

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103124\  
 Data File : BM048351.D  
 Acq On : 31 Oct 2024 10:55  
 Operator : RC/JU  
 Sample : SSTD0.199  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.1029

Quant Time: Oct 31 14:50:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 31 14:50:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.720  | 152  | 4047     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.535 | 136  | 11324    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.368 | 164  | 6949     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.120 | 188  | 15208    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.295 | 240  | 14734    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.533 | 264  | 15209    | 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  | 12.152 | 152  | 1484     | 0.095 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.141 | 212  | 3837     | 0.091 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.590 | 128  | 3172     | 0.103 | ng/ul# | 86       |
| 7) 2-Methylnaphthalene      | 12.223 | 142  | 1871     | 0.106 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.427 | 142  | 1946     | 0.097 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.095 | 152  | 2785     | 0.089 | ng/ul# | 87       |
| 11) Acenaphthene            | 14.433 | 153  | 2221     | 0.098 | ng/ul  | 97       |
| 12) Fluorene                | 15.432 | 166  | 2480     | 0.101 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.162 | 178  | 3838     | 0.099 | ng/ul# | 93       |
| 16) Anthracene              | 17.264 | 178  | 3547     | 0.098 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.174 | 202  | 5359     | 0.094 | ng/ul# | 93       |
| 20) Pyrene                  | 19.536 | 202  | 5836     | 0.095 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.283 | 228  | 4641     | 0.101 | ng/ul  | 96       |
| 22) Chrysene                | 21.330 | 228  | 7208     | 0.106 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.864 | 252  | 5806     | 0.100 | ng/ul  | 71       |
| 25) Benzo(k)fluoranthene    | 22.908 | 252  | 6837     | 0.098 | ng/ul# | 68       |
| 26) Benzo(a)pyrene          | 23.443 | 252  | 5309     | 0.108 | ng/ul# | 60       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.829 | 276  | 7490     | 0.103 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.836 | 278  | 5835     | 0.104 | ng/ul# | 67       |
| 29) Benzo(g,h,i)perylene    | 26.510 | 276  | 6403     | 0.105 | ng/ul# | 89       |
| -----                       |        |      |          |       |        |          |

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

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