

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\  
 Data File : BM026826.D  
 Acq On : 22 Jul 2020 02:12  
 Operator : JU/CG  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02040

Manual Integrations  
 APPROVED

Sohil  
 7/24/2020 12:04:09 PM

Quant Time: Jul 22 09:37:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 21 10:10:59 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.30  | 152  | 76393    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.05 | 136  | 346999   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 13.96 | 164  | 248654   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.72 | 188  | 552994   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.95 | 240  | 575997   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.01 | 264  | 482279   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.90  | 96  | 17934  | 7.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.51  | 99  | 133458 | 19.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.66  | 67  | 95208  | 20.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.84  | 132 | 102789 | 19.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.03  | 113 | 115164 | 20.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.45  | 128 | 53211  | 19.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.16  | 143 | 58760  | 20.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.70  | 165 | 117353 | 20.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.21 | 131 | 148286 | 24.58 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.40 | 166 | 387407 | 19.53 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.65 | 160 | 446165 | 18.61 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.22 | 143 | 55581  | 19.42 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 14.97 | 176 | 332256 | 19.13 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.12 | 200 | 62353  | 18.05 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.82 | 188 | 528400 | 19.40 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.13 | 212 | 574320 | 19.19 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.88 | 264 | 519087 | 19.94 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 2.93  | 88  | 19465   | 7.072  | ng/uL 90  |
| 4) Benzaldehyde                | 6.46  | 77  | 95619   | 25.736 | ng/ul 98  |
| 6) Phenol                      | 6.54  | 94  | 148824  | 19.348 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 6.75  | 93  | 117782  | 20.110 | ng/ul 98  |
| 10) 2-Chlorophenol             | 6.87  | 128 | 112692  | 19.016 | ng/ul 98  |
| 11) 2-Methylphenol             | 7.77  | 108 | 111093  | 20.215 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 7.84  | 45  | 244347m | 21.506 | ng/ul     |
| 14) Acetophenone               | 8.12  | 105 | 201344  | 21.238 | ng/ul 92  |
| 15) N-Nitroso-di-n-propylamine | