

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012623\  
 Data File : BM038556.D  
 Acq On : 26 Jan 2023 20:03  
 Operator : CG/JU  
 Sample : PB150402BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS402

Quant Time: Jan 27 00:44:49 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  | 1305     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.779 | 136  | 3216     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164  | 1843     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.341 | 188  | 3633     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.515 | 240  | 3483     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.927 | 264  | 4617     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.343  | 96   | 1045     | 0.610 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 1423     | 0.285 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.366 | 212  | 2955     | 0.297 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.376  | 88   | 2563     | 1.474 | ng/ul# | 23       |
| 5) Naphthalene              | 10.829 | 128  | 2428     | 0.232 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.434 | 142  | 1503     | 0.272 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.654 | 142  | 1561     | 0.274 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.324 | 152  | 2245     | 0.276 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.661 | 153  | 1677     | 0.271 | ng/ul  | 98       |
| 12) Fluorene                | 15.647 | 166  | 1922     | 0.248 | ng/ul  | 96       |
| 14) Pentachlorophenol       | 16.999 | 266  | 705      | 0.476 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.384 | 178  | 2876     | 0.245 | ng/ul  | 97       |
| 16) Anthracene              | 17.476 | 178  | 2672     | 0.267 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.394 | 202  | 3405     | 0.274 | ng/ul  | 99       |
| 20) Pyrene                  | 19.757 | 202  | 3552     | 0.266 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.501 | 228  | 3304     | 0.267 | ng/ul  | 98       |
| 22) Chrysene                | 21.553 | 228  | 3376     | 0.272 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.190 | 252  | 4366     | 0.251 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.240 | 252  | 4410     | 0.261 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.822 | 252  | 4261     | 0.273 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.441 | 276  | 6600     | 0.300 | ng/ul# | 66       |
| 28) Dibenzo(a,h)anthracene  | 26.451 | 278  | 5294     | 0.303 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.216 | 276  | 5912     | 0.310 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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