

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041322\  
 Data File : BN019447.D  
 Acq On : 13 Apr 2022 19:11  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4338

Quant Time: Apr 14 01:58:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN041322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 14:35:39 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.818  | 152  | 4356     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.624 | 136  | 13249    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.461 | 164  | 8153     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.201 | 188  | 15512    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.395 | 240  | 10011    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.745 | 264  | 7669     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.177  | 96   | 2181     | 0.389 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.219 | 152  | 7919     | 0.422 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.235 | 212  | 17432    | 0.470 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.211  | 88   | 2201     | 0.408 | ng/ul# | 87       |
| 5) Naphthalene              | 10.673 | 128  | 16344    | 0.433 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.290 | 142  | 10558    | 0.430 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.510 | 142  | 10512    | 0.408 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.179 | 152  | 14000    | 0.473 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.521 | 153  | 12549    | 0.425 | ng/ul  | 98       |
| 12) Fluorene                | 15.511 | 166  | 13791    | 0.420 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.872 | 266  | 909      | 0.365 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.243 | 178  | 21630    | 0.420 | ng/ul  | 100      |
| 16) Anthracene              | 17.340 | 178  | 16469    | 0.416 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.263 | 202  | 22591    | 0.454 | ng/ul  | 99       |
| 20) Pyrene                  | 19.626 | 202  | 23843    | 0.450 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.380 | 228  | 12410    | 0.403 | ng/ul  | 99       |
| 22) Chrysene                | 21.430 | 228  | 17543    | 0.435 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.032 | 252  | 14450    | 0.407 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.075 | 252  | 17129    | 0.418 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.646 | 252  | 13650    | 0.450 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.172 | 276  | 13426    | 0.398 | ng/ul# | 45       |
| 28) Dibenzo(a,h)anthracene  | 26.202 | 278  | 9583     | 0.399 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 26.920 | 276  | 13272    | 0.407 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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