

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090121\  
 Data File : BN016124.D  
 Acq On : 01 Sep 2021 10:50  
 Operator : CG/JU  
 Sample : SSTD1.619  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.6219

Quant Time: Sep 01 11:20:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 01 10:18:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 2855     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.661 | 136  | 11234    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 6391     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.246 | 188  | 13125    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.433 | 240  | 12708    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.824 | 264  | 10596    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.315  | 96   | 5221     | 1.341 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.250 | 152  | 25297    | 1.476 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.276 | 212  | 53178    | 1.571 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.348  | 88   | 5575     | 1.380 | ng/ul# | 85       |
| 5) Naphthalene              | 10.711 | 128  | 46266    | 1.608 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.322 | 142  | 31137    | 1.593 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.542 | 142  | 30776    | 1.612 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.219 | 152  | 37966    | 1.611 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.562 | 153  | 31179    | 1.625 | ng/ul  | 99       |
| 12) Fluorene                | 15.547 | 166  | 36642    | 1.641 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.896 | 266  | 3387     | 0.955 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.289 | 178  | 58023    | 1.606 | ng/ul  | 98       |
| 16) Anthracene              | 17.377 | 178  | 52438    | 1.645 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.304 | 202  | 67330    | 1.730 | ng/ul  | 98       |
| 20) Pyrene                  | 19.666 | 202  | 66162    | 1.684 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.419 | 228  | 60729    | 1.515 | ng/ul  | 99       |
| 22) Chrysene                | 21.471 | 228  | 66068    | 1.580 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.093 | 252  | 63623    | 1.676 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.143 | 252  | 63064    | 1.676 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.716 | 252  | 53119    | 1.605 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.293 | 276  | 69068    | 1.591 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.314 | 278  | 57539    | 1.585 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.051 | 276  | 58711    | 1.591 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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