

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031307.D  
 Acq On : 31 Jul 2021 12:02  
 Operator : CG/JU  
 Sample : PB137950BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS950

Quant Time: Aug 02 01:07:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 30 14:16:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.611  | 152  | 1189     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.370 | 136  | 4235     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.239 | 164  | 2354     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.989 | 188  | 4589     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.176 | 240  | 3541     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.341 | 264  | 3514     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.203  | 96   | 814      | 0.616 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.966 | 152  | 2393     | 0.335 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.016 | 212  | 4453     | 0.377 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.234  | 88   | 2183     | 1.636 | ng/ul# | 85       |
| 5) Naphthalene              | 10.419 | 128  | 4295     | 0.340 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.043 | 142  | 2869     | 0.333 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.263 | 142  | 2672     | 0.314 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.959 | 152  | 3526     | 0.352 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.299 | 153  | 2915     | 0.345 | ng/ul  | 99       |
| 12) Fluorene                | 15.293 | 166  | 3196     | 0.329 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.642 | 266  | 946      | 0.644 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.027 | 178  | 4961     | 0.340 | ng/ul  | 98       |
| 16) Anthracene              | 17.120 | 178  | 4660     | 0.342 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.050 | 202  | 5466     | 0.362 | ng/ul  | 97       |
| 20) Pyrene                  | 19.413 | 202  | 5559     | 0.362 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.161 | 228  | 5227     | 0.366 | ng/ul  | 99       |
| 22) Chrysene                | 21.212 | 228  | 5499     | 0.372 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.694 | 252  | 5569     | 0.352 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 22.737 | 252  | 5780     | 0.353 | ng/ul# | 95       |
| 26) Benzo(a)pyrene          | 23.246 | 252  | 5044     | 0.364 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.485 | 276  | 6609     | 0.369 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.499 | 278  | 5316     | 0.368 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.139 | 276  | 5671     | 0.371 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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