

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030422\  
 Data File : BN018836.D  
 Acq On : 03 Mar 2022 21:51  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4335

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022  
 Supervised By :Yogesh Patel 03/07/2022

Quant Time: Mar 04 05:10:28 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN021822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 18 13:39:55 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.913  | 152  | 6873     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.715 | 136  | 18438    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.542 | 164  | 10651    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.283 | 188  | 22976    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.462 | 240  | 19022    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.855 | 264  | 14539    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 3249     | 0.416 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.304 | 152  | 11012    | 0.437 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.307 | 212  | 25437    | 0.448 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.318  | 88   | 3435     | 0.429 | ng/ul# | 78       |
| 5) Naphthalene              | 10.764 | 128  | 21924    | 0.420 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.376 | 142  | 14962    | 0.444 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.596 | 142  | 15080    | 0.449 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.265 | 152  | 18215    | 0.379 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.607 | 153  | 16221    | 0.422 | ng/ul  | 99       |
| 12) Fluorene                | 15.588 | 166  | 18509    | 0.448 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.937 | 266  | 1624     | 0.346 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.321 | 178  | 32007    | 0.424 | ng/ul  | 99       |
| 16) Anthracene              | 17.414 | 178  | 26415    | 0.391 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.335 | 202  | 36627    | 0.459 | ng/ul# | 91       |
| 20) Pyrene                  | 19.698 | 202  | 37288    | 0.452 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.444 | 228  | 29170    | 0.396 | ng/ul  | 100      |
| 22) Chrysene                | 21.497 | 228  | 32640    | 0.425 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.125 | 252  | 31457m   | 0.486 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.168 | 252  | 30966    | 0.480 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 23.747 | 252  | 25070    | 0.439 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.336 | 276  | 27926    | 0.385 | ng/ul# | 76       |
| 28) Dibenzo(a,h)anthracene  | 26.356 | 278  | 21272    | 0.373 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 27.094 | 276  | 22578    | 0.363 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

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

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