

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041122\  
 Data File : BF127744.D  
 Acq On : 11 Apr 2022 17:52  
 Operator : CG\JU  
 Sample : N2337-02MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B250-CUMS

Quant Time: Apr 12 04:55:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/12/2022  
 Supervised By : Jagrut Upadhyay 04/13/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.969  | 152  | 134057   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 487877   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.016 | 164  | 280509   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 476069   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.157 | 240  | 288940   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.686 | 264  | 311335   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.593  | 112  | 855477   | 103.692 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.592  | 99   | 1116525  | 103.449 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.534  | 82   | 789534   | 72.146  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.810 | 330  | 336115   | 112.600 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.328  | 172  | 1307769  | 65.954  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.092 | 244  | 1135755  | 64.881  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.875  | 88   | 147733   | 37.753  | ng    | 85       |
| 3) Pyridine                   | 3.634  | 79   | 384268   | 37.283  | ng    | # 83     |
| 4) n-Nitrosodimethylamine     | 3.604  | 42   | 229672   | 41.436  | ng    | 94       |
| 6) Aniline                    | 6.634  | 93   | 456031   | 35.427  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 409764   | 48.963  | ng    | 95       |
| 9) Benzaldehyde               | 6.522  | 77   | 305617   | 60.146  | ng    | 95       |
| 10) Phenol                    | 6.604  | 94   | 507315   | 47.008  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.704  | 93   | 409101   | 45.902  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 436791   | 45.677  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.987  | 146  | 442066   | 45.731  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.134  | 146  | 427818   | 46.301  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.110  | 79   | 416319   | 44.122  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239  | 45   | 600347   | 42.674  | ng    | 97       |
| 17) 2-Methylphenol            | 7.216  | 107  | 341917   | 46.968  | ng    | 99       |
| 18) Hexachloroethane          | 7.481  | 117  | 166543   | 45.150  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 306978   | 43.976  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.369  | 107  | 414072   | 44.635  | ng    | # 79     |
| 22) Acetophenone              | 7.375  | 105  | 565340   | 43.122  | ng    | # 86     |
| 24) Nitrobenzene              | 7.551  | 77   | 486197   | 45.832  | ng    | 99       |
| 25) Isophorone                | 7.787  | 82   | 898801   | 47.068  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 200631   | 52.626  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.898  | 122  | 378578   | 50.720  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.998  | 93   | 515358   | 43.769  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.104  | 162  | 369359   | 45.936  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.192  | 180  | 407544   | 44.040  | ng    | 96       |
| 31) Naphthalene               | 8.275  | 128  | 1132321  | 44.292  | ng    | 99       |
| 32) Benzoic acid              | 8.010  | 122  | 175965   | 32.494  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.316  | 127  | 139383   | 13.844  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.386  | 225  | 280860   | 44.121  | ng    | 98       |
| 35) Caprolactam               | 8.704  | 113  | 116157m  | 48.878  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.798  | 107  | 392782   | 46.594  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.969  | 142  | 770078   | 45.038  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.069  | 142  | 739195   | 44.790  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.133  | 216  | 422330   | 45.903  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.116  | 237  | 410646   | 74.095  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.239  | 196  | 277015   | 44.349  | ng    | 97       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.281  | 196  | 294591   | 46.739 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.433  | 154  | 967667   | 45.107 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.457  | 162  | 760358   | 44.601 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.557  | 65   | 265346   | 50.114 | ng    | 90       |
| 49) Acenaphthylene            | 9.880  | 152  | 1222758  | 47.154 | ng    | 99       |
| 50) Dimethylphthalate         | 9.733  | 163  | 950151   | 46.730 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.798  | 165  | 201469   | 52.567 | ng    | 89       |
| 52) Acenaphthene              | 10.051 | 154  | 730538   | 44.716 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.963  | 138  | 119182   | 29.435 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.069 | 184  | 81978    | 45.600 | ng    | 95       |
| 55) Dibenzofuran              | 10.222 | 168  | 1067774  | 44.789 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.128 | 139  | 275739   | 86.703 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 10.198 | 165  | 264564   | 55.678 | ng    | # 90     |
| 58) Fluorene                  | 10.569 | 166  | 800261   | 45.431 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.333 | 232  | 245334   | 44.669 | ng    | 98       |
| 60) Diethylphthalate          | 10.433 | 149  | 895389   | 46.019 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.557 | 204  | 436360   | 45.085 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.586 | 138  | 169916   | 44.558 | ng    | 92       |
| 63) Azobenzene                | 10.716 | 77   | 909077   | 41.813 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 75265    | 32.732 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.675 | 169  | 716230   | 47.769 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.051 | 248  | 288422   | 49.919 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.110 | 284  | 316002   | 50.033 | ng    | 94       |
| 69) Atrazine                  | 11.204 | 200  | 273478   | 54.898 | ng    | 98       |
| 70) Pentachlorophenol         | 11.304 | 266  | 286207   | 75.872 | ng    | 98       |
| 71) Phenanthrene              | 11.533 | 178  | 1146876  | 45.468 | ng    | 99       |
| 72) Anthracene                | 11.586 | 178  | 1147284  | 45.982 | ng    | 98       |
| 73) Carbazole                 | 11.739 | 167  | 965288   | 41.288 | ng    | 98       |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 1285351  | 45.990 | ng    | 99       |
| 75) Fluoranthene              | 12.727 | 202  | 1130686  | 41.079 | ng    | 99       |
| 77) Benzidine                 | 12.845 | 184  | 280880   | 37.244 | ng    | 98       |
| 78) Pyrene                    | 12.957 | 202  | 1102190  | 45.174 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.568 | 149  | 414702   | 45.649 | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.145 | 228  | 935405   | 48.471 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.104 | 252  | 263374   | 43.777 | ng    | 98       |
| 83) Chrysene                  | 14.186 | 228  | 864119   | 46.648 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149  | 564639   | 44.095 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 895786   | 47.843 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.256 | 276  | 834718   | 42.912 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.233 | 252  | 973221   | 48.592 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.262 | 252  | 911640   | 45.894 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.621 | 252  | 929413   | 57.094 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.280 | 278  | 724371   | 45.961 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.739 | 276  | 679222   | 42.037 | ng    | 97       |

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

