

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040425\  
 Data File : BM049817.D  
 Acq On : 04 Apr 2025 10:38  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 04/07/2025  
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 12:00:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 383759   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.580 | 136  | 1277771  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.433 | 164  | 777422   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.168 | 188  | 1430090  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.403 | 240  | 1221496  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 24.409 | 264  | 1206739  | 20.000 | ng    | -0.03    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 1639161  | 72.071 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.963  | 99   | 2037155  | 71.374 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.945  | 82   | 1724581  | 69.295 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.915 | 330  | 767049   | 84.496 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 4408811  | 71.023 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.792 | 244  | 5750376  | 79.330 | ng    | -0.02    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 337417   | 34.271 | ng    | 96       |
| 3) Pyridine                   | 3.675  | 79   | 856134   | 34.049 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 342839   | 30.815 | ng    | 89       |
| 6) Aniline                    | 7.116  | 93   | 872029   | 36.468 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.357  | 128  | 830076   | 36.855 | ng    | 96       |
| 9) Benzaldehyde               | 6.928  | 77   | 581078   | 41.182 | ng    | 98       |
| 10) Phenol                    | 6.987  | 94   | 978678   | 35.363 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.210  | 93   | 787009   | 35.117 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.675  | 146  | 982916   | 35.911 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 1000277  | 36.225 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.139  | 146  | 941307   | 35.870 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.028  | 79   | 647436   | 36.147 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 886920   | 33.671 | ng    | 100      |
| 17) 2-Methylphenol            | 8.234  | 107  | 607703   | 36.985 | ng    | 96       |
| 18) Hexachloroethane          | 8.869  | 117  | 347437   | 35.630 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.592  | 70   | 571397   | 34.525 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.563  | 107  | 830161   | 37.701 | ng    | 97       |
| 22) Acetophenone              | 8.610  | 105  | 1158632  | 35.167 | ng    | 97       |
| 24) Nitrobenzene              | 8.986  | 77   | 820620   | 34.969 | ng    | 94       |
| 25) Isophorone                | 9.516  | 82   | 1411785  | 36.947 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.698  | 139  | 432843   | 43.336 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.763  | 122  | 496653   | 39.064 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.992  | 93   | 962349   | 35.758 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.233 | 162  | 795158   | 38.383 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.445 | 180  | 931101   | 35.923 | ng    | 99       |
| 31) Naphthalene               | 10.633 | 128  | 2408077  | 36.651 | ng    | 99       |
| 32) Benzoic acid              | 9.892  | 122  | 512638m  | 47.411 | ng    |          |
| 33) 4-Chloroaniline           | 10.739 | 127  | 846116   | 37.734 | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 575804   | 35.986 | ng    | 98       |
| 35) Caprolactam               | 11.522 | 113  | 203806   | 42.373 | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 11.875 | 107  | 692928   | 38.976 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.245 | 142  | 1701396  | 37.033 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 1632543  | 36.830 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 1012102  | 35.442 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 386736   | 36.556 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.863 | 196  | 635671   | 39.746 | ng    | 99       |

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Quant Time: Apr 04 12:00:50 2025

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QLast Update : Thu Mar 13 14:55:34 2025

Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.933 | 196  | 675303   | 38.693 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 2190011  | 36.551 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.304 | 162  | 1688562  | 36.206 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 391096   | 37.356 | ng    | 92       |
| 49) Acenaphthylene            | 14.151 | 152  | 2441082  | 37.446 | ng    | 100      |
| 50) Dimethylphthalate         | 13.886 | 163  | 1997501  | 37.319 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 419447   | 39.110 | ng    | 89       |
| 52) Acenaphthene              | 14.492 | 154  | 1559131  | 36.463 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.327 | 138  | 404686   | 39.653 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.539 | 184  | 219111   | 41.202 | ng    | 92       |
| 55) Dibenzofuran              | 14.827 | 168  | 2572975  | 36.111 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.645 | 139  | 343111   | 38.623 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 549400   | 39.810 | ng    | 92       |
| 58) Fluorene                  | 15.480 | 166  | 2037851  | 35.129 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 558093   | 38.201 | ng    | 98       |
| 60) Diethylphthalate          | 15.257 | 149  | 1906819  | 37.825 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.474 | 204  | 1109632  | 35.029 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 406306   | 34.599 | ng    | 92       |
| 63) Azobenzene                | 15.762 | 77   | 1678601  | 34.861 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 198  | 298459   | 40.397 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 1641434  | 37.883 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.362 | 248  | 625696   | 37.895 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.486 | 284  | 696630   | 37.519 | ng    | 96       |
| 69) Atrazine                  | 16.639 | 200  | 404938   | 42.406 | ng    | 99       |
| 70) Pentachlorophenol         | 16.827 | 266  | 461153   | 39.522 | ng    | 99       |
| 71) Phenanthrene              | 17.215 | 178  | 2893600  | 36.439 | ng    | 99       |
| 72) Anthracene                | 17.304 | 178  | 2857091  | 37.151 | ng    | 100      |
| 73) Carbazole                 | 17.574 | 167  | 2584889  | 37.114 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.139 | 149  | 3116213  | 40.822 | ng    | 99       |
| 75) Fluoranthene              | 19.227 | 202  | 3316025  | 36.271 | ng    | 99       |
| 77) Benzidine                 | 19.409 | 184  | 1034593  | 70.500 | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 3364035  | 39.419 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.492 | 149  | 1253995  | 47.348 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 3015418  | 36.959 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.309 | 252  | 1030393  | 38.790 | ng    | 97       |
| 83) Chrysene                  | 21.450 | 228  | 2821329  | 36.479 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 1889819  | 45.786 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.450 | 149  | 3048087  | 47.513 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.791 | 276  | 3161516  | 36.400 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.462 | 252  | 2899540  | 35.674 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.527 | 252  | 2780759  | 34.770 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.262 | 252  | 2470639  | 36.189 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.850 | 278  | 2606595  | 36.020 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.850 | 276  | 2632072  | 36.110 | ng    | 99       |

