

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071024\  
 Data File : BM046499.D  
 Acq On : 10 Jul 2024 13:37  
 Operator : MA/JU  
 Sample : SSTD0.169  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.1036

Quant Time: Jul 10 15:38:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 15:36:21 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.518  | 152  | 2854     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.282 | 136  | 7247     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.164 | 164  | 4784     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.913 | 188  | 9881     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.122 | 240  | 8301     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.270 | 264  | 9273     | 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  | 11.882 | 152  | 1190     | 0.107 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.951 | 212  | 2659     | 0.092 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.332 | 128  | 1918     | 0.099 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.954 | 142  | 1345     | 0.102 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.179 | 142  | 1355     | 0.100 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.878 | 152  | 2243     | 0.093 | ng/ul  | 94       |
| 11) Acenaphthene            | 14.224 | 153  | 1476     | 0.094 | ng/ul  | 96       |
| 12) Fluorene                | 15.219 | 166  | 1846     | 0.098 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.955 | 178  | 2922     | 0.098 | ng/ul# | 92       |
| 16) Anthracene              | 17.048 | 178  | 2860     | 0.099 | ng/ul  | 95       |
| 19) Fluoranthene            | 18.983 | 202  | 3794     | 0.092 | ng/ul# | 92       |
| 20) Pyrene                  | 19.346 | 202  | 4299     | 0.101 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.105 | 228  | 4131     | 0.110 | ng/ul  | 99       |
| 22) Chrysene                | 21.157 | 228  | 3995     | 0.108 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.633 | 252  | 4213     | 0.106 | ng/ul# | 78       |
| 25) Benzo(k)fluoranthene    | 22.677 | 252  | 4032     | 0.101 | ng/ul# | 77       |
| 26) Benzo(a)pyrene          | 23.177 | 252  | 3243     | 0.103 | ng/ul# | 69       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.400 | 276  | 4730     | 0.108 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.423 | 278  | 3776     | 0.111 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 26.044 | 276  | 3726     | 0.107 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

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

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