

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090121\  
 Data File : BN016130.D  
 Acq On : 01 Sep 2021 17:49  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4263

Quant Time: Sep 01 18:19:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 01 12:00:46 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.867  | 152  | 3245     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.666 | 136  | 13601    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.506 | 164  | 7651     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.250 | 188  | 15085    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.442 | 240  | 13879    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.836 | 264  | 13707    | 0.400 | ng/ul  | 0.01     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 1382     | 0.366 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 7943     | 0.415 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.285 | 212  | 17059    | 0.458 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.353  | 88   | 1507     | 0.365 | ng/ul# | 86       |
| 5) Naphthalene              | 10.716 | 128  | 14052    | 0.388 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.333 | 142  | 9558     | 0.405 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.547 | 142  | 9475     | 0.402 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.224 | 152  | 12543    | 0.433 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.566 | 153  | 9615     | 0.397 | ng/ul  | 99       |
| 12) Fluorene                | 15.552 | 166  | 10865    | 0.392 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.904 | 266  | 1229     | 0.503 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.293 | 178  | 17047    | 0.392 | ng/ul  | 99       |
| 16) Anthracene              | 17.386 | 178  | 16422    | 0.437 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.313 | 202  | 20123    | 0.435 | ng/ul  | 99       |
| 20) Pyrene                  | 19.675 | 202  | 20773    | 0.444 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.427 | 228  | 19410    | 0.457 | ng/ul# | 94       |
| 22) Chrysene                | 21.477 | 228  | 18925    | 0.395 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.108 | 252  | 18805    | 0.365 | ng/ul# | 77       |
| 25) Benzo(k)fluoranthene    | 23.152 | 252  | 18605    | 0.359 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 23.728 | 252  | 17557    | 0.401 | ng/ul# | 80       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.320 | 276  | 21814    | 0.386 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.337 | 278  | 18246    | 0.392 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 27.075 | 276  | 17987    | 0.367 | ng/ul# | 84       |
| -----                       |        |      |          |       |        |          |

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

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