

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032521\  
 Data File : BP005050.D  
 Acq On : 25 Mar 2021 17:48  
 Operator : CG/JU  
 Sample : M1458-08  
 Misc : LOQ-WTR-10PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Manual Integrations  
 APPROVED

Quant Time: Mar 25 18:16:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 25 15:50:24 2021  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.716  | 152  | 28712    | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8        | 10.504 | 136  | 112691   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10      | 14.369 | 164  | 77458    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.128 | 188  | 167155   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12          | 21.222 | 240  | 177085   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.510 | 264  | 170398   | 20.00 | ng    | 0.00     |

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|                             |        |     |        |       |    |      |
|-----------------------------|--------|-----|--------|-------|----|------|
| System Monitoring Compounds |        |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.311  | 112 | 166364 | 89.17 | ng | 0.00 |
| 7) Phenol-d6                | 6.893  | 99  | 228856 | 85.64 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.875  | 82  | 178202 | 67.85 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.869 | 330 | 91281  | 90.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.987 | 172 | 386311 | 67.47 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.704 | 244 | 612888 | 63.00 | ng | 0.00 |

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|                               |        |     |        |       |    |        |
|-------------------------------|--------|-----|--------|-------|----|--------|
| Target Compounds              |        |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                | 3.258  | 88  | 8347   | 10.27 | ng | 98     |
| 3) Pyridine                   | 3.670  | 79  | 17376  | 8.60  | ng | 93     |
| 4) n-Nitrosodimethylamine     | 3.570  | 42  | 7088   | 9.81  | ng | 76     |
| 6) Aniline                    | 7.052  | 93  | 33232  | 10.97 | ng | # 82   |
| 8) 2-Chlorophenol             | 7.281  | 128 | 18944  | 9.63  | ng | # 73   |
| 9) Benzaldehyde               | 6.869  | 77  | 20104  | 11.84 | ng | # 81   |
| 10) Phenol                    | 6.916  | 94  | 26652  | 9.73  | ng | 75     |
| 11) bis(2-Chloroethyl)ether   | 7.152  | 93  | 20274  | 10.11 | ng | 93     |
| 12) 1,3-Dichlorobenzene       | 7.605  | 146 | 21942  | 10.04 | ng | # 90   |
| 13) 1,4-Dichlorobenzene       | 7.752  | 146 | 22519m | 10.15 | ng |        |
| 14) 1,2-Dichlorobenzene       | 8.069  | 146 | 21970  | 10.32 | ng | 91     |
| 15) Benzyl Alcohol            | 7.963  | 79  | 19369  | 9.39  | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.252  | 45  | 15249  | 10.37 | ng | 87     |
| 17) 2-Methylphenol            | 8.163  | 107 | 17506  | 10.02 | ng | # 87   |
| 18) Hexachloroethane          | 8.793  | 117 | 8222   | 9.72  | ng | 89     |
| 19) n-Nitroso-di-n-propyla... | 8.522  | 70  | 16587  | 9.57  | ng | # 92   |
| 20) 3+4-Methylphenols         | 8.487  | 107 | 22846  | 9.57  | ng | 92     |
| 22) Acetophenone              | 8.540  | 105 | 33218  | 10.25 | ng | # 94   |
| 24) Nitrobenzene              | 8.916  | 77  | 27888  | 10.08 | ng | # 79   |
| 25) Isophorone                | 9.446  | 82  | 45646  | 9.42  | ng | # 88   |
| 26) 2-Nitrophenol             | 9.622  | 139 | 9526   | 8.87  | ng | # 66   |
| 27) 2,4-Dimethylphenol        | 9.687  | 122 | 18004  | 10.43 | ng | 86     |
| 28) bis(2-Chloroethoxy)met... | 9.928  | 93  | 28260  | 11.52 | ng | 97     |
| 29) 2,4-Dichlorophenol        | 10.157 | 162 | 18749  | 9.71  | ng | 92     |
| 30) 1,2,4-Trichlorobenzene    | 10.375 | 180 | 21846  | 10.07 | ng | 99     |
| 31) Naphthalene               | 10.557 | 128 | 63179  | 9.92  | ng | 97     |
| 32) Benzoic acid              | 9.775  | 122 | 9513   | 7.42  | ng | # 78   |
| 33) 4-Chloroaniline           | 10.681 | 127 | 26108  | 10.14 | ng | # 84   |
| 34) Hexachlorobutadiene       | 10.840 | 225 | 13312  | 9.53  | ng | 97     |
| 35) Caprolactam               | 11.457 | 113 | 6138   | 9.68  | ng | 98     |
