

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031124\  
 Data File : BM044571.D  
 Acq On : 11 Mar 2024 10:30  
 Operator : MA/JU  
 Sample : SSTD0.109  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.1015

Quant Time: Mar 11 12:23:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM031124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 12:23:17 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.723  | 152  | 6837     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.506 | 136  | 21905    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.368 | 164  | 11956    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.128 | 188  | 26642    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.318 | 240  | 17815    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.574 | 264  | 18324    | 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  | 12.118 | 152  | 3031     | 0.100 | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 19.160 | 212  | 6242     | 0.114 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.556 | 128  | 6205     | 0.098 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.195 | 142  | 3793     | 0.096 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.404 | 142  | 3832     | 0.096 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.090 | 152  | 6150     | 0.097 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.432 | 153  | 4455     | 0.097 | ng/ul  | 99       |
| 12) Fluorene                | 15.436 | 166  | 4982     | 0.096 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.171 | 178  | 7918     | 0.096 | ng/ul  | 97       |
| 16) Anthracene              | 17.272 | 178  | 7348     | 0.091 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.192 | 202  | 8665     | 0.106 | ng/ul  | 97       |
| 20) Pyrene                  | 19.555 | 202  | 9132     | 0.107 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.306 | 228  | 6486     | 0.084 | ng/ul  | 99       |
| 22) Chrysene                | 21.353 | 228  | 8006     | 0.095 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.899 | 252  | 6881     | 0.094 | ng/ul# | 68       |
| 25) Benzo(k)fluoranthene    | 22.943 | 252  | 7933     | 0.100 | ng/ul# | 74       |
| 26) Benzo(a)pyrene          | 23.486 | 252  | 6521     | 0.097 | ng/ul# | 36       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.876 | 276  | 7159     | 0.085 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.913 | 278  | 5462     | 0.082 | ng/ul# | 78       |
| 29) Benzo(g,h,i)perylene    | 26.560 | 276  | 6519     | 0.087 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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