

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032524\  
 Data File : BN030496.D  
 Acq On : 26 Mar 2024 00:47  
 Operator : MA/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.4364

Quant Time: Mar 26 01:14:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN032524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 25 13:38:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.724  | 152  | 8932     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.507 | 136  | 25599    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.359 | 164  | 14027    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.109 | 188  | 31707    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.299 | 240  | 22841    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.546 | 264  | 20744    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.218  | 96   | 4319     | 0.412 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.102 | 152  | 14812    | 0.411 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.138 | 212  | 30631    | 0.430 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.252  | 88   | 4484     | 0.413 | ng/u1  | 94       |
| 5) Naphthalene              | 10.557 | 128  | 29788    | 0.408 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.173 | 142  | 19464    | 0.411 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.393 | 142  | 20615    | 0.412 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.082 | 152  | 28759    | 0.404 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.424 | 153  | 22257    | 0.406 | ng/u1  | 98       |
| 12) Fluorene                | 15.414 | 166  | 25572    | 0.408 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.750 | 266  | 2319     | 0.389 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.147 | 178  | 43016    | 0.404 | ng/u1  | 99       |
| 16) Anthracene              | 17.239 | 178  | 36208    | 0.403 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.171 | 202  | 46389    | 0.427 | ng/u1  | 99       |
| 20) Pyrene                  | 19.533 | 202  | 45455    | 0.424 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.284 | 228  | 37117    | 0.394 | ng/u1  | 99       |
| 22) Chrysene                | 21.334 | 228  | 40768    | 0.409 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 22.871 | 252  | 37111    | 0.378 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 22.915 | 252  | 40916    | 0.408 | ng/u1  | 98       |
| 26) Benzo(a)pyrene          | 23.450 | 252  | 30390    | 0.387 | ng/u1  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.830 | 276  | 38011    | 0.399 | ng/u1  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.847 | 278  | 30443    | 0.400 | ng/u1  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.521 | 276  | 29926    | 0.363 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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