

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110722\  
 Data File : BN022521.D  
 Acq On : 07 Nov 2022 11:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4335

Quant Time: Nov 07 23:39:39 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 : Mon Nov 07 23:39:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.919  | 152  | 2225     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.745 | 136  | 7619     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.596 | 164  | 4839     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.353 | 188  | 10764    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.556 | 240  | 9843     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 24.005 | 264  | 9317     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.228  | 96   | 1152     | 0.398 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.345 | 152  | 4703     | 0.408 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.389 | 212  | 11708    | 0.354 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.261  | 88   | 1207     | 0.407 | ng/ul#  | 1        |
| 5) Naphthalene              | 10.794 | 128  | 9006     | 0.400 | ng/ul   | 98       |
| 7) 2-Methylnaphthalene      | 12.417 | 142  | 5701     | 0.402 | ng/ul   | 100      |
| 8) 1-Methylnaphthalene      | 12.637 | 142  | 5935     | 0.407 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.318 | 152  | 8764     | 0.403 | ng/ul   | 99       |
| 11) Acenaphthene            | 14.660 | 153  | 6841     | 0.373 | ng/ul   | 100      |
| 12) Fluorene                | 15.650 | 166  | 8023     | 0.377 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 17.011 | 266  | 1152     | 0.450 | ng/ul   | 99       |
| 15) Phenanthrene            | 17.395 | 178  | 13405    | 0.371 | ng/ul   | 99       |
| 16) Anthracene              | 17.488 | 178  | 12018    | 0.395 | ng/ul   | 99       |
| 19) Fluoranthene            | 19.421 | 202  | 15341    | 0.340 | ng/ul   | 99       |
| 20) Pyrene                  | 19.784 | 202  | 16099    | 0.355 | ng/ul   | 98       |
| 21) Benzo(a)anthracene      | 21.538 | 228  | 14415    | 0.391 | ng/ul   | 98       |
| 22) Chrysene                | 21.594 | 228  | 14125    | 0.361 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 23.251 | 252  | 14446    | 0.309 | ng/ul   | 91       |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 14542    | 0.320 | ng/ul#  | 92       |
| 26) Benzo(a)pyrene          | 23.894 | 252  | 12795    | 0.343 | ng/ul#  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.571 | 276  | 16062    | 0.346 | ng/ul#  | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.588 | 278  | 12816    | 0.346 | ng/ul   | 93       |
| 29) Benzo(g,h,i)perylene    | 27.360 | 276  | 10878    | 0.288 | ng/ul   | 97       |
| -----                       |        |      |          |       |         |          |

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

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