

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111321\  
 Data File : BM033095.D  
 Acq On : 15 Nov 2021 00:46  
 Operator : CG/JU  
 Sample : PB140684BS  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS684

Quant Time: Nov 15 04:08:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:11:31 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.431  | 152  | 1580     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.199 | 136  | 6644     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.087 | 164  | 4225     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.834 | 188  | 8491     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.028 | 240  | 6188     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.132 | 264  | 5043     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.843  | 96   | 1241     | 0.615 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.800 | 152  | 3004     | 0.318 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.866 | 212  | 6778     | 0.361 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 2.874  | 88   | 3513     | 1.695 | ng/ul# | 88       |
| 5) Naphthalene              | 10.248 | 128  | 6052     | 0.314 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.876 | 142  | 4103     | 0.307 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.097 | 142  | 3937     | 0.301 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.806 | 152  | 5437     | 0.296 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.148 | 153  | 4847     | 0.302 | ng/ul  | 99       |
| 12) Fluorene                | 15.145 | 166  | 5495     | 0.291 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.508 | 266  | 888      | 0.401 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.872 | 178  | 8520     | 0.302 | ng/ul  | 99       |
| 16) Anthracene              | 16.970 | 178  | 7089     | 0.286 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.896 | 202  | 9884     | 0.341 | ng/ul  | 99       |
| 20) Pyrene                  | 19.262 | 202  | 10046    | 0.333 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.013 | 228  | 7012     | 0.307 | ng/ul  | 99       |
| 22) Chrysene                | 21.064 | 228  | 8320     | 0.323 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.512 | 252  | 7471     | 0.323 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.553 | 252  | 8158     | 0.329 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.042 | 252  | 6029     | 0.316 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.192 | 276  | 7713     | 0.351 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.194 | 278  | 6092     | 0.350 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 25.817 | 276  | 7016     | 0.368 | ng/ul  | 97       |

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

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