

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082724\  
 Data File : BN033633.D  
 Acq On : 27 Aug 2024 13:00  
 Operator : MA/JU  
 Sample : SSTD0.822  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.8205

Quant Time: Aug 27 23:37:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 23:34:19 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.540  | 152  | 2231     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.299 | 136  | 5756     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.179 | 164  | 2934     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.927 | 188  | 5473     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.138 | 240  | 4755     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.301 | 264  | 4878     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.148  | 96   | 1866     | 0.814 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.900 | 152  | 6636     | 0.804 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.966 | 212  | 11388    | 0.803 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.181  | 88   | 2036     | 0.800 | ng/ul  | 93       |
| 5) Naphthalene              | 10.349 | 128  | 12587    | 0.818 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.971 | 142  | 7937     | 0.814 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.197 | 142  | 8073     | 0.805 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.892 | 152  | 10686    | 0.802 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.239 | 153  | 7792     | 0.810 | ng/ul  | 99       |
| 12) Fluorene                | 15.234 | 166  | 8619     | 0.802 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.585 | 266  | 1334     | 0.775 | ng/ul  | 97       |
| 15) Phenanthrene            | 16.970 | 178  | 13074    | 0.810 | ng/ul  | 100      |
| 16) Anthracene              | 17.058 | 178  | 11847    | 0.816 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.994 | 202  | 14717    | 0.784 | ng/ul  | 96       |
| 20) Pyrene                  | 19.361 | 202  | 15561    | 0.781 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.121 | 228  | 14170    | 0.757 | ng/ul  | 99       |
| 22) Chrysene                | 21.174 | 228  | 14263    | 0.754 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.658 | 252  | 15065    | 0.796 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.702 | 252  | 14552m   | 0.767 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.210 | 252  | 12073    | 0.794 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.455 | 276  | 17974    | 0.787 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.472 | 278  | 13952    | 0.787 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.102 | 276  | 14212    | 0.796 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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