

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
 Data File : BN023428.D  
 Acq On : 25 Dec 2022 02:13  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4358

Quant Time: Dec 25 05:18:34 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 : Sun Dec 25 05:17:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.989  | 152  | 6159     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.804 | 136  | 20431    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.640 | 164  | 11619    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.386 | 188  | 25599    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 17464    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.020 | 264  | 14117    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.340  | 96   | 2345     | 0.350 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.393 | 152  | 12693    | 0.402 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.415 | 212  | 27664    | 0.438 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.378  | 88   | 2355     | 0.344 | ng/ul# | 89       |
| 5) Naphthalene              | 10.854 | 128  | 23994    | 0.400 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.465 | 142  | 15336    | 0.400 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.685 | 142  | 15758    | 0.399 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.358 | 152  | 21706    | 0.422 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.701 | 153  | 17207    | 0.397 | ng/ul  | 98       |
| 12) Fluorene                | 15.686 | 166  | 19264    | 0.395 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.040 | 266  | 2935     | 0.413 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.428 | 178  | 31971    | 0.384 | ng/ul  | 100      |
| 16) Anthracene              | 17.521 | 178  | 28408    | 0.411 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.443 | 202  | 36057    | 0.426 | ng/ul  | 99       |
| 20) Pyrene                  | 19.806 | 202  | 36804    | 0.431 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 29505    | 0.434 | ng/ul  | 100      |
| 22) Chrysene                | 21.612 | 228  | 28233    | 0.408 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.269 | 252  | 25553    | 0.350 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.319 | 252  | 24180    | 0.353 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.909 | 252  | 21323    | 0.369 | ng/ul# | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.575 | 276  | 25278    | 0.375 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.599 | 278  | 20018    | 0.382 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.367 | 276  | 20783    | 0.378 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
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