

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061423\  
 Data File : BM040235.D  
 Acq On : 14 Jun 2023 12:40  
 Operator : MA/JU  
 Sample : SSTD0.182  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.1015

Quant Time: Jun 15 00:20:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:19:21 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.974  | 152  | 12753    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.788 | 136  | 44834    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.613 | 164  | 23673    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.356 | 188  | 47399    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.530 | 240  | 40212    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.956 | 264  | 38941    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.371 | 152  | 5594     | 0.098 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.378 | 212  | 9763     | 0.097 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.837 | 128  | 10540    | 0.099 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.443 | 142  | 6428     | 0.097 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.663 | 142  | 6737     | 0.097 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.335 | 152  | 8303     | 0.100 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.673 | 153  | 7004     | 0.099 | ng/ul  | 99       |
| 12) Fluorene                | 15.658 | 166  | 7740     | 0.098 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.398 | 178  | 12522    | 0.100 | ng/ul  | 98       |
| 16) Anthracene              | 17.487 | 178  | 10171    | 0.096 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.406 | 202  | 13603    | 0.099 | ng/ul  | 96       |
| 20) Pyrene                  | 19.768 | 202  | 14557    | 0.102 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.512 | 228  | 12549    | 0.106 | ng/ul  | 99       |
| 22) Chrysene                | 21.568 | 228  | 13266    | 0.106 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 14303    | 0.100 | ng/ul# | 61       |
| 25) Benzo(k)fluoranthene    | 23.263 | 252  | 13387    | 0.099 | ng/ul# | 71       |
| 26) Benzo(a)pyrene          | 23.848 | 252  | 12229    | 0.104 | ng/ul# | 45       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.474 | 276  | 14922    | 0.100 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.494 | 278  | 11902    | 0.099 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.252 | 276  | 12497    | 0.100 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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