

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062022\  
 Data File : BN020297.D  
 Acq On : 21 Jun 2022 02:53  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4373

Quant Time: Jun 21 03:27:39 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:13:51 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.800  | 152  | 883      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.584 | 136  | 3502     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.419 | 164  | 2886     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.163 | 188  | 7674     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.348 | 240  | 10179    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.657 | 264  | 11475    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.260  | 96   | 396      | 0.393 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.173 | 152  | 2391     | 0.413 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.193 | 212  | 10082    | 0.480 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.294  | 88   | 383      | 0.395 | ng/ul  | 98       |
| 5) Naphthalene              | 10.634 | 128  | 3894     | 0.348 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.250 | 142  | 2756     | 0.380 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.465 | 142  | 2976     | 0.418 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.142 | 152  | 5078     | 0.368 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.479 | 153  | 4068     | 0.308 | ng/ul  | 99       |
| 12) Fluorene                | 15.469 | 166  | 5058     | 0.370 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.829 | 266  | 612      | 0.415 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.205 | 178  | 9629     | 0.347 | ng/ul  | 99       |
| 16) Anthracene              | 17.298 | 178  | 8252     | 0.351 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.221 | 202  | 12792    | 0.311 | ng/ul  | 99       |
| 20) Pyrene                  | 19.584 | 202  | 13767    | 0.309 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.333 | 228  | 12993    | 0.329 | ng/ul  | 100      |
| 22) Chrysene                | 21.383 | 228  | 14983    | 0.305 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.958 | 252  | 17708    | 0.216 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.002 | 252  | 17473    | 0.229 | ng/ul  | 100      |
| 26) Benzo(a)pyrene          | 23.555 | 252  | 17561    | 0.338 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.028 | 276  | 22890    | 0.271 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.041 | 278  | 18420    | 0.273 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 26.749 | 276  | 20247    | 0.272 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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