

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101823\  
 Data File : BN028325.D  
 Acq On : 18 Oct 2023 16:06  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4300

Quant Time: Oct 18 16:48:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 16:16:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.882  | 152  | 2304     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.702 | 136  | 7403     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.536 | 164  | 4245     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.299 | 188  | 9484     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.495 | 240  | 9672     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.945 | 264  | 9950     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.258  | 96   | 1252     | 0.433 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.297 | 152  | 4388     | 0.368 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.329 | 212  | 10892    | 0.355 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.296  | 88   | 1237     | 0.404 | ng/ul  | 95       |
| 5) Naphthalene              | 10.757 | 128  | 8029     | 0.382 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.374 | 142  | 4902     | 0.370 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.583 | 142  | 5097     | 0.371 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.268 | 152  | 6888     | 0.358 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.601 | 153  | 5969     | 0.389 | ng/ul  | 99       |
| 12) Fluorene                | 15.596 | 166  | 6782     | 0.398 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.953 | 266  | 541      | 0.266 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.341 | 178  | 11126    | 0.394 | ng/ul  | 99       |
| 16) Anthracene              | 17.439 | 178  | 9302     | 0.368 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.357 | 202  | 13271    | 0.359 | ng/ul  | 99       |
| 20) Pyrene                  | 19.729 | 202  | 13740    | 0.359 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.481 | 228  | 12845    | 0.364 | ng/ul  | 99       |
| 22) Chrysene                | 21.533 | 228  | 13951    | 0.391 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.185 | 252  | 14657    | 0.397 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.234 | 252  | 15132    | 0.412 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.837 | 252  | 12345    | 0.392 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.512 | 276  | 17262    | 0.454 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.529 | 278  | 13929    | 0.450 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.320 | 276  | 14943    | 0.480 | ng/ul  | 99       |

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

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