

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103124\  
 Data File : BM048401.D  
 Acq On : 01 Nov 2024 18:39  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4068

Quant Time: Nov 03 22:37:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 31 14:58:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.754  | 152  | 4549     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.523 | 136  | 16096    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.362 | 164  | 9392     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.119 | 188  | 18975    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.295 | 240  | 14763    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.534 | 264  | 14811    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96   | 2579     | 0.462 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.134 | 152  | 8085     | 0.395 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.140 | 212  | 17247    | 0.460 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.197  | 88   | 2792     | 0.461 | ng/ul# | 92       |
| 5) Naphthalene              | 10.572 | 128  | 16364    | 0.389 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.211 | 142  | 9647     | 0.385 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.409 | 142  | 10792    | 0.405 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.084 | 152  | 14274    | 0.393 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.427 | 153  | 11798    | 0.405 | ng/ul  | 99       |
| 12) Fluorene                | 15.431 | 166  | 12788    | 0.395 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.794 | 266  | 1406     | 0.266 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.161 | 178  | 18057    | 0.383 | ng/ul  | 99       |
| 16) Anthracene              | 17.271 | 178  | 16476    | 0.373 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.173 | 202  | 22841    | 0.449 | ng/ul  | 100      |
| 20) Pyrene                  | 19.531 | 202  | 24314    | 0.445 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.286 | 228  | 16480    | 0.373 | ng/ul  | 100      |
| 22) Chrysene                | 21.330 | 228  | 25673    | 0.422 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.861 | 252  | 19431    | 0.384 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.905 | 252  | 24419    | 0.407 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.446 | 252  | 18716    | 0.394 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.826 | 276  | 24335    | 0.366 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.850 | 278  | 18805    | 0.363 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.504 | 276  | 21122    | 0.377 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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