

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032038.D  
 Acq On : 03 Sep 2021 13:16  
 Operator : CG/JU  
 Sample : SST0.223  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.2023

Quant Time: Sep 03 14:40:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 14:29:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.459  | 152  | 1453     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.217 | 136  | 5029     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.106 | 164  | 3017     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.867 | 188  | 6161     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.074 | 240  | 4883     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.190 | 264  | 4667     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.071  | 96   | 303      | 0.188 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.827 | 152  | 1509     | 0.178 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.905 | 212  | 2855     | 0.175 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.102  | 88   | 315      | 0.193 | ng/ul# | 81       |
| 5) Naphthalene              | 10.266 | 128  | 2706     | 0.181 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 11.903 | 142  | 1865     | 0.182 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.119 | 142  | 1776     | 0.176 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.828 | 152  | 2360     | 0.184 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.170 | 153  | 2057     | 0.190 | ng/ul  | 98       |
| 12) Fluorene                | 15.171 | 166  | 2396     | 0.193 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.544 | 266  | 322      | 0.163 | ng/ul  | 93       |
| 15) Phenanthrene            | 16.909 | 178  | 3761     | 0.192 | ng/ul  | 99       |
| 16) Anthracene              | 17.009 | 178  | 3235     | 0.177 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.936 | 202  | 4249     | 0.204 | ng/ul  | 97       |
| 20) Pyrene                  | 19.302 | 202  | 4434     | 0.210 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.062 | 228  | 3645     | 0.185 | ng/ul  | 100      |
| 22) Chrysene                | 21.110 | 228  | 4340     | 0.213 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.565 | 252  | 4370     | 0.208 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 22.609 | 252  | 4563     | 0.210 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.106 | 252  | 3856     | 0.209 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.267 | 276  | 5096     | 0.214 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.291 | 278  | 3960     | 0.206 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 25.904 | 276  | 4435     | 0.218 | ng/ul# | 95       |
| -----                       |        |      |          |       |        |          |

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

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