

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050322\  
 Data File : BM034931.D  
 Acq On : 04 May 2022 16:03  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4090

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022  
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 05 04:12:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 02:59:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152  | 4732     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 12450    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.557 | 164  | 6465     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.297 | 188  | 11657    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.476 | 240  | 8030     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.858 | 264  | 7473     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.373  | 96   | 2283     | 0.436 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 7230     | 0.413 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.323 | 212  | 10974    | 0.433 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.407  | 88   | 2073m    | 0.416 | ng/ul  |          |
| 5) Naphthalene              | 10.776 | 128  | 15010    | 0.422 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 9972     | 0.422 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 9842     | 0.423 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.275 | 152  | 12205    | 0.432 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.618 | 153  | 10369    | 0.434 | ng/ul  | 97       |
| 12) Fluorene                | 15.603 | 166  | 10957    | 0.407 | ng/ul# | 98       |
| 14) Pentachlorophenol       | 16.951 | 266  | 1453     | 0.420 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.339 | 178  | 16242    | 0.421 | ng/ul  | 95       |
| 16) Anthracene              | 17.432 | 178  | 14134    | 0.412 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.350 | 202  | 17108    | 0.444 | ng/ul  | 98       |
| 20) Pyrene                  | 19.713 | 202  | 17080    | 0.441 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.458 | 228  | 13111    | 0.420 | ng/ul  | 98       |
| 22) Chrysene                | 21.511 | 228  | 14203    | 0.426 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.133 | 252  | 14109    | 0.413 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.182 | 252  | 14620    | 0.429 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.753 | 252  | 12126    | 0.435 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.332 | 276  | 16501    | 0.422 | ng/ul# | 81       |
| 28) Dibenzo(a,h)anthracene  | 26.352 | 278  | 12925    | 0.406 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 27.087 | 276  | 14154    | 0.419 | ng/ul  | 93       |

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

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