

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020823\  
 Data File : BM038718.D  
 Acq On : 08 Feb 2023 13:33  
 Operator : CG/JU  
 Sample : PB150699BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS699

Quant Time: Feb 08 23:56:38 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 07 14:57:50 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.912  | 152  | 1771     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.718 | 136  | 4832     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.546 | 164  | 3504     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.291 | 188  | 7150     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.466 | 240  | 5272     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.848 | 264  | 6137     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 991      | 0.530 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.308 | 152  | 2405     | 0.287 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.315 | 212  | 4669     | 0.303 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.322  | 88   | 2397     | 1.344 | ng/ul# | 89       |
| 5) Naphthalene              | 10.768 | 128  | 3279     | 0.277 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.379 | 142  | 2374     | 0.280 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.599 | 142  | 2533     | 0.293 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.273 | 152  | 4091     | 0.274 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.610 | 153  | 3187     | 0.281 | ng/ul  | 100      |
| 12) Fluorene                | 15.596 | 166  | 3768     | 0.278 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.953 | 266  | 838      | 0.423 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.333 | 178  | 5934     | 0.278 | ng/ul  | 99       |
| 16) Anthracene              | 17.426 | 178  | 5325     | 0.271 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.343 | 202  | 6134     | 0.294 | ng/ul  | 98       |
| 20) Pyrene                  | 19.710 | 202  | 6470     | 0.290 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.451 | 228  | 4830     | 0.274 | ng/ul  | 99       |
| 22) Chrysene                | 21.504 | 228  | 4981     | 0.270 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.120 | 252  | 6397     | 0.289 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.167 | 252  | 6267     | 0.285 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.743 | 252  | 5498     | 0.277 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.320 | 276  | 7678     | 0.249 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.337 | 278  | 6006     | 0.248 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.088 | 276  | 6841     | 0.248 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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