

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121024\  
 Data File : BN035532.D  
 Acq On : 10 Dec 2024 15:30  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4359

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024  
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 10 16:11:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN111624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 10 16:10:57 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.293  | 152  | 2761     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.036 | 136  | 7076     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 13.949 | 164  | 4511     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.717 | 188  | 9658     | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 20.961 | 240  | 7088     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.051 | 264  | 7260     | 0.400 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 2.963  | 96   | 1193     | 0.473 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.642 | 152  | 4067     | 0.392 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.767 | 212  | 9021     | 0.461 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 2.993  | 88   | 1329     | 0.485 | ng/ul#  | 89       |
| 5) Naphthalene              | 10.086 | 128  | 7586     | 0.426 | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 11.714 | 142  | 5023     | 0.406 | ng/ul   | 98       |
| 8) 1-Methylnaphthalene      | 11.945 | 142  | 5216     | 0.418 | ng/ul   | 99       |
| 10) Acenaphthylene          | 13.662 | 152  | 7620     | 0.426 | ng/ul   | 99       |
| 11) Acenaphthene            | 14.013 | 153  | 5982     | 0.437 | ng/ul   | 99       |
| 12) Fluorene                | 15.017 | 166  | 6801     | 0.423 | ng/ul   | 100      |
| 14) Pentachlorophenol       | 16.379 | 266  | 1006     | 0.447 | ng/ul   | 98       |
| 15) Phenanthrene            | 16.759 | 178  | 10920    | 0.428 | ng/ul   | 100      |
| 16) Anthracene              | 16.848 | 178  | 9624     | 0.406 | ng/ul   | 100      |
| 19) Fluoranthene            | 18.800 | 202  | 11829    | 0.479 | ng/ul#  | 96       |
| 20) Pyrene                  | 19.167 | 202  | 12663    | 0.493 | ng/ul#  | 94       |
| 21) Benzo(a)anthracene      | 20.947 | 228  | 10065    | 0.409 | ng/ul   | 99       |
| 22) Chrysene                | 20.996 | 228  | 11069    | 0.447 | ng/ul   | 100      |
| 24) Benzo(b)fluoranthene    | 22.440 | 252  | 10022    | 0.418 | ng/ul   | 97       |
| 25) Benzo(k)fluoranthene    | 22.480 | 252  | 11527m   | 0.466 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 22.960 | 252  | 9308     | 0.424 | ng/ul#  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.081 | 276  | 12771    | 0.431 | ng/ul#  | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.101 | 278  | 8925     | 0.384 | ng/ul#  | 96       |
| 29) Benzo(g,h,i)perylene    | 25.691 | 276  | 9624     | 0.412 | ng/ul#  | 94       |
| -----                       |        |      |          |       |         |          |

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

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