

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090623\  
 Data File : BN027404.D  
 Acq On : 06 Sep 2023 12:17  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4258

Quant Time: Sep 06 16:28:12 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 02 06:16:48 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152  | 5099     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.872 | 136  | 14970    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.680 | 164  | 9314     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.430 | 188  | 22276    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.612 | 240  | 19825    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.129 | 264  | 18641    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 2839     | 0.419 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.451 | 152  | 10733    | 0.472 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.450 | 212  | 26880    | 0.396 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.448  | 88   | 3010     | 0.439 | ng/ul# | 60       |
| 5) Naphthalene              | 10.927 | 128  | 19488    | 0.449 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.522 | 142  | 12712    | 0.468 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.742 | 142  | 13233    | 0.457 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.411 | 152  | 17841    | 0.418 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.745 | 153  | 15171    | 0.414 | ng/ul  | 98       |
| 12) Fluorene                | 15.725 | 166  | 18020    | 0.438 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.055 | 266  | 2564     | 0.590 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.472 | 178  | 30556    | 0.421 | ng/ul  | 99       |
| 16) Anthracene              | 17.565 | 178  | 25521    | 0.442 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.478 | 202  | 35345    | 0.388 | ng/ul  | 99       |
| 20) Pyrene                  | 19.845 | 202  | 36518    | 0.393 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.595 | 228  | 31920    | 0.447 | ng/ul  | 100      |
| 22) Chrysene                | 21.650 | 228  | 33638    | 0.403 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.343 | 252  | 33551    | 0.381 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.395 | 252  | 32783    | 0.381 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 24.012 | 252  | 27408    | 0.399 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.777 | 276  | 34124    | 0.447 | ng/ul# | 45       |
| 28) Dibenzo(a,h)anthracene  | 26.804 | 278  | 27246    | 0.467 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.605 | 276  | 29189    | 0.424 | ng/ul  | 98       |

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

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