

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072622\  
 Data File : BM035926.D  
 Acq On : 26 Jul 2022 15:13  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

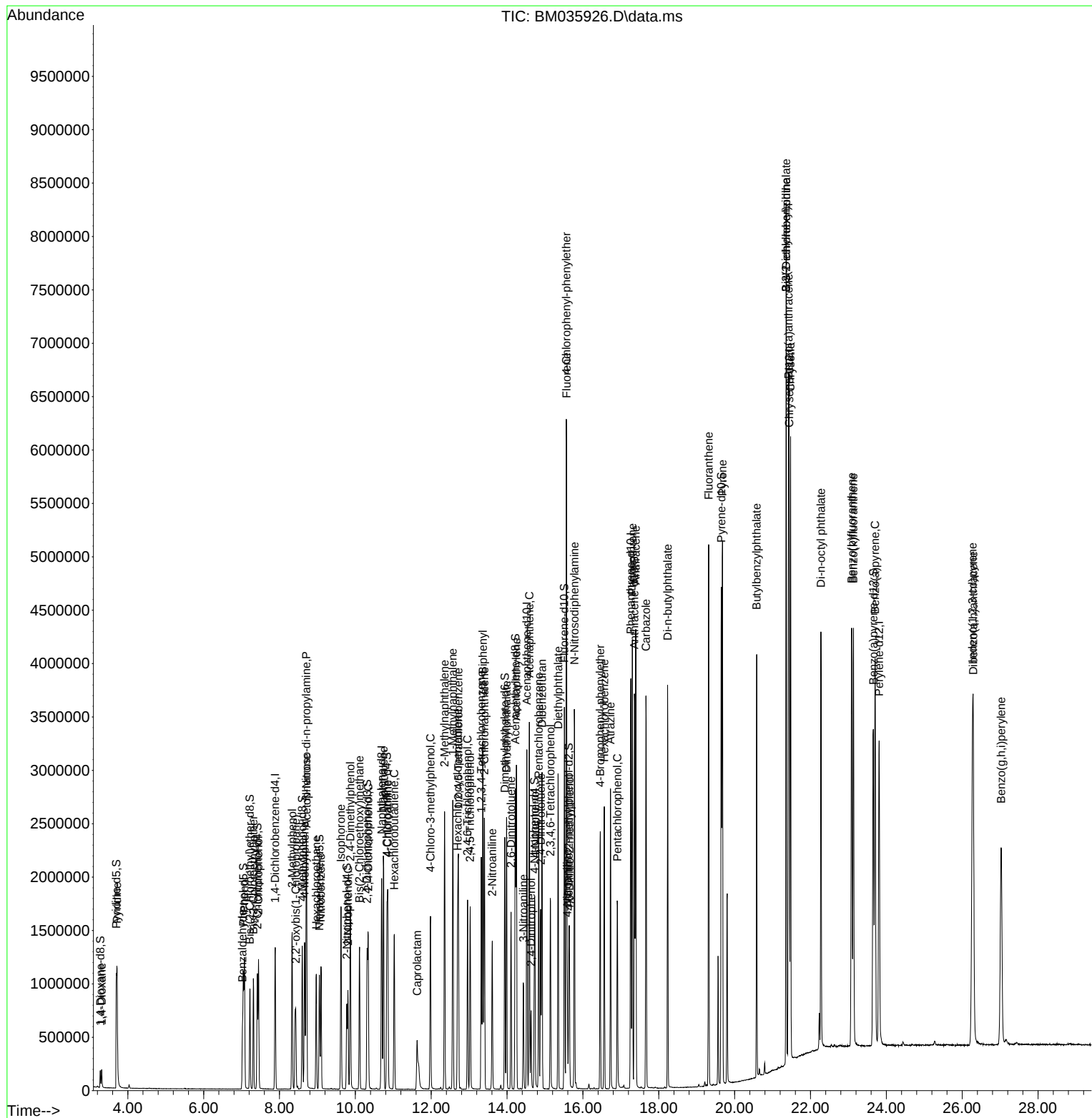
SSTD020131

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022  
 Supervised By :mohammad ahmed 07/27/2022

Quant Time: Jul 26 15:44:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 25 14:55:39 2022  
 Response via : Initial Calibration



