

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122122\  
 Data File : BN023308.D  
 Acq On : 21 Dec 2022 10:47  
 Operator : CG/JU  
 Sample : SST0.460  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.4218

Quant Time: Dec 21 11:39:48 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 11:38:20 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.998  | 152  | 6968     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.815 | 136  | 22195    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.646 | 164  | 12638    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.391 | 188  | 27529    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.579 | 240  | 18888    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.025 | 264  | 13412    | 0.400 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.349  | 96   | 3058     | 0.366 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.404 | 152  | 13657    | 0.404 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.421 | 212  | 28390    | 0.407 | ng/u1  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.382  | 88   | 3136     | 0.360 | ng/u1  | 100      |
| 5) Naphthalene              | 10.865 | 128  | 25719    | 0.382 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.476 | 142  | 16446    | 0.391 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.696 | 142  | 17075    | 0.399 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.368 | 152  | 21959    | 0.352 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.706 | 153  | 18812    | 0.381 | ng/u1  | 100      |
| 12) Fluorene                | 15.692 | 166  | 21174    | 0.379 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.041 | 266  | 2892     | 0.502 | ng/u1  | 100      |
| 15) Phenanthrene            | 17.433 | 178  | 35062    | 0.371 | ng/u1  | 100      |
| 16) Anthracene              | 17.526 | 178  | 28834    | 0.356 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.449 | 202  | 39749    | 0.407 | ng/u1  | 100      |
| 20) Pyrene                  | 19.811 | 202  | 40071    | 0.419 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.561 | 228  | 31310    | 0.434 | ng/u1  | 100      |
| 22) Chrysene                | 21.617 | 228  | 32217    | 0.407 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.274 | 252  | 27810    | 0.409 | ng/u1  | 100      |
| 25) Benzo(k)fluoranthene    | 23.324 | 252  | 26039    | 0.362 | ng/u1  | 100      |
| 26) Benzo(a)pyrene          | 23.914 | 252  | 21742    | 0.420 | ng/u1  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.578 | 276  | 24823    | 0.403 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.601 | 278  | 19526    | 0.400 | ng/u1  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.369 | 276  | 21087    | 0.393 | ng/u1  | 100      |
| -----                       |        |      |          |       |        |          |

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

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