

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036923.D  
 Acq On : 11 Oct 2022 00:56  
 Operator : CG/JU  
 Sample : N4991-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BP2

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022  
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 02:19:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 10 00:54:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 7531     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.759 | 136  | 26469    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.580 | 164  | 15246    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.317 | 188  | 27885    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.482 | 240  | 16265    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.879 | 264  | 14319    | 0.400  | ng/ul  | -0.01    |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 34384    | 3.237  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 10802    | 0.270  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 19573    | 0.402  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.809 | 128  | 238116   | 3.147  | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 190445   | 4.114  | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 147009   | 3.127  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.302 | 152  | 23305    | 0.368  | ng/ul# | 86       |
| 11) Acenaphthene            | 14.640 | 153  | 26884    | 0.489  | ng/ul  | 100      |
| 12) Fluorene                | 15.625 | 166  | 30035    | 0.482  | ng/ul# | 98       |
| 15) Phenanthrene            | 17.355 | 178  | 598590   | 6.724  | ng/ul  | 99       |
| 16) Anthracene              | 17.448 | 178  | 95015    | 1.277  | ng/ul  | 98       |
| 19) Fluoranthene            | 19.368 | 202  | 1047122  | 16.186 | ng/ul  | 96       |
| 20) Pyrene                  | 19.726 | 202  | 889549   | 13.186 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.465 | 228  | 460236   | 7.832  | ng/ul  | 100      |
| 22) Chrysene                | 21.520 | 228  | 466776   | 7.398  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.151 | 252  | 627209   | 9.805  | ng/ul  | 85       |
| 25) Benzo(k)fluoranthene    | 23.192 | 252  | 207573m  | 3.330  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.771 | 252  | 436445   | 8.409  | ng/ul# | 74       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.363 | 276  | 313798   | 4.268  | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.373 | 278  | 75686m   | 1.274  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 27.128 | 276  | 288398   | 4.452  | ng/ul  | 96       |
| -----                       |        |      |          |        |        |          |

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

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