

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
 Data File : BN017167.D  
 Acq On : 28 Oct 2021 22:37  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4282

Quant Time: Oct 29 02:51:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 28 12:50:34 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.531  | 152  | 4000     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.299 | 136  | 15511    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.183 | 164  | 9425     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.935 | 188  | 20658    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.146 | 240  | 19877    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.350 | 264  | 20161    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.055  | 96   | 1837     | 0.413 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.905 | 152  | 9274     | 0.409 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.975 | 212  | 22876    | 0.439 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.088  | 88   | 2020     | 0.423 | ng/ul# | 91       |
| 5) Naphthalene              | 10.348 | 128  | 17906    | 0.417 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.976 | 142  | 12140    | 0.408 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.202 | 142  | 12575    | 0.413 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.896 | 152  | 15381    | 0.412 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.243 | 153  | 13926    | 0.426 | ng/ul  | 99       |
| 12) Fluorene                | 15.238 | 166  | 15875    | 0.416 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.597 | 266  | 1443     | 0.310 | ng/ul  | 100      |
| 15) Phenanthrene            | 16.977 | 178  | 28060    | 0.428 | ng/ul  | 99       |
| 16) Anthracene              | 17.070 | 178  | 22284    | 0.410 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.007 | 202  | 31504    | 0.443 | ng/ul  | 99       |
| 20) Pyrene                  | 19.370 | 202  | 32223    | 0.442 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.132 | 228  | 25899    | 0.398 | ng/ul  | 99       |
| 22) Chrysene                | 21.181 | 228  | 32741    | 0.444 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.689 | 252  | 33035    | 0.440 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.733 | 252  | 36614    | 0.430 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.250 | 252  | 27872    | 0.413 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.565 | 276  | 40785    | 0.426 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.585 | 278  | 32319    | 0.427 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.239 | 276  | 34704    | 0.429 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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