

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111722\  
 Data File : BM037568.D  
 Acq On : 18 Nov 2022 17:54  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4171

Quant Time: Nov 18 23:37:56 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 18 06:51:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.136  | 152  | 6467     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.957 | 136  | 17724    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.755 | 164  | 10823    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.490 | 188  | 25133    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.649 | 240  | 19498    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.145 | 264  | 19753    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.453  | 96   | 3354     | 0.446 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.536 | 152  | 11614    | 0.395 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.503 | 212  | 26939    | 0.418 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.491  | 88   | 3426     | 0.438 | ng/ul# | 57       |
| 5) Naphthalene              | 11.012 | 128  | 22669    | 0.421 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.607 | 142  | 14849    | 0.406 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.822 | 142  | 15207    | 0.405 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.478 | 152  | 22918    | 0.381 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.820 | 153  | 18158    | 0.433 | ng/ul  | 98       |
| 12) Fluorene                | 15.796 | 166  | 21603    | 0.428 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.132 | 266  | 2738     | 0.486 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.533 | 178  | 36744    | 0.427 | ng/ul  | 100      |
| 16) Anthracene              | 17.621 | 178  | 33189    | 0.400 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.531 | 202  | 41726    | 0.444 | ng/ul  | 96       |
| 20) Pyrene                  | 19.893 | 202  | 42658    | 0.436 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.631 | 228  | 36616    | 0.420 | ng/ul  | 99       |
| 22) Chrysene                | 21.687 | 228  | 38729    | 0.448 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.379 | 252  | 40849    | 0.453 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.429 | 252  | 40486    | 0.445 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 24.031 | 252  | 34554    | 0.441 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.759 | 276  | 46226    | 0.446 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.779 | 278  | 36936    | 0.453 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.567 | 276  | 36413    | 0.413 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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