

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121522\  
 Data File : BM038096.D  
 Acq On : 17 Dec 2022 10:15  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4193

Quant Time: Dec 19 03:17:44 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.055  | 152  | 4671     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.867 | 136  | 13683    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.680 | 164  | 7100     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.413 | 188  | 15248    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.580 | 240  | 11390    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.035 | 264  | 11979    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 2555     | 0.400 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.445 | 152  | 7857     | 0.393 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.431 | 212  | 15879    | 0.385 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.444  | 88   | 2255     | 0.392 | ng/ul# | 86       |
| 5) Naphthalene              | 10.917 | 128  | 16143    | 0.389 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.517 | 142  | 9847     | 0.387 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.737 | 142  | 10137    | 0.389 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.402 | 152  | 14856    | 0.399 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.740 | 153  | 11195    | 0.397 | ng/ul  | 99       |
| 12) Fluorene                | 15.721 | 166  | 12522    | 0.401 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.067 | 266  | 2735     | 0.433 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.455 | 178  | 19895    | 0.387 | ng/ul  | 100      |
| 16) Anthracene              | 17.548 | 178  | 18420    | 0.388 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.464 | 202  | 22324    | 0.379 | ng/ul  | 96       |
| 20) Pyrene                  | 19.826 | 202  | 22926    | 0.382 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.565 | 228  | 19729    | 0.401 | ng/ul  | 99       |
| 22) Chrysene                | 21.618 | 228  | 19961    | 0.402 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.281 | 252  | 21212    | 0.373 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.330 | 252  | 20000    | 0.365 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.924 | 252  | 18254    | 0.382 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.602 | 276  | 23563    | 0.392 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.616 | 278  | 18474    | 0.395 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.390 | 276  | 20219    | 0.396 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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