

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022122\  
 Data File : BN018662.D  
 Acq On : 21 Feb 2022 11:00  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4325

Quant Time: Feb 21 12:01:22 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN021822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 18 13:39:55 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 8187     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.721 | 136  | 20215    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.547 | 164  | 9824     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.288 | 188  | 17378    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.465 | 240  | 12331    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.861 | 264  | 11473    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.293  | 96   | 3915     | 0.421 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.310 | 152  | 11396    | 0.412 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.312 | 212  | 16840    | 0.457 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.331  | 88   | 4034     | 0.423 | ng/ul# | 77       |
| 5) Naphthalene              | 10.770 | 128  | 23992    | 0.419 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.381 | 142  | 15432    | 0.418 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.601 | 142  | 15505    | 0.421 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.269 | 152  | 17836    | 0.403 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.612 | 153  | 15021    | 0.423 | ng/ul  | 99       |
| 12) Fluorene                | 15.593 | 166  | 16011    | 0.420 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.937 | 266  | 1197     | 0.338 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.330 | 178  | 24083    | 0.422 | ng/ul  | 100      |
| 16) Anthracene              | 17.419 | 178  | 20557    | 0.403 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.340 | 202  | 23944    | 0.463 | ng/ul# | 93       |
| 20) Pyrene                  | 19.703 | 202  | 23894    | 0.447 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 21.450 | 228  | 19202    | 0.402 | ng/ul  | 100      |
| 22) Chrysene                | 21.503 | 228  | 21336    | 0.429 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.131 | 252  | 21721    | 0.426 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.177 | 252  | 22438    | 0.440 | ng/ul# | 97       |
| 26) Benzo(a)pyrene          | 23.756 | 252  | 19032    | 0.423 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.346 | 276  | 25542    | 0.446 | ng/ul# | 82       |
| 28) Dibenzo(a,h)anthracene  | 26.360 | 278  | 19727    | 0.438 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 27.107 | 276  | 21804    | 0.444 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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