

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120524\  
 Data File : BM048903.D  
 Acq On : 07 Dec 2024 18:46  
 Operator : RC/JU  
 Sample : PB165452BS  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS452

Quant Time: Dec 08 21:48:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM120324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 00:05:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.590  | 152  | 5517     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.352 | 136  | 15750    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.223 | 164  | 9073     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.971 | 188  | 18503    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.167 | 240  | 12180    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.341 | 264  | 10968    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96   | 4487     | 0.637 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.952 | 152  | 7965     | 0.420 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.005 | 212  | 15602    | 0.415 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.193  | 88   | 12705    | 1.523 | ng/ul# | 76       |
| 5) Naphthalene              | 10.402 | 128  | 14327    | 0.360 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.029 | 142  | 8975     | 0.390 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.249 | 142  | 9156     | 0.376 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.941 | 152  | 13517    | 0.340 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.288 | 153  | 10460    | 0.364 | ng/ul  | 98       |
| 12) Fluorene                | 15.278 | 166  | 11583    | 0.390 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.625 | 266  | 1849     | 1.156 | ng/ul# | 1        |
| 15) Phenanthrene            | 17.013 | 178  | 18411    | 0.392 | ng/ul  | 97       |
| 16) Anthracene              | 17.106 | 178  | 15850    | 0.379 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.033 | 202  | 20493    | 0.366 | ng/ul  | 99       |
| 20) Pyrene                  | 19.396 | 202  | 20877    | 0.358 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.152 | 228  | 14546    | 0.423 | ng/ul  | 98       |
| 22) Chrysene                | 21.204 | 228  | 18536    | 0.341 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.695 | 252  | 15224    | 0.494 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 22.739 | 252  | 17254    | 0.400 | ng/ul  | 95       |
| 26) Benzo(a)pyrene          | 23.247 | 252  | 12690    | 0.402 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.497 | 276  | 16763    | 0.402 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.514 | 278  | 12826    | 0.411 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 26.148 | 276  | 13975    | 0.386 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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