

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
 Data File : BM046047.D  
 Acq On : 18 Jun 2024 12:42  
 Operator : MA/JU  
 Sample : SSTD1.655  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6019

Quant Time: Jun 18 13:55:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 18 12:39:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.459  | 152  | 2436     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.227 | 136  | 6853     | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.095 | 164  | 3596     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.850 | 188  | 7283     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.038 | 240  | 5861     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.145 | 264  | 7814     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.042  | 96   | 4786     | 1.613 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.827 | 152  | 14624    | 1.490 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.877 | 212  | 28233    | 1.581 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.071  | 88   | 5488     | 1.597 | ng/ul# | 75       |
| 5) Naphthalene              | 10.277 | 128  | 29166    | 1.593 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 11.904 | 142  | 17279    | 1.515 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.119 | 142  | 18368    | 1.476 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.817 | 152  | 27318    | 1.632 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.160 | 153  | 19440    | 1.585 | ng/ul  | 98       |
| 12) Fluorene                | 15.159 | 166  | 21823    | 1.603 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.538 | 266  | 3112     | 2.000 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.888 | 178  | 32860    | 1.580 | ng/ul  | 96       |
| 16) Anthracene              | 16.985 | 178  | 28037    | 1.628 | ng/ul  | 95       |
| 19) Fluoranthene            | 18.909 | 202  | 40476    | 1.673 | ng/ul  | 97       |
| 20) Pyrene                  | 19.272 | 202  | 42884    | 1.682 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.023 | 228  | 36199    | 1.632 | ng/ul  | 98       |
| 22) Chrysene                | 21.073 | 228  | 41926    | 1.685 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.516 | 252  | 44966    | 1.682 | ng/ul  | 85       |
| 25) Benzo(k)fluoranthene    | 22.557 | 252  | 48109    | 1.613 | ng/ul# | 83       |
| 26) Benzo(a)pyrene          | 23.051 | 252  | 39338    | 1.493 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.199 | 276  | 62141    | 1.746 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.209 | 278  | 46421    | 1.658 | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 25.819 | 276  | 52001    | 1.702 | ng/ul  | 95       |

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

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