

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083022\  
 Data File : BM036454.D  
 Acq On : 29 Aug 2022 15:13  
 Operator : CG/JU  
 Sample : SST0.463  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.4017

Quant Time: Aug 29 16:18:31 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM083022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 16:16:27 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.746  | 152  | 3999     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.541 | 136  | 14971    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.391 | 164  | 8410     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.133 | 188  | 18559    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.321 | 240  | 16811    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.621 | 264  | 14159    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 2411     | 0.448 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.141 | 152  | 9464     | 0.395 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.165 | 212  | 20497    | 0.987 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.181  | 88   | 2162     | 0.425 | ng/ul  | 93       |
| 5) Naphthalene              | 10.590 | 128  | 16255    | 0.385 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.212 | 142  | 10094    | 0.399 | ng/ul  | 93       |
| 8) 1-Methylnaphthalene      | 12.432 | 142  | 10278    | 0.400 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.113 | 152  | 12810    | 0.368 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.451 | 153  | 11368    | 0.404 | ng/ul  | 99       |
| 12) Fluorene                | 15.441 | 166  | 12827    | 0.389 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.803 | 266  | 1322     | 0.360 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.175 | 178  | 21685    | 0.327 | ng/ul  | 99       |
| 16) Anthracene              | 17.272 | 178  | 18373    | 0.349 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.197 | 202  | 23549    | 0.401 | ng/ul  | 98       |
| 20) Pyrene                  | 19.560 | 202  | 24357    | 0.399 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.306 | 228  | 20068    | 0.288 | ng/ul  | 99       |
| 22) Chrysene                | 21.359 | 228  | 22662    | 0.237 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.919 | 252  | 22009    | 0.214 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 22.966 | 252  | 22021    | 0.212 | ng/ul# | 89       |
| 26) Benzo(a)pyrene          | 23.519 | 252  | 17815    | 0.273 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.993 | 276  | 21274    | 0.432 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.014 | 278  | 18265    | 0.437 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 26.718 | 276  | 20463    | 0.459 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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