

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072121\  
 Data File : BN015633.D  
 Acq On : 20 Jul 2021 22:02  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4256

Quant Time: Jul 21 01:06:15 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 : Tue Jul 20 18:52:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.779  | 152  | 2473     | 0.400 | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.567 | 136  | 8176     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.418 | 164  | 4237     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.170 | 188  | 8773     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.369 | 240  | 7385     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.710 | 264  | 6799     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.277  | 96   | 1151     | 0.413 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.162 | 152  | 4824     | 0.376 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.206 | 212  | 9674     | 0.399 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.311  | 88   | 1214     | 0.403 | ng/ul# | 83       |
| 5) Naphthalene              | 10.611 | 128  | 10028    | 0.384 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.234 | 142  | 6395     | 0.375 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.454 | 142  | 6367     | 0.386 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.136 | 152  | 7992     | 0.365 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.478 | 153  | 6548     | 0.390 | ng/ul  | 99       |
| 12) Fluorene                | 15.468 | 166  | 7217     | 0.389 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.824 | 266  | 907      | 0.467 | ng/ul  | 91       |
| 15) Phenanthrene            | 17.208 | 178  | 12232    | 0.384 | ng/ul  | 97       |
| 16) Anthracene              | 17.301 | 178  | 10277    | 0.366 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.234 | 202  | 13245    | 0.388 | ng/ul# | 90       |
| 20) Pyrene                  | 19.601 | 202  | 13621    | 0.398 | ng/ul# | 90       |
| 21) Benzo(a)anthracene      | 21.354 | 228  | 10949    | 0.400 | ng/ul  | 99       |
| 22) Chrysene                | 21.404 | 228  | 12313    | 0.376 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.999 | 252  | 11837    | 0.373 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.046 | 252  | 13069    | 0.365 | ng/ul# | 93       |
| 26) Benzo(a)pyrene          | 23.607 | 252  | 10339    | 0.388 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.118 | 276  | 14265    | 0.443 | ng/ul# | 50       |
| 28) Dibenzo(a,h)anthracene  | 26.135 | 278  | 11319    | 0.448 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 26.850 | 276  | 11480    | 0.385 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

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

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