

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036976.D  
 Acq On : 12 Oct 2022 10:23  
 Operator : CG/JU  
 Sample : N5024-01DL 5X  
 Misc :  
 ALS Vial : 80 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BE6DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022  
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 23:08:47 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 : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.947  | 152  | 8179     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.748 | 136  | 28391    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.575 | 164  | 14138    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 24463    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.482 | 240  | 16662    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.876 | 264  | 15268    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 9097     | 0.789 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 2010     | 0.047 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 2989     | 0.060 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.798 | 128  | 5055     | 0.062 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.409 | 142  | 2797     | 0.056 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.624 | 142  | 3271     | 0.065 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.297 | 152  | 10603    | 0.180 | ng/ul  | 98       |
| 12) Fluorene                | 15.620 | 166  | 2323     | 0.040 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.351 | 178  | 74879    | 0.959 | ng/ul  | 99       |
| 16) Anthracene              | 17.444 | 178  | 8270     | 0.127 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.363 | 202  | 88461    | 1.335 | ng/ul  | 97       |
| 20) Pyrene                  | 19.726 | 202  | 75757    | 1.096 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.465 | 228  | 23576    | 0.392 | ng/ul  | 98       |
| 22) Chrysene                | 21.517 | 228  | 33880    | 0.524 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.145 | 252  | 42690    | 0.626 | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.189 | 252  | 13532m   | 0.204 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.765 | 252  | 25467    | 0.460 | ng/ul  | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.360 | 276  | 21983    | 0.280 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.373 | 278  | 5121     | 0.081 | ng/ul# | 73       |
| 29) Benzo(g,h,i)perylene    | 27.124 | 276  | 20837    | 0.302 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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