

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061721\  
 Data File : BN014934.D  
 Acq On : 17 Jun 2021 09:17  
 Operator : CG/JU  
 Sample : SST0.204  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.2004

Quant Time: Jun 17 11:02:56 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN061721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 17 11:01:34 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.747  | 152  | 7967     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.516 | 136  | 30305    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.371 | 164  | 17416    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.118 | 188  | 35926    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.318 | 240  | 31403    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.577 | 264  | 27978    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.304  | 96   | 2133     | 0.261 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.111 | 152  | 9969     | 0.190 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.149 | 212  | 20757    | 0.262 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.338  | 88   | 1699     | 0.199 | ng/ul# | 81       |
| 5) Naphthalene              | 10.565 | 128  | 18853    | 0.214 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.182 | 142  | 12354    | 0.195 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.402 | 142  | 11961    | 0.196 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.088 | 152  | 17977    | 0.285 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.431 | 153  | 12743    | 0.212 | ng/ul  | 99       |
| 12) Fluorene                | 15.421 | 166  | 14518    | 0.197 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.764 | 266  | 1622     | 0.321 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.156 | 178  | 23307    | 0.208 | ng/ul  | 99       |
| 16) Anthracene              | 17.249 | 178  | 22176    | 0.255 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.181 | 202  | 25547    | 0.262 | ng/ul  | 99       |
| 20) Pyrene                  | 19.544 | 202  | 26396    | 0.267 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.303 | 228  | 22782    | 0.230 | ng/ul  | 100      |
| 22) Chrysene                | 21.353 | 228  | 24458    | 0.216 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.899 | 252  | 20393    | 0.166 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.945 | 252  | 24507    | 0.189 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.477 | 252  | 19106    | 0.203 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.852 | 276  | 21415    | 0.160 | ng/ul# | 44       |
| 28) Dibenzo(a,h)anthracene  | 25.876 | 278  | 16834    | 0.157 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.543 | 276  | 19910    | 0.174 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

