

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
 Data File : BM046381.D  
 Acq On : 05 Jul 2024 14:06  
 Operator : MA/JU  
 Sample : SST0.866  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.8032

Quant Time: Jul 05 14:56:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 14:54:52 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.539  | 152  | 3279     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.304 | 136  | 8664     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.183 | 164  | 5121     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.934 | 188  | 10307    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.143 | 240  | 7194     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.302 | 264  | 7374     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 2838     | 0.669 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.904 | 152  | 10772    | 0.926 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.974 | 212  | 20572    | 0.965 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.164  | 88   | 3134     | 0.673 | ng/ul  | 94       |
| 5) Naphthalene              | 10.354 | 128  | 19320    | 0.821 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.981 | 142  | 13215    | 0.964 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.201 | 142  | 13572    | 0.915 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.896 | 152  | 21816    | 0.909 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.248 | 153  | 14277    | 0.839 | ng/ul  | 99       |
| 12) Fluorene                | 15.242 | 166  | 17054    | 0.919 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.584 | 266  | 2496     | 0.834 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.977 | 178  | 26243    | 0.916 | ng/ul  | 99       |
| 16) Anthracene              | 17.065 | 178  | 25501    | 1.129 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.002 | 202  | 29883    | 0.968 | ng/ul  | 99       |
| 20) Pyrene                  | 19.365 | 202  | 30544    | 0.924 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.128 | 228  | 26404    | 0.950 | ng/ul  | 100      |
| 22) Chrysene                | 21.178 | 228  | 25894    | 0.764 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.662 | 252  | 25576    | 0.961 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.706 | 252  | 25886    | 0.839 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.209 | 252  | 20818    | 0.869 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.450 | 276  | 27755    | 0.725 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.480 | 278  | 21557    | 0.752 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.097 | 276  | 21929    | 0.673 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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