

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
 Data File : BM045422.D  
 Acq On : 20 Apr 2024 13:42  
 Operator : MA/JU  
 Sample : SST0.121  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.1029

Quant Time: Apr 21 05:04:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 20 17:19:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.585  | 152  | 687      | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.435 | 136  | 1924     | 0.400 | ng/ul # | 0.06     |
| 9) Acenaphthene-d10         | 14.251 | 164  | 1056     | 0.400 | ng/ul   | 0.02     |
| 13) Phenanthrene-d10        | 17.026 | 188  | 2072     | 0.400 | ng/ul   | 0.02     |
| 17) Chrysene-d12            | 21.228 | 240  | 1626     | 0.400 | ng/ul   | 0.01     |
| 23) Perylene-d12            | 23.423 | 264  | 2250     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul   |          |
| 6) 2-Methylnaphthalene-d10  | 12.063 | 152  | 243      | 0.096 | ng/ul   | 0.08     |
| 18) Fluoranthene-d10        | 19.061 | 212  | 471      | 0.092 | ng/ul   | 0.02     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.490 | 128  | 524      | 0.101 | ng/ul#  | 41       |
| 7) 2-Methylnaphthalene      | 12.129 | 142  | 266      | 0.090 | ng/ul   | 91       |
| 8) 1-Methylnaphthalene      | 12.316 | 142  | 327      | 0.099 | ng/ul   | 95       |
| 10) Acenaphthylene          | 13.992 | 152  | 532      | 0.100 | ng/ul#  | 61       |
| 11) Acenaphthene            | 14.311 | 153  | 386      | 0.097 | ng/ul   | 92       |
| 12) Fluorene                | 15.352 | 166  | 398      | 0.094 | ng/ul#  | 93       |
| 15) Phenanthrene            | 17.068 | 178  | 606      | 0.101 | ng/ul#  | 75       |
| 16) Anthracene              | 17.187 | 178  | 559      | 0.100 | ng/ul#  | 67       |
| 19) Fluoranthene            | 19.094 | 202  | 729      | 0.097 | ng/ul#  | 68       |
| 20) Pyrene                  | 19.456 | 202  | 774      | 0.100 | ng/ul#  | 71       |
| 21) Benzo(a)anthracene      | 21.231 | 228  | 445      | 0.086 | ng/ul#  | 88       |
| 22) Chrysene                | 21.263 | 228  | 918      | 0.115 | ng/ul#  | 88       |
| 24) Benzo(b)fluoranthene    | 22.774 | 252  | 715      | 0.094 | ng/ul   | 61       |
| 25) Benzo(k)fluoranthene    | 22.821 | 252  | 994      | 0.104 | ng/ul#  | 54       |
| 26) Benzo(a)pyrene          | 23.359 | 252  | 830      | 0.106 | ng/ul#  | 42       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.679 | 276  | 1161     | 0.102 | ng/ul#  | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.706 | 278  | 924      | 0.102 | ng/ul#  | 52       |
| 29) Benzo(g,h,i)perylene    | 26.326 | 276  | 1075     | 0.105 | ng/ul#  | 73       |
| -----                       |        |      |          |       |         |          |

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

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