

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111321\  
 Data File : BM033038.D  
 Acq On : 13 Nov 2021 12:37  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4170

Quant Time: Nov 15 03:11:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:11:31 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.438  | 152  | 1874     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.212 | 136  | 7105     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.099 | 164  | 4595     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.841 | 188  | 9301     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.035 | 240  | 6169     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.142 | 264  | 5556     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.853  | 96   | 844      | 0.353 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.809 | 152  | 4116     | 0.408 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.877 | 212  | 8517     | 0.455 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 2.888  | 88   | 933      | 0.380 | ng/ul# | 86       |
| 5) Naphthalene              | 10.257 | 128  | 7910     | 0.383 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.885 | 142  | 5594     | 0.391 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.106 | 142  | 5513     | 0.394 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.815 | 152  | 8621     | 0.431 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.159 | 153  | 6540     | 0.375 | ng/ul  | 99       |
| 12) Fluorene                | 15.153 | 166  | 7454     | 0.362 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.511 | 266  | 1298     | 0.536 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.883 | 178  | 11134    | 0.360 | ng/ul  | 99       |
| 16) Anthracene              | 16.973 | 178  | 10481    | 0.386 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.904 | 202  | 12001    | 0.415 | ng/ul  | 99       |
| 20) Pyrene                  | 19.270 | 202  | 12271    | 0.408 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.021 | 228  | 8938     | 0.392 | ng/ul  | 99       |
| 22) Chrysene                | 21.071 | 228  | 9390     | 0.366 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.519 | 252  | 8208     | 0.322 | ng/ul  | 81       |
| 25) Benzo(k)fluoranthene    | 22.560 | 252  | 9210     | 0.337 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 23.052 | 252  | 7754     | 0.369 | ng/ul# | 80       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.199 | 276  | 9138     | 0.378 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.206 | 278  | 7478     | 0.390 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 25.829 | 276  | 7835     | 0.373 | ng/ul# | 91       |

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

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