

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072623\  
 Data File : BN026764.D  
 Acq On : 26 Jul 2023 20:40  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4379

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 05:05:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 24 00:39:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.848  | 152  | 1625     | 0.400 | ng/ul  | 0.02     |
| 4) Naphthalene-d8           | 10.630 | 136  | 4583     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.462 | 164  | 3137     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.219 | 188  | 6390     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.419 | 240  | 7165     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.796 | 264  | 7589     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.191  | 96   | 1024m    | 0.478 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.236 | 152  | 2604     | 0.418 | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 19.250 | 212  | 9056     | 0.365 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.224  | 88   | 1062     | 0.524 | ng/ul# | 87       |
| 5) Naphthalene              | 10.680 | 128  | 4819     | 0.383 | ng/ul  | 94       |
| 7) 2-Methylnaphthalene      | 12.302 | 142  | 2881     | 0.403 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.511 | 142  | 3320     | 0.434 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.189 | 152  | 6121     | 0.398 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.522 | 153  | 4601     | 0.393 | ng/ul  | 99       |
| 12) Fluorene                | 15.522 | 166  | 5176     | 0.422 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.902 | 266  | 776m     | 0.481 | ng/ul  |          |
| 15) Phenanthrene            | 17.261 | 178  | 8220     | 0.404 | ng/ul  | 100      |
| 16) Anthracene              | 17.363 | 178  | 7277     | 0.412 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.278 | 202  | 11251    | 0.335 | ng/ul# | 91       |
| 20) Pyrene                  | 19.645 | 202  | 12286    | 0.337 | ng/ul# | 90       |
| 21) Benzo(a)anthracene      | 21.405 | 228  | 9962     | 0.378 | ng/ul  | 98       |
| 22) Chrysene                | 21.454 | 228  | 11445    | 0.382 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.073 | 252  | 11038    | 0.373 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.117 | 252  | 12782    | 0.412 | ng/ul# | 92       |
| 26) Benzo(a)pyrene          | 23.690 | 252  | 10179    | 0.387 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.260 | 276  | 11691    | 0.339 | ng/ul# | 72       |
| 28) Dibenzo(a,h)anthracene  | 26.270 | 278  | 8619     | 0.326 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.008 | 276  | 10802    | 0.355 | ng/ul# | 87       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072623\  
Data File : BN026764.D  
Acq On : 26 Jul 2023 20:40  
Operator : MA/JU  
Sample : SSTDCCC0.4EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD0.4379

Quant Time: Jul 27 05:05:45 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 24 00:39:11 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/28/2023  
Supervised By :mohammad ahmed 07/28/2023

