

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100523\  
 Data File : BN028077.D  
 Acq On : 06 Oct 2023 09:46  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4290

Quant Time: Oct 07 00:29:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 06 05:15:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.941  | 152  | 5287     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.757 | 136  | 16024    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.583 | 164  | 8350     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.337 | 188  | 16058    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.528 | 240  | 14796    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.995 | 264  | 16997    | 0.400 | ng/ul  | 0.02     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.334  | 96   | 2586     | 0.389 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.341 | 152  | 9875     | 0.382 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.367 | 212  | 18546    | 0.395 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.368  | 88   | 2667     | 0.379 | ng/ul# | 88       |
| 5) Naphthalene              | 10.806 | 128  | 18117    | 0.398 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.412 | 142  | 10928    | 0.381 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.632 | 142  | 11118    | 0.374 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.314 | 152  | 15975    | 0.422 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.647 | 153  | 11638    | 0.386 | ng/ul  | 99       |
| 12) Fluorene                | 15.633 | 166  | 12706    | 0.379 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.979 | 266  | 1523     | 0.442 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.384 | 178  | 19051    | 0.398 | ng/ul  | 100      |
| 16) Anthracene              | 17.477 | 178  | 18257    | 0.426 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.399 | 202  | 22380    | 0.396 | ng/ul  | 100      |
| 20) Pyrene                  | 19.762 | 202  | 23806    | 0.407 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.510 | 228  | 22335    | 0.413 | ng/ul  | 93       |
| 22) Chrysene                | 21.565 | 228  | 21742    | 0.398 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.229 | 252  | 23419    | 0.372 | ng/ul# | 78       |
| 25) Benzo(k)fluoranthene    | 23.278 | 252  | 23182    | 0.370 | ng/ul# | 79       |
| 26) Benzo(a)pyrene          | 23.884 | 252  | 20643    | 0.384 | ng/ul# | 75       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.586 | 276  | 28308    | 0.435 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.603 | 278  | 22890    | 0.433 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 27.401 | 276  | 23382    | 0.440 | ng/ul# | 87       |

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

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