

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072621\  
 Data File : BM031154.D  
 Acq On : 26 Jul 2021 09:24  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4068

Quant Time: Jul 26 16:00:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 26 15:58:44 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.632  | 152  | 1141     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.396 | 136  | 4260     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.257 | 164  | 2732     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.006 | 188  | 6035     | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.190 | 240  | 4984     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.360 | 264  | 4181     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.217  | 96   | 419      | 0.35 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 2812     | 0.38 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.035 | 212  | 6592     | 0.43 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 2) 1,4-Dioxane              | 3.248  | 88   | 376      | 0.32 | ng/ul# | 76       |
| 5) Naphthalene              | 10.445 | 128  | 4822     | 0.38 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.064 | 142  | 3406     | 0.37 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.285 | 142  | 3374     | 0.38 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.980 | 152  | 4278     | 0.38 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.322 | 153  | 3716     | 0.38 | ng/ul  | 97       |
| 12) Fluorene                | 15.311 | 166  | 4363     | 0.38 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.659 | 266  | 705      | 0.34 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.047 | 178  | 7298     | 0.38 | ng/ul  | 99       |
| 16) Anthracene              | 17.137 | 178  | 6671     | 0.37 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.065 | 202  | 8428     | 0.42 | ng/ul  | 98       |
| 20) Pyrene                  | 19.427 | 202  | 8492     | 0.41 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.175 | 228  | 7430     | 0.37 | ng/ul  | 99       |
| 22) Chrysene                | 21.226 | 228  | 7922     | 0.37 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 7639     | 0.39 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.756 | 252  | 7616     | 0.38 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.265 | 252  | 6199     | 0.36 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.511 | 276  | 7275     | 0.33 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.528 | 278  | 5909     | 0.33 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.168 | 276  | 6177     | 0.33 | ng/ul  | 98       |

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

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