

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013124\  
 Data File : BM043934.D  
 Acq On : 31 Jan 2024 14:08  
 Operator : MA/JU  
 Sample : SSTD1.601  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD1.6005

Quant Time: Jan 31 22:45:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 15:16:31 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.926  | 152  | 7624     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 20510    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.566 | 164  | 9721     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.317 | 188  | 19870    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.517 | 240  | 14796    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.929 | 264  | 16077    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.365  | 96   | 15429    | 1.573 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 43511    | 1.618 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.349 | 212  | 75220    | 1.619 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.398  | 88   | 16509    | 1.604 | ng/ul# | 85       |
| 5) Naphthalene              | 10.776 | 128  | 93872    | 1.597 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.393 | 142  | 56665    | 1.616 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 56019    | 1.611 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.288 | 152  | 84717    | 1.606 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.630 | 153  | 58309    | 1.596 | ng/ul  | 98       |
| 12) Fluorene                | 15.616 | 166  | 64611    | 1.611 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.959 | 266  | 7480     | 1.591 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.360 | 178  | 98642    | 1.629 | ng/ul  | 100      |
| 16) Anthracene              | 17.452 | 178  | 93374    | 1.625 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.382 | 202  | 110877   | 1.627 | ng/ul  | 100      |
| 20) Pyrene                  | 19.744 | 202  | 111145   | 1.586 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.503 | 228  | 101809   | 1.648 | ng/ul  | 99       |
| 22) Chrysene                | 21.555 | 228  | 102430   | 1.583 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.195 | 252  | 101029   | 1.643 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.245 | 252  | 106663   | 1.641 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.821 | 252  | 92082    | 1.644 | ng/ul  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 119932   | 1.663 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.457 | 278  | 96150    | 1.671 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.191 | 276  | 102089   | 1.640 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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