

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041222\  
 Data File : BM034630.D  
 Acq On : 12 Apr 2022 21:07  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4075

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022  
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:06:29 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM041222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 12 15:46:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 1573     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.710 | 136  | 5232     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.534 | 164  | 2870     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.288 | 188  | 4446     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.468 | 240  | 4005     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.856 | 264  | 3199     | 0.400 | ng/ul  | # 0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.260  | 96   | 1338     | 0.491 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.311 | 152  | 2919     | 0.421 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.308 | 212  | 5179     | 0.444 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.294  | 88   | 1316m    | 0.487 | ng/ul  |          |
| 5) Naphthalene              | 10.760 | 128  | 6162     | 0.407 | ng/ul  | 92       |
| 7) 2-Methylnaphthalene      | 12.382 | 142  | 3790     | 0.419 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.591 | 142  | 4018     | 0.440 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.256 | 152  | 5543     | 0.411 | ng/ul# | 92       |
| 11) Acenaphthene            | 14.599 | 153  | 4537     | 0.421 | ng/ul  | 96       |
| 12) Fluorene                | 15.589 | 166  | 4664     | 0.421 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.955 | 266  | 706      | 0.409 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.326 | 178  | 6141     | 0.428 | ng/ul  | 99       |
| 16) Anthracene              | 17.432 | 178  | 4413     | 0.402 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.336 | 202  | 7178     | 0.433 | ng/ul  | 98       |
| 20) Pyrene                  | 19.699 | 202  | 8687     | 0.444 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 3335m    | 0.399 | ng/ul  |          |
| 22) Chrysene                | 21.500 | 228  | 4318     | 0.409 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.119 | 252  | 4608m    | 0.438 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.166 | 252  | 4876     | 0.463 | ng/ul# | 86       |
| 26) Benzo(a)pyrene          | 23.754 | 252  | 5268     | 0.436 | ng/ul# | 70       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.333 | 276  | 6946     | 0.434 | ng/ul# | 57       |
| 28) Dibenzo(a,h)anthracene  | 26.387 | 278  | 5141     | 0.443 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 27.091 | 276  | 7552     | 0.432 | ng/ul# | 95       |
| -----                       |        |      |          |       |        |          |

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

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