

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031278.D  
 Acq On : 30 Jul 2021 14:59  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4079

Quant Time: Jul 30 15:55:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 30 14:17:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.611  | 152  | 1441     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.374 | 136  | 5118     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.243 | 164  | 2762     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.989 | 188  | 5160     | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.183 | 240  | 3998     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.350 | 264  | 3944     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.203  | 96   | 603      | 0.38 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.971 | 152  | 3096     | 0.36 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.024 | 212  | 5080     | 0.38 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 2) 1,4-Dioxane              | 3.234  | 88   | 599      | 0.37 | ng/ul# | 85       |
| 5) Naphthalene              | 10.424 | 128  | 5762     | 0.38 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.043 | 142  | 3840     | 0.37 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.263 | 142  | 3681     | 0.36 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.959 | 152  | 4600     | 0.39 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.303 | 153  | 3777     | 0.38 | ng/ul  | 100      |
| 12) Fluorene                | 15.297 | 166  | 4094     | 0.36 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.645 | 266  | 610      | 0.37 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.030 | 178  | 6108     | 0.37 | ng/ul  | 100      |
| 16) Anthracene              | 17.120 | 178  | 5656     | 0.37 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.050 | 202  | 6510     | 0.38 | ng/ul# | 96       |
| 20) Pyrene                  | 19.416 | 202  | 6614     | 0.38 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.166 | 228  | 6039     | 0.37 | ng/ul  | 98       |
| 22) Chrysene                | 21.217 | 228  | 6194     | 0.37 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.701 | 252  | 6341     | 0.36 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.747 | 252  | 6414     | 0.35 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.256 | 252  | 5636     | 0.36 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.492 | 276  | 7300     | 0.36 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.512 | 278  | 5999     | 0.37 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.149 | 276  | 6298     | 0.37 | ng/ul  | 97       |

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

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