

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110723\  
 Data File : BM042661.D  
 Acq On : 08 Nov 2023 22:11  
 Operator : MA/JU  
 Sample : PB156830BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS830

Quant Time: Nov 08 22:56:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 07 02:23:03 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.864  | 152  | 752      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.673 | 136  | 2038     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.511 | 164  | 1088     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.264 | 188  | 2117     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.447 | 240  | 1589     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.829 | 264  | 1918     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.202  | 96   | 814      | 0.819 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.267 | 152  | 864      | 0.304 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.290 | 212  | 1953     | 0.355 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.235  | 88   | 2531     | 2.143 | ng/ul# | 59       |
| 5) Naphthalene              | 10.728 | 128  | 2130     | 0.324 | ng/ul  | 93       |
| 7) 2-Methylnaphthalene      | 12.339 | 142  | 1297     | 0.307 | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.559 | 142  | 1263     | 0.295 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.238 | 152  | 2401     | 0.323 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.571 | 153  | 1687     | 0.334 | ng/ul  | 97       |
| 12) Fluorene                | 15.566 | 166  | 1869     | 0.323 | ng/ul# | 99       |
| 14) Pentachlorophenol       | 16.905 | 266  | 775      | 0.718 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.306 | 178  | 2858     | 0.348 | ng/ul  | 98       |
| 16) Anthracene              | 17.403 | 178  | 2349     | 0.316 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.323 | 202  | 3380     | 0.340 | ng/ul  | 98       |
| 20) Pyrene                  | 19.690 | 202  | 3750     | 0.343 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.432 | 228  | 2285     | 0.323 | ng/ul  | 99       |
| 22) Chrysene                | 21.482 | 228  | 2582     | 0.353 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.089 | 252  | 2734     | 0.353 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.139 | 252  | 3001     | 0.370 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.721 | 252  | 3065     | 0.382 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.312 | 276  | 3857     | 0.370 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.332 | 278  | 2862     | 0.384 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.080 | 276  | 3554     | 0.367 | ng/ul  | 99       |

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

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