

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121621\  
 Data File : BN018116.D  
 Acq On : 18 Dec 2021 01:33  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4302

Quant Time: Dec 18 02:52:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN121621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 15 17:47:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.662  | 152  | 4872     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.454 | 136  | 14582    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.310 | 164  | 8966     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.067 | 188  | 18120    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.262 | 240  | 25008    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.535 | 264  | 18424    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 2047     | 0.405 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.060 | 152  | 6867     | 0.404 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.097 | 212  | 19847    | 0.278 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.177  | 88   | 2492     | 0.420 | ng/ul# | 42       |
| 5) Naphthalene              | 10.504 | 128  | 15641    | 0.391 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.137 | 142  | 9083     | 0.404 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.346 | 142  | 10246    | 0.393 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.027 | 152  | 14081    | 0.388 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.374 | 153  | 12622    | 0.391 | ng/ul  | 98       |
| 12) Fluorene                | 15.369 | 166  | 14017    | 0.394 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.734 | 266  | 1408     | 0.444 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.105 | 178  | 23478    | 0.374 | ng/ul  | 99       |
| 16) Anthracene              | 17.198 | 178  | 19762    | 0.400 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.129 | 202  | 36042    | 0.358 | ng/ul  | 96       |
| 20) Pyrene                  | 19.487 | 202  | 40012    | 0.355 | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.247 | 228  | 28249    | 0.380 | ng/ul  | 99       |
| 22) Chrysene                | 21.297 | 228  | 42021    | 0.393 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.845 | 252  | 31823    | 0.432 | ng/ul  | 84       |
| 25) Benzo(k)fluoranthene    | 22.889 | 252  | 38208    | 0.389 | ng/ul# | 82       |
| 26) Benzo(a)pyrene          | 23.439 | 252  | 27703    | 0.389 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.872 | 276  | 33714    | 0.421 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.892 | 278  | 25428    | 0.434 | ng/ul# | 82       |
| 29) Benzo(g,h,i)perylene    | 26.573 | 276  | 30137    | 0.439 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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