| 36) 4-Chloro-3-methylphenol   | 11.804 | 107 | 22517  | 9.65  | ng | # 80   |
| 37) 2-Methylnaphthalene       | 12.175 | 142 | 45138  | 9.82  | ng | # 92   |
| 38) 1-Methylnaphthalene       | 12.398 | 142 | 41715  | 9.68  | ng | # 97   |
| 40) 1,2,4,5-Tetrachloroben... | 12.546 | 216 | 25245  | 10.01 | ng | # 98   |
| 41) Hexachlorocyclopentadiene | 12.528 | 237 | 14313  | 10.43 | ng | 96     |
| 43) 2,4,6-Trichlorophenol     | 12.793 | 196 | 15153  | 8.69  | ng | 96     |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.869 | 196  | 16898    | 8.95  | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 13.198 | 154  | 61076    | 10.34 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.240 | 162  | 47040    | 9.78  | ng    | 94       |
| 48) 2-Nitroaniline            | 13.451 | 65   | 14071    | 9.18  | ng    | # 59     |
| 49) Acenaphthylene            | 14.092 | 152  | 71449    | 9.55  | ng    | 99       |
| 50) Dimethylphthalate         | 13.828 | 163  | 59700    | 10.01 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.951 | 165  | 12899    | 9.17  | ng    | # 54     |
| 52) Acenaphthene              | 14.434 | 154  | 43971    | 9.55  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.281 | 138  | 11909    | 9.20  | ng    | # 71     |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 6464     | 7.59  | ng    | # 76     |
| 55) Dibenzofuran              | 14.775 | 168  | 73364    | 9.73  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.592 | 139  | 8780     | 8.27  | ng    | # 46     |
| 57) 2,4-Dinitrotoluene        | 14.740 | 165  | 17252    | 9.29  | ng    | # 57     |
| 58) Fluorene                  | 15.422 | 166  | 58803    | 9.65  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 16789    | 9.64  | ng    | 96       |
| 60) Diethylphthalate          | 15.204 | 149  | 57293    | 9.82  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.422 | 204  | 31897    | 9.87  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.451 | 138  | 12170    | 9.15  | ng    | # 54     |
| 63) Azobenzene                | 15.716 | 77   | 62047    | 9.30  | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 10326    | 8.47  | ng    | 72       |
| 66) n-Nitrosodiphenylamine    | 15.639 | 169  | 52286    | 9.73  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.322 | 248  | 18757    | 9.69  | ng    | 93       |
| 68) Hexachlorobenzene         | 16.428 | 284  | 21633    | 9.93  | ng    | 93       |
| 69) Atrazine                  | 16.598 | 200  | 16478    | 9.23  | ng    | 97       |
| 70) Pentachlorophenol         | 16.781 | 266  | 12738    | 8.86  | ng    | 97       |
| 71) Phenanthrene              | 17.169 | 178  | 95994    | 9.91  | ng    | 97       |
| 72) Anthracene                | 17.263 | 178  | 93626    | 9.89  | ng    | 98       |
| 73) Carbazole                 | 17.539 | 167  | 82628    | 9.29  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.098 | 149  | 93179    | 9.52  | ng    | # 98     |
| 75) Fluoranthene              | 19.151 | 202  | 112897   | 9.90  | ng    | 97       |
| 77) Benzidine                 | 19.333 | 184  | 39602    | 10.19 | ng    | 97       |
| 78) Pyrene                    | 19.498 | 202  | 113865   | 9.36  | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.380 | 149  | 39244    | 8.69  | ng    | # 72     |
| 81) Benzo(a)anthracene        | 21.210 | 228  | 114486   | 9.52  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.145 | 252  | 41028    | 10.15 | ng    | 93       |
| 83) Chrysene                  | 21.257 | 228  | 111255   | 9.42  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.139 | 149  | 60177    | 9.09  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.027 | 149  | 102419   | 9.18  | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.845 | 276  | 128739   | 10.08 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.816 | 252  | 122989   | 10.16 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 22.863 | 252  | 113041   | 9.75  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.404 | 252  | 105340   | 9.71  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.862 | 278  | 109666   | 9.93  | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 26.562 | 276  | 107167   | 10.05 | ng    | # 93     |

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

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