

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100622\  
 Data File : BM036843.D  
 Acq On : 06 Oct 2022 14:34  
 Operator : CG/JU  
 Sample : SST0.469  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.4024

Quant Time: Oct 06 16:14:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 06 16:12:30 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.972  | 152  | 5636     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.776 | 136  | 18515    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.594 | 164  | 10152    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.331 | 188  | 21034    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.496 | 240  | 18438    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.902 | 264  | 15990    | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.357  | 96   | 3134     | 0.383 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.360 | 152  | 10983    | 0.380 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.350 | 212  | 21939    | 0.382 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.390  | 88   | 3043     | 0.391 | ng/ul#  | 88       |
| 5) Naphthalene              | 10.825 | 128  | 20989    | 0.414 | ng/ul   | 97       |
| 7) 2-Methylnaphthalene      | 12.431 | 142  | 12967    | 0.417 | ng/ul   | 93       |
| 8) 1-Methylnaphthalene      | 12.651 | 142  | 13123    | 0.416 | ng/ul   | 100      |
| 10) Acenaphthylene          | 14.317 | 152  | 16668    | 0.433 | ng/ul   | 98       |
| 11) Acenaphthene            | 14.655 | 153  | 14702    | 0.431 | ng/ul   | 99       |
| 12) Fluorene                | 15.635 | 166  | 16564    | 0.437 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 16.989 | 266  | 1923     | 0.508 | ng/ul   | 97       |
| 15) Phenanthrene            | 17.369 | 178  | 26809    | 0.437 | ng/ul   | 99       |
| 16) Anthracene              | 17.462 | 178  | 22324    | 0.433 | ng/ul   | 98       |
| 19) Fluoranthene            | 19.378 | 202  | 29428    | 0.444 | ng/ul   | 99       |
| 20) Pyrene                  | 19.741 | 202  | 30797    | 0.450 | ng/ul   | 98       |
| 21) Benzo(a)anthracene      | 21.481 | 228  | 26425    | 0.474 | ng/ul   | 98       |
| 22) Chrysene                | 21.534 | 228  | 28708    | 0.461 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.168 | 252  | 28391    | 0.446 | ng/ul   | 94       |
| 25) Benzo(k)fluoranthene    | 23.218 | 252  | 27620    | 0.435 | ng/ul   | 93       |
| 26) Benzo(a)pyrene          | 23.794 | 252  | 23387    | 0.449 | ng/ul#  | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.399 | 276  | 32663    | 0.528 | ng/ul#  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.419 | 278  | 26444    | 0.498 | ng/ul#  | 90       |
| 29) Benzo(g,h,i)perylene    | 27.164 | 276  | 28957    | 0.490 | ng/ul   | 98       |
| -----                       |        |      |          |       |         |          |

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

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