

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
 Data File : BN032886.D  
 Acq On : 22 Jul 2024 10:45  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4273

Quant Time: Jul 22 12:24:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.536  | 152  | 3151     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.305 | 136  | 9740     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.179 | 164  | 5096     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.953 | 188  | 8621     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.162 | 240  | 7885     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.354 | 264  | 10002    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.089  | 96   | 1528     | 0.404 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.911 | 152  | 5488     | 0.373 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.990 | 212  | 9124     | 0.355 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.122  | 88   | 1793     | 0.416 | ng/ul# | 95       |
| 5) Naphthalene              | 10.354 | 128  | 9911     | 0.379 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.988 | 142  | 5900     | 0.361 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.202 | 142  | 6218     | 0.368 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.906 | 152  | 8574     | 0.416 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.244 | 153  | 6407     | 0.376 | ng/ul  | 99       |
| 12) Fluorene                | 15.252 | 166  | 6457     | 0.332 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.640 | 266  | 695      | 0.459 | ng/ul  | 97       |
| 15) Phenanthrene            | 16.991 | 178  | 8702     | 0.371 | ng/ul  | 98       |
| 16) Anthracene              | 17.088 | 178  | 7863     | 0.410 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.018 | 202  | 10817    | 0.337 | ng/ul  | 98       |
| 20) Pyrene                  | 19.385 | 202  | 11458    | 0.345 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.147 | 228  | 10349    | 0.412 | ng/ul  | 98       |
| 22) Chrysene                | 21.200 | 228  | 12415    | 0.342 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.696 | 252  | 11866    | 0.336 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 22.737 | 252  | 13664    | 0.318 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.260 | 252  | 10728    | 0.351 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.559 | 276  | 15859    | 0.383 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.559 | 278  | 12301    | 0.384 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.237 | 276  | 12790    | 0.370 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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