

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
 Data File : BM040528.D  
 Acq On : 02 Jul 2023 07:00  
 Operator : MA/JU  
 Sample : PB153699BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS699

Quant Time: Jul 02 08:02:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 01 03:00:05 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.932  | 152  | 9403     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.740 | 136  | 34498    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.573 | 164  | 16797    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.324 | 188  | 31594    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.506 | 240  | 18775    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.915 | 264  | 18905    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.325  | 96   | 9219     | 0.624 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.329 | 152  | 16805    | 0.347 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.352 | 212  | 24674    | 0.410 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.359  | 88   | 20481    | 1.362 | ng/ul  | 92       |
| 5) Naphthalene              | 10.789 | 128  | 31500    | 0.331 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.400 | 142  | 19250    | 0.344 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.620 | 142  | 18573    | 0.333 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.295 | 152  | 27815    | 0.371 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.637 | 153  | 20154    | 0.318 | ng/ul  | 99       |
| 12) Fluorene                | 15.623 | 166  | 21685    | 0.321 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.978 | 266  | 2079     | 0.342 | ng/ul  | 91       |
| 15) Phenanthrene            | 17.366 | 178  | 30604    | 0.312 | ng/ul  | 100      |
| 16) Anthracene              | 17.455 | 178  | 29464    | 0.357 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.380 | 202  | 31436    | 0.394 | ng/ul  | 97       |
| 20) Pyrene                  | 19.742 | 202  | 32004    | 0.374 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.489 | 228  | 24844    | 0.391 | ng/ul  | 95       |
| 22) Chrysene                | 21.541 | 228  | 24568    | 0.339 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 24601    | 0.336 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.225 | 252  | 23982    | 0.333 | ng/ul# | 87       |
| 26) Benzo(a)pyrene          | 23.806 | 252  | 20925    | 0.318 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 29140    | 0.317 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.434 | 278  | 23273    | 0.324 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.192 | 276  | 23711    | 0.295 | ng/ul  | 94       |

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

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