

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112622\  
 Data File : BN022876.D  
 Acq On : 26 Nov 2022 11:10  
 Operator : CG/JU  
 Sample : SST0.454  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.4211

Quant Time: Nov 28 03:01:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN112622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 28 02:35:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.070  | 152  | 7585     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.892 | 136  | 19702    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.710 | 164  | 9810     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.453 | 188  | 19303    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.636 | 240  | 12759    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.127 | 264  | 9292     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.412  | 96   | 3962     | 0.435 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.476 | 152  | 12304    | 0.410 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.476 | 212  | 19420    | 0.412 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.450  | 88   | 4138     | 0.436 | ng/u1  | 100      |
| 5) Naphthalene              | 10.942 | 128  | 25327    | 0.424 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.547 | 142  | 15187    | 0.406 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.767 | 142  | 15616    | 0.411 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.432 | 152  | 20308    | 0.420 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.775 | 153  | 15999    | 0.418 | ng/u1  | 100      |
| 12) Fluorene                | 15.756 | 166  | 17585    | 0.406 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.099 | 266  | 1537     | 0.381 | ng/u1# | 100      |
| 15) Phenanthrene            | 17.496 | 178  | 27477    | 0.415 | ng/u1  | 100      |
| 16) Anthracene              | 17.589 | 178  | 23277    | 0.409 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.508 | 202  | 26933    | 0.408 | ng/u1  | 100      |
| 20) Pyrene                  | 19.871 | 202  | 26194    | 0.406 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.619 | 228  | 19949    | 0.409 | ng/u1  | 100      |
| 22) Chrysene                | 21.674 | 228  | 22347    | 0.418 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.364 | 252  | 19546    | 0.415 | ng/u1  | 100      |
| 25) Benzo(k)fluoranthene    | 23.413 | 252  | 20907    | 0.420 | ng/u1  | 100      |
| 26) Benzo(a)pyrene          | 24.013 | 252  | 15130    | 0.422 | ng/u1  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.741 | 276  | 19774    | 0.464 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.761 | 278  | 15631    | 0.462 | ng/u1  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.540 | 276  | 17734    | 0.477 | ng/u1  | 100      |
| -----                       |        |      |          |       |        |          |

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

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