

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN031221\  
 Data File : BN013927.D  
 Acq On : 12 Mar 2021 11:48  
 Operator : CG/JU  
 Sample : SST00.802  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00.8002

Quant Time: Mar 12 12:17:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 11:54:12 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 4041     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.49 | 136  | 13582    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.35 | 164  | 6795     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.10 | 188  | 14441    | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.27 | 240  | 13442    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.50 | 264  | 10331    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.22  | 96   | 3490     | 0.85   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.09 | 152  | 15687    | 0.79   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.13 | 212  | 31310    | 0.78   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.25  | 88   | 3664     | 0.890  | ng/ul  | 92       |
| 5) Naphthalene              | 10.54 | 128  | 31279    | 0.818  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.17 | 142  | 20478    | 0.798  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.39 | 142  | 19803    | 0.805  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.07 | 152  | 24176    | 0.846  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.42 | 153  | 20172    | 0.823  | ng/ul  | 97       |
| 12) Fluorene                | 15.40 | 166  | 22771    | 0.837  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.75 | 266  | 1956     | 1.121  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.14 | 178  | 38050    | 0.820  | ng/ul  | 100      |
| 16) Anthracene              | 17.23 | 178  | 32043    | 0.849  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.15 | 202  | 42042    | 0.790  | ng/ul  | 99       |
| 20) Pyrene                  | 19.52 | 202  | 42097    | 0.788  | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.26 | 228  | 38389    | 0.907  | ng/ul  | 100      |
| 22) Chrysene                | 21.31 | 228  | 41912    | 0.798  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.83 | 252  | 39183    | 0.868  | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.88 | 252  | 39815    | 0.847  | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.40 | 252  | 31669    | 0.893  | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 42514    | 0.853  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.76 | 278  | 34584    | 0.853  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.43 | 276  | 37627    | 0.854  | ng/ul  | 100      |

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

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