

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090721\  
 Data File : BN016232.D  
 Acq On : 07 Sep 2021 11:58  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4269

Quant Time: Sep 07 12:58:18 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 : Tue Sep 07 12:55:06 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.858  | 152  | 2260     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.655 | 136  | 9588     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 5984     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.242 | 188  | 12658    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.430 | 240  | 12582    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.815 | 264  | 12156    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.302  | 96   | 970      | 0.369 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.250 | 152  | 5649     | 0.418 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.271 | 212  | 13933    | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.340  | 88   | 1011     | 0.352 | ng/ul# | 91       |
| 5) Naphthalene              | 10.705 | 128  | 9724     | 0.381 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.321 | 142  | 6789     | 0.408 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.541 | 142  | 6774     | 0.408 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.214 | 152  | 9390     | 0.415 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.557 | 153  | 7259     | 0.383 | ng/ul  | 99       |
| 12) Fluorene                | 15.547 | 166  | 8537     | 0.394 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.900 | 266  | 592      | 0.289 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.284 | 178  | 13916    | 0.381 | ng/ul  | 99       |
| 16) Anthracene              | 17.377 | 178  | 13088    | 0.415 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.303 | 202  | 16547    | 0.395 | ng/ul  | 99       |
| 20) Pyrene                  | 19.666 | 202  | 17162    | 0.404 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.415 | 228  | 16165    | 0.420 | ng/ul  | 98       |
| 22) Chrysene                | 21.465 | 228  | 16171    | 0.372 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.090 | 252  | 16519    | 0.361 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.137 | 252  | 16453    | 0.358 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.710 | 252  | 14739    | 0.380 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.290 | 276  | 18120    | 0.361 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.306 | 278  | 14991    | 0.363 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.048 | 276  | 15520    | 0.357 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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