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

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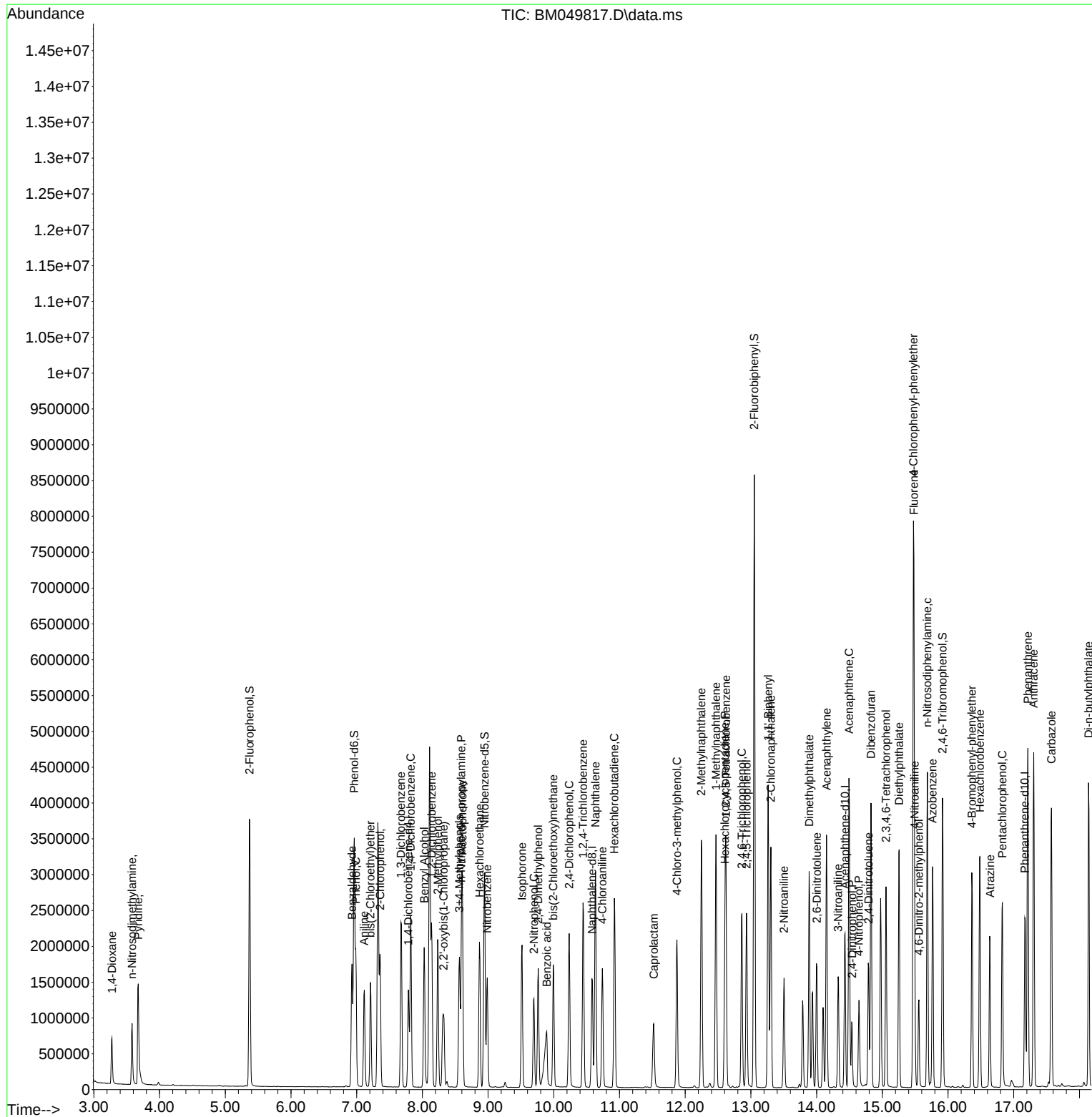
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