

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121923\  
 Data File : BM043439.D  
 Acq On : 19 Dec 2023 23:05  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4158

Quant Time: Dec 20 00:42:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 19 23:32:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.984  | 152  | 5671     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.790 | 136  | 16701    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.615 | 164  | 8389     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.358 | 188  | 17127    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.533 | 240  | 12713    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.950 | 264  | 14264    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.385  | 96   | 3218     | 0.449 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.374 | 152  | 9323     | 0.394 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.380 | 212  | 15545    | 0.342 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.419  | 88   | 3382     | 0.471 | ng/ul# | 78       |
| 5) Naphthalene              | 10.840 | 128  | 20313    | 0.405 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.451 | 142  | 12389    | 0.382 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.665 | 142  | 12395    | 0.381 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.338 | 152  | 18656    | 0.404 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.675 | 153  | 13414    | 0.399 | ng/ul  | 98       |
| 12) Fluorene                | 15.661 | 166  | 14676    | 0.385 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.008 | 266  | 1513     | 0.399 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.400 | 178  | 23119    | 0.405 | ng/ul  | 100      |
| 16) Anthracene              | 17.493 | 178  | 21393    | 0.412 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.413 | 202  | 24032    | 0.335 | ng/ul  | 97       |
| 20) Pyrene                  | 19.771 | 202  | 25053    | 0.352 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.518 | 228  | 21770    | 0.390 | ng/ul  | 99       |
| 22) Chrysene                | 21.571 | 228  | 22386    | 0.380 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.214 | 252  | 23763    | 0.367 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.260 | 252  | 24614    | 0.367 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.842 | 252  | 21699    | 0.406 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.465 | 276  | 29573    | 0.486 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.489 | 278  | 23876    | 0.495 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.236 | 276  | 24821    | 0.478 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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