

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012623\  
 Data File : BM038561.D  
 Acq On : 26 Jan 2023 23:09  
 Operator : CG/JU  
 Sample : PB150406BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS406

Quant Time: Jan 27 00:45:33 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM012623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 00:18:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.967  | 152  | 1214     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.774 | 136  | 2979     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164  | 1705     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.341 | 188  | 3471     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.513 | 240  | 3594     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.927 | 264  | 4630     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.343  | 96   | 982      | 0.616 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 1443     | 0.312 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.366 | 212  | 3256     | 0.317 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.376  | 88   | 2545     | 1.573 | ng/ul# | 22       |
| 5) Naphthalene              | 10.823 | 128  | 2534     | 0.262 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.434 | 142  | 1545     | 0.302 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.649 | 142  | 1660     | 0.314 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.324 | 152  | 2369     | 0.315 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.661 | 153  | 1785     | 0.312 | ng/ul  | 99       |
| 12) Fluorene                | 15.647 | 166  | 2052     | 0.287 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.999 | 266  | 854      | 0.604 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.384 | 178  | 3191     | 0.284 | ng/ul  | 96       |
| 16) Anthracene              | 17.476 | 178  | 3004     | 0.314 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.394 | 202  | 4059     | 0.317 | ng/ul  | 99       |
| 20) Pyrene                  | 19.757 | 202  | 4352     | 0.316 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.498 | 228  | 4222     | 0.331 | ng/ul  | 99       |
| 22) Chrysene                | 21.551 | 228  | 4455     | 0.347 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.187 | 252  | 5859     | 0.336 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.237 | 252  | 5799     | 0.343 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.819 | 252  | 5495     | 0.351 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.434 | 276  | 8759     | 0.398 | ng/ul# | 65       |
| 28) Dibenzo(a,h)anthracene  | 26.455 | 278  | 7002     | 0.400 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.213 | 276  | 7883     | 0.412 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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