

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071221\  
 Data File : BN015493.D  
 Acq On : 12 Jul 2021 17:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4119

Quant Time: Jul 12 17:39:07 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 : Mon Jul 12 15:47:53 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 3052     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.601 | 136  | 10312    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.446 | 164  | 5258     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.191 | 188  | 9926     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.389 | 240  | 8669     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.745 | 264  | 7881     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 1279     | 0.372 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.190 | 152  | 5712     | 0.353 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.224 | 212  | 9984     | 0.350 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.348  | 88   | 1390     | 0.374 | ng/ul  | 99       |
| 5) Naphthalene              | 10.645 | 128  | 11884    | 0.361 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.267 | 142  | 7588     | 0.353 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.481 | 142  | 7489     | 0.360 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.164 | 152  | 9965     | 0.367 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.506 | 153  | 7471     | 0.359 | ng/ul  | 99       |
| 12) Fluorene                | 15.496 | 166  | 7848     | 0.341 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.845 | 266  | 642      | 0.292 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.234 | 178  | 13027    | 0.362 | ng/ul  | 99       |
| 16) Anthracene              | 17.327 | 178  | 11203    | 0.353 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.257 | 202  | 14325    | 0.358 | ng/ul  | 98       |
| 20) Pyrene                  | 19.619 | 202  | 14665    | 0.365 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.375 | 228  | 12733    | 0.397 | ng/ul  | 98       |
| 22) Chrysene                | 21.424 | 228  | 13057    | 0.340 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.029 | 252  | 12647    | 0.344 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.075 | 252  | 12877    | 0.310 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.640 | 252  | 11055    | 0.357 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.169 | 276  | 13877    | 0.372 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.189 | 278  | 10924    | 0.373 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.910 | 276  | 11767    | 0.340 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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