

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050324\  
 Data File : BM045675.D  
 Acq On : 02 May 2024 19:22  
 Operator : MA/JU  
 Sample : SSTD1.631  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6040

Quant Time: May 03 03:24:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM050324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 03 03:08:58 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.542  | 152  | 240      | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.303 | 136  | 746      | 0.400 | ng/ul  | #-0.04   |
| 9) Acenaphthene-d10         | 14.183 | 164  | 466      | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.955 | 188  | 1079     | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.169 | 240  | 1117     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.364 | 264  | 1546     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.146  | 96   | 383      | 1.246 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.909 | 152  | 1798     | 1.792 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.992 | 212  | 4554     | 1.366 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.179  | 88   | 426      | 1.372 | ng/ul# | 81       |
| 5) Naphthalene              | 10.352 | 128  | 2878     | 1.486 | ng/ul# | 69       |
| 7) 2-Methylnaphthalene      | 11.986 | 142  | 1895     | 1.705 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.200 | 142  | 2011     | 1.603 | ng/ul  | 94       |
| 10) Acenaphthylene          | 13.905 | 152  | 3091     | 1.400 | ng/ul# | 83       |
| 11) Acenaphthene            | 14.247 | 153  | 2279     | 1.393 | ng/ul  | 95       |
| 12) Fluorene                | 15.251 | 166  | 2669     | 1.496 | ng/ul# | 93       |
| 14) Pentachlorophenol       | 16.626 | 266  | 312      | 1.536 | ng/ul# | 92       |
| 15) Phenanthrene            | 16.997 | 178  | 4299     | 1.415 | ng/ul# | 87       |
| 16) Anthracene              | 17.099 | 178  | 4100     | 1.430 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.025 | 202  | 5580     | 1.167 | ng/ul# | 86       |
| 20) Pyrene                  | 19.397 | 202  | 5805     | 1.174 | ng/ul# | 87       |
| 21) Benzo(a)anthracene      | 21.157 | 228  | 5762     | 1.689 | ng/ul  | 93       |
| 22) Chrysene                | 21.210 | 228  | 6685     | 1.289 | ng/ul  | 93       |
| 24) Benzo(b)fluoranthene    | 22.703 | 252  | 7221     | 1.452 | ng/ul  | 84       |
| 25) Benzo(k)fluoranthene    | 22.747 | 252  | 8253     | 1.326 | ng/ul# | 82       |
| 26) Benzo(a)pyrene          | 23.270 | 252  | 7515     | 1.457 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.527 | 276  | 10566    | 1.413 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.550 | 278  | 8574     | 1.451 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.198 | 276  | 9051     | 1.355 | ng/ul# | 87       |

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

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