

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
 Data File : BM032202.D  
 Acq On : 27 Sep 2021 12:26  
 Operator : CG/JU  
 Sample : SSTD1.633  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6033

Quant Time: Sep 27 12:56:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 27 11:46:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.664  | 152  | 6849     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.456 | 136  | 21755    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.308 | 164  | 11184    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.033 | 188  | 23134    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.193 | 240  | 21693    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.361 | 264  | 16552    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.993  | 96   | 11389    | 1.514 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.048 | 152  | 45045    | 1.338 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.053 | 212  | 89603    | 1.409 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.027  | 88   | 11773    | 1.602 | ng/ul  | 93       |
| 5) Naphthalene              | 10.506 | 128  | 99399    | 1.722 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.120 | 142  | 64508    | 1.602 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.341 | 142  | 63113    | 1.592 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.024 | 152  | 71415    | 1.582 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.369 | 153  | 64247    | 1.740 | ng/ul  | 99       |
| 12) Fluorene                | 15.351 | 166  | 74993    | 1.742 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.700 | 266  | 9420     | 1.539 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.075 | 178  | 117449   | 1.668 | ng/ul  | 99       |
| 16) Anthracene              | 17.165 | 178  | 101872   | 1.649 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.080 | 202  | 138999   | 1.482 | ng/ul  | 98       |
| 20) Pyrene                  | 19.442 | 202  | 136535   | 1.413 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.179 | 228  | 121935   | 1.539 | ng/ul  | 100      |
| 22) Chrysene                | 21.230 | 228  | 133923   | 1.471 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.714 | 252  | 133958   | 1.760 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 22.755 | 252  | 130801   | 1.666 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.266 | 252  | 103984   | 1.564 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.507 | 276  | 125691   | 1.388 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.510 | 278  | 102190   | 1.403 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.164 | 276  | 114799   | 1.424 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

