

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034431.D  
 Acq On : 30 Mar 2022 06:03  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4064

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 07:22:49 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 28 18:27:40 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.933  | 152  | 2882     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.746 | 136  | 8220     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.574 | 164  | 4156     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.324 | 188  | 6792     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.498 | 240  | 6097     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.904 | 264  | 6601     | 0.400 | ng/ul  | #-0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.309  | 96   | 1909     | 0.445 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 4234     | 0.382 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.343 | 212  | 7674     | 0.403 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.343  | 88   | 2300     | 0.486 | ng/ul# | 73       |
| 5) Naphthalene              | 10.801 | 128  | 9393     | 0.395 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.418 | 142  | 5623     | 0.386 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.627 | 142  | 5625     | 0.387 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.296 | 152  | 8049     | 0.402 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.634 | 153  | 6300     | 0.414 | ng/ul  | 95       |
| 12) Fluorene                | 15.628 | 166  | 6408     | 0.394 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.991 | 266  | 1056     | 0.386 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.362 | 178  | 8837     | 0.407 | ng/ul  | 98       |
| 16) Anthracene              | 17.464 | 178  | 7085     | 0.372 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.371 | 202  | 10823    | 0.394 | ng/ul  | 99       |
| 20) Pyrene                  | 19.733 | 202  | 12494    | 0.412 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.480 | 228  | 6572     | 0.345 | ng/ul  | 98       |
| 22) Chrysene                | 21.533 | 228  | 8578     | 0.393 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.164 | 252  | 7910m    | 0.347 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.214 | 252  | 8851m    | 0.400 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.801 | 252  | 9444     | 0.399 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.418 | 276  | 12275    | 0.398 | ng/ul# | 57       |
| 28) Dibenzo(a,h)anthracene  | 26.445 | 278  | 8867     | 0.384 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 27.176 | 276  | 12448    | 0.418 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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