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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.886  | 152  | 349017   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.692 | 136  | 1609816  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.521 | 164  | 1025270  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.262 | 188  | 2183036  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.439 | 240  | 2155246  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.809 | 264  | 2051522  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 73549    | 7.930  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.698  | 84   | 505319   | 19.887 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.045  | 99   | 583042   | 19.921 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 412689   | 21.151 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.416  | 132  | 497341   | 20.472 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.598  | 113  | 489688   | 20.652 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.051  | 128  | 257938   | 20.220 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.775  | 143  | 247232   | 19.893 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.310 | 165  | 463004   | 20.598 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.833 | 131  | 844117   | 22.183 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.939 | 166  | 1497369  | 21.440 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.215 | 160  | 1836453  | 20.609 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.721 | 143  | 290361   | 20.246 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.509 | 176  | 1329764  | 21.071 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.627 | 200  | 207391   | 17.674 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.356 | 188  | 2031633  | 20.585 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.650 | 212  | 2351377  | 19.685 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.656 | 264  | 2114661  | 20.303 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.310  | 88   | 76141    | 7.922  | ng/uL  | 96       |
| 5) Pyridine                   | 3.716  | 79   | 531980   | 19.951 | ng/u1  | 89       |
| 6) Benzaldehyde               | 7.022  | 77   | 184286   | 15.002 | ng/u1  | 93       |
| 8) Phenol                     | 7.075  | 94   | 649539   | 20.279 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.310  | 93   | 539003   | 20.932 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.445  | 128  | 514471   | 20.643 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.333  | 108  | 490911   | 20.516 | ng/u1  | 93       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.428  | 45   | 735187   | 21.630 | ng/u1  | 99       |
| 16) Acetophenone              | 8.716  | 105  | 826456   | 21.710 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.704  | 70   | 425478   | 22.412 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.663  | 108  | 543234   | 21.163 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.969  | 117  | 212195   | 20.636 | ng/u1  | 89       |
| 22) Nitrobenzene              | 9.092  | 77   | 605723   | 20.750 | ng/u1  | 99       |
| 23) Isophorone                | 9.622  | 82   | 1194965  | 21.686 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.804  | 139  | 282696   | 20.503 | ng/u1  | 100      |
| 26) 2,4-Dimethylphenol        | 9.869  | 107  | 583584   | 20.714 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93   | 735357   | 21.159 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.339 | 162  | 478798   | 20.523 | ng/u1  | 99       |
| 30) Naphthalene               | 10.739 | 128  | 1751107  | 20.608 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.857 | 127  | 835860   | 22.113 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.027 | 225  | 290209   | 20.150 | ng/u1  | 96       |
| 34) Caprolactam               | 11.627 | 113  | 158820m  | 20.598 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.980 | 107  | 529712   | 21.835 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.351 | 142  | 1187959  | 21.369 | ng/u1  | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.569 | 142  | 1198516  | 21.389 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.716 | 216  | 569226   | 19.504 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.698 | 237  | 353345   | 18.179 | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.957 | 196  | 372797   | 19.961 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.027 | 196  | 405876   | 20.367 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.363 | 154  | 1589291  | 20.139 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.404 | 162  | 1204725  | 19.892 | ng/ul | 98       |
| 45) 2-Nitroaniline            | 13.610 | 65   | 352404   | 21.106 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.986 | 163  | 1502381  | 21.387 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.104 | 165  | 294821   | 21.139 | ng/ul | 89       |
| 50) Acenaphthylene            | 14.245 | 152  | 2018641  | 20.479 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.433 | 138  | 241439   | 15.664 | ng/ul | 95       |
| 52) Acenaphthene              | 14.586 | 153  | 1315437  | 20.570 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.633 | 184  | 139713   | 17.643 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.733 | 109  | 223289   | 20.357 | ng/ul | 87       |
| 56) Dibenzofuran              | 14.921 | 168  | 1854512  | 20.959 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.886 | 165  | 429282   | 21.835 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.145 | 232  | 331551   | 21.175 | ng/ul | 96       |
| 59) Diethylphthalate          | 15.345 | 149  | 1546397  | 21.763 | ng/ul | 99       |
| 61) Fluorene                  | 15.568 | 166  | 1534890  | 21.235 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.562 | 204  | 728581   | 21.038 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.586 | 138  | 216256   | 15.240 | ng/ul | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.645 | 198  | 212926   | 18.134 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.774 | 169  | 1279262  | 19.933 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.456 | 248  | 427621   | 19.981 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.562 | 284  | 526553   | 20.193 | ng/ul | 99       |
| 70) Atrazine                  | 16.727 | 200  | 444041   | 19.948 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.909 | 266  | 297588   | 18.681 | ng/ul | 99       |
| 72) Phenanthrene              | 17.303 | 178  | 2382716  | 20.364 | ng/ul | 98       |
| 74) Anthracene                | 17.392 | 178  | 2418941  | 20.603 | ng/ul | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.321 | 216  | 594975   | 17.526 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.833 | 250  | 585698   | 19.033 | ng/ul | 99       |
| 77) Carbazole                 | 17.662 | 167  | 2252841  | 20.776 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.233 | 149  | 2614463  | 21.369 | ng/ul | 99       |
| 80) Fluoranthene              | 19.315 | 202  | 2762297  | 19.355 | ng/ul | 99       |
| 82) Pyrene                    | 19.680 | 202  | 2863920  | 19.469 | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.580 | 149  | 1072481  | 20.046 | ng/ul | 94       |
| 84) 3,3'-Dichlorobenzidine    | 21.356 | 252  | 762386   | 19.169 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.421 | 228  | 2781519  | 20.504 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.356 | 149  | 1605833  | 20.773 | ng/ul | 99       |
| 87) Chrysene                  | 21.474 | 228  | 2665503  | 20.138 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.274 | 149  | 2529336  | 19.092 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.085 | 252  | 2761583  | 20.170 | ng/ul | 98       |
| 91) Benzo(k)fluoranthene      | 23.133 | 252  | 2621560  | 20.178 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.703 | 252  | 2637270  | 20.223 | ng/ul | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.273 | 276  | 2801789  | 20.156 | ng/ul | 93       |
| 95) Dibenzo(a,h)anthracene    | 26.291 | 278  | 2420721  | 20.298 | ng/ul | 96       |
| 96) Benzo(g,h,i)perylene      | 27.026 | 276  | 2313668  | 20.086 | ng/ul | 97       |

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