

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073024\  
 Data File : BN033069.D  
 Acq On : 29 Jul 2024 16:01  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4286

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024  
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:05:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 23:04:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.583  | 152  | 1238m    | 0.400 | ng/ul  | 0.06     |
| 4) Naphthalene-d8           | 10.366 | 136  | 4139     | 0.400 | ng/ul  | # 0.07   |
| 9) Acenaphthene-d10         | 14.180 | 164  | 3010m    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.958 | 188  | 7281     | 0.400 | ng/ul  | 0.01     |
| 17) Chrysene-d12            | 21.166 | 240  | 7849     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.358 | 264  | 8503     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.065  | 96   | 751      | 0.480 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.967 | 152  | 2530     | 0.375 | ng/ul  | 0.06     |
| 18) Fluoranthene-d10        | 18.986 | 212  | 8556     | 0.385 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.094  | 88   | 844      | 0.473 | ng/ul# | 87       |
| 5) Naphthalene              | 10.410 | 128  | 4242     | 0.399 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.044 | 142  | 2522     | 0.350 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.231 | 142  | 3087     | 0.396 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.916 | 152  | 4650     | 0.377 | ng/ul  | 94       |
| 11) Acenaphthene            | 14.245 | 153  | 3966     | 0.428 | ng/ul  | 98       |
| 12) Fluorene                | 15.267 | 166  | 4532     | 0.420 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.654 | 266  | 471      | 0.318 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.000 | 178  | 7511     | 0.385 | ng/ul  | 99       |
| 16) Anthracene              | 17.106 | 178  | 6002     | 0.342 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.019 | 202  | 10643    | 0.412 | ng/ul  | 99       |
| 20) Pyrene                  | 19.386 | 202  | 11541    | 0.416 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.157 | 228  | 9388     | 0.351 | ng/ul  | 98       |
| 22) Chrysene                | 21.204 | 228  | 13888    | 0.444 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.703 | 252  | 11384    | 0.458 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 22.747 | 252  | 15623    | 0.525 | ng/ul  | 94       |
| 26) Benzo(a)pyrene          | 23.276 | 252  | 9094     | 0.389 | ng/ul  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.577 | 276  | 16444    | 0.463 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.577 | 278  | 12747    | 0.452 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 26.255 | 276  | 13773    | 0.488 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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