617 | 164  | 7957     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.373 | 188  | 14618    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 7996     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.032 | 264  | 6557     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.253  | 96   | 1988     | 0.356 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.371 | 152  | 8683     | 0.396 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.411 | 212  | 12709    | 0.473 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.291  | 88   | 2093     | 0.365 | ng/ul  | 91       |
| 5) Naphthalene              | 10.820 | 128  | 16603    | 0.388 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.443 | 142  | 10633    | 0.394 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.663 | 142  | 10923    | 0.394 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.340 | 152  | 14299    | 0.400 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.682 | 153  | 11602    | 0.385 | ng/ul  | 99       |
| 12) Fluorene                | 15.667 | 166  | 12532    | 0.358 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.027 | 266  | 1098     | 0.316 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.415 | 178  | 18821    | 0.384 | ng/ul  | 99       |
| 16) Anthracene              | 17.508 | 178  | 15819    | 0.383 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.439 | 202  | 17201    | 0.470 | ng/ul  | 100      |
| 20) Pyrene                  | 19.801 | 202  | 16772    | 0.456 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 11737    | 0.392 | ng/ul  | 99       |
| 22) Chrysene                | 21.612 | 228  | 12326    | 0.388 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.278 | 252  | 12085    | 0.367 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.327 | 252  | 11716    | 0.366 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.921 | 252  | 10454    | 0.398 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.612 | 276  | 13704    | 0.420 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.632 | 278  | 10733    | 0.412 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.414 | 276  | 11079    | 0.417 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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