

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071024\  
 Data File : BM046500.D  
 Acq On : 10 Jul 2024 14:14  
 Operator : MA/JU  
 Sample : SSTD0.270  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.2037

Quant Time: Jul 10 15:39:01 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  | 2215     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.281 | 136  | 5327     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.163 | 164  | 3318     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.912 | 188  | 6934     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.120 | 240  | 5939     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.271 | 264  | 7264     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96   | 377      | 0.170 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.881 | 152  | 1673     | 0.206 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.954 | 212  | 3640     | 0.176 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.155  | 88   | 362      | 0.146 | ng/ul# | 77       |
| 5) Naphthalene              | 10.325 | 128  | 2660     | 0.187 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.953 | 142  | 1872     | 0.193 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.178 | 142  | 1930     | 0.194 | ng/ul  | 96       |
| 10) Acenaphthylene          | 13.876 | 152  | 2993     | 0.179 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.223 | 153  | 2031     | 0.186 | ng/ul  | 99       |
| 12) Fluorene                | 15.218 | 166  | 2467     | 0.189 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.570 | 266  | 742      | 0.311 | ng/ul  | 97       |
| 15) Phenanthrene            | 16.954 | 178  | 3909     | 0.187 | ng/ul  | 96       |
| 16) Anthracene              | 17.047 | 178  | 3815     | 0.188 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.982 | 202  | 4822     | 0.163 | ng/ul# | 94       |
| 20) Pyrene                  | 19.345 | 202  | 5269     | 0.173 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.105 | 228  | 5276     | 0.197 | ng/ul  | 99       |
| 22) Chrysene                | 21.155 | 228  | 5160     | 0.195 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.631 | 252  | 5822     | 0.188 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 22.674 | 252  | 5646     | 0.181 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.174 | 252  | 4772     | 0.193 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.397 | 276  | 7284     | 0.212 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.420 | 278  | 5834     | 0.219 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 26.044 | 276  | 5859     | 0.215 | ng/ul# | 93       |

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

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