

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051421\  
 Data File : BN014652.D  
 Acq On : 15 May 2021 18:03  
 Operator : CG/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4015

Quant Time: May 16 02:00:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 15:50:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.730  | 152  | 483      | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.510 | 136  | 1559     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.375 | 164  | 1125     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.126 | 188  | 2765     | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.323 | 240  | 3364     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.585 | 264  | 3192     | 0.40 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.257  | 96   | 205      | 0.41 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.110 | 152  | 1067     | 0.40 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.162 | 212  | 3589     | 0.42 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.287  | 88   | 225      | 0.43 | ng/ul  | 93       |
| 5) Naphthalene              | 10.559 | 128  | 1827     | 0.40 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.182 | 142  | 1297     | 0.40 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.402 | 142  | 1283     | 0.41 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.093 | 152  | 1680     | 0.41 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.435 | 153  | 1508     | 0.39 | ng/ul  | 99       |
| 12) Fluorene                | 15.430 | 166  | 1835     | 0.39 | ng/ul  | 97       |
| 14) Pentachlorophenol       | 16.776 | 266  | 172      | 0.44 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.169 | 178  | 3353     | 0.39 | ng/ul  | 100      |
| 16) Anthracene              | 17.257 | 178  | 2797     | 0.42 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.190 | 202  | 4289     | 0.41 | ng/ul  | 99       |
| 20) Pyrene                  | 19.553 | 202  | 4322     | 0.41 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.306 | 228  | 4152     | 0.39 | ng/ul  | 99       |
| 22) Chrysene                | 21.355 | 228  | 5047     | 0.42 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.904 | 252  | 5260     | 0.37 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.951 | 252  | 5633     | 0.38 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.489 | 252  | 4414     | 0.41 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.875 | 276  | 6308     | 0.41 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.892 | 278  | 5167     | 0.42 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.573 | 276  | 5202     | 0.40 | ng/ul  | 97       |
| -----                       |        |      |          |      |        |          |

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

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