

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN026986.D  
 Acq On : 21 Aug 2023 09:07  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4393

Quant Time: Aug 22 01:37:42 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.097  | 152  | 8062     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.922 | 136  | 22837    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.726 | 164  | 16102    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.472 | 188  | 35379    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.650 | 240  | 23727    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.190 | 264  | 20070    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 3820     | 0.399 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.495 | 152  | 16800    | 0.500 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.487 | 212  | 37871    | 0.505 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.477  | 88   | 3929     | 0.402 | ng/ul# | 79       |
| 5) Naphthalene              | 10.977 | 128  | 26188    | 0.406 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.572 | 142  | 19815    | 0.507 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.786 | 142  | 21247    | 0.519 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.453 | 152  | 30830    | 0.342 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.786 | 153  | 24694    | 0.396 | ng/ul  | 99       |
| 12) Fluorene                | 15.772 | 166  | 28096    | 0.398 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 17.096 | 266  | 2358     | 0.236 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.514 | 178  | 46003    | 0.396 | ng/ul  | 100      |
| 16) Anthracene              | 17.607 | 178  | 38484    | 0.366 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.520 | 202  | 49717    | 0.504 | ng/ul  | 99       |
| 20) Pyrene                  | 19.882 | 202  | 50442    | 0.480 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.632 | 228  | 36815    | 0.390 | ng/ul  | 100      |
| 22) Chrysene                | 21.685 | 228  | 38925    | 0.418 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.398 | 252  | 34903    | 0.460 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.453 | 252  | 34773    | 0.464 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 24.076 | 252  | 28077    | 0.410 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.881 | 276  | 33999    | 0.379 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.911 | 278  | 26688    | 0.374 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.712 | 276  | 29925    | 0.401 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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