

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070821\  
 Data File : BN015401.D  
 Acq On : 08 Jul 2021 09:38  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4110

Quant Time: Jul 08 11:17:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 08 11:17:31 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.715  | 152  | 3010     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.485 | 136  | 10139    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.339 | 164  | 5275     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.086 | 188  | 10787    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.287 | 240  | 8796     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.528 | 264  | 7888     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.281  | 96   | 1354     | 0.399 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.074 | 152  | 5789     | 0.364 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.122 | 212  | 10902    | 0.377 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.315  | 88   | 1378     | 0.376 | ng/ul  | 98       |
| 5) Naphthalene              | 10.529 | 128  | 11943    | 0.369 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.146 | 142  | 7790     | 0.368 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.371 | 142  | 7580     | 0.370 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.057 | 152  | 9603     | 0.352 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.400 | 153  | 7701     | 0.368 | ng/ul  | 98       |
| 12) Fluorene                | 15.390 | 166  | 8555     | 0.370 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.740 | 266  | 858      | 0.359 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.128 | 178  | 14366    | 0.367 | ng/ul  | 100      |
| 16) Anthracene              | 17.217 | 178  | 12179    | 0.353 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.150 | 202  | 15046    | 0.370 | ng/ul  | 98       |
| 20) Pyrene                  | 19.517 | 202  | 15197    | 0.373 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.272 | 228  | 12603    | 0.387 | ng/ul  | 100      |
| 22) Chrysene                | 21.322 | 228  | 14093    | 0.361 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.856 | 252  | 13892    | 0.377 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.900 | 252  | 14466    | 0.348 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.429 | 252  | 12169    | 0.393 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.776 | 276  | 15435    | 0.413 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.790 | 278  | 12260    | 0.418 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.464 | 276  | 13148    | 0.380 | ng/ul  | 99       |

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

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