

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072221\  
 Data File : BM031069.D  
 Acq On : 22 Jul 2021 17:10  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4059

Quant Time: Jul 22 17:58:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 11:33:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.639  | 152  | 1181     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.400 | 136  | 4516     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.265 | 164  | 3012     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.009 | 188  | 6611     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.195 | 240  | 6231     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.370 | 264  | 5482     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.217  | 96   | 462      | 0.372 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.992 | 152  | 2983     | 0.376 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.039 | 212  | 7358     | 0.387 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.251  | 88   | 442      | 0.365 | ng/ul  | 92       |
| 5) Naphthalene              | 10.450 | 128  | 4994     | 0.370 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.069 | 142  | 3646     | 0.375 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.289 | 142  | 3572     | 0.377 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.985 | 152  | 4599     | 0.373 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.330 | 153  | 4074     | 0.374 | ng/ul  | 98       |
| 12) Fluorene                | 15.319 | 166  | 4728     | 0.369 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.659 | 266  | 858      | 0.375 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.051 | 178  | 7849     | 0.374 | ng/ul  | 99       |
| 16) Anthracene              | 17.141 | 178  | 7415     | 0.377 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.069 | 202  | 9444     | 0.376 | ng/ul  | 99       |
| 20) Pyrene                  | 19.431 | 202  | 9583     | 0.374 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.180 | 228  | 9131     | 0.367 | ng/ul  | 100      |
| 22) Chrysene                | 21.231 | 228  | 9777     | 0.363 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.720 | 252  | 9910     | 0.384 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.766 | 252  | 9851     | 0.377 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.275 | 252  | 8060     | 0.362 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.528 | 276  | 10045    | 0.344 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.543 | 278  | 8138     | 0.348 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.187 | 276  | 8587     | 0.346 | ng/ul  | 99       |

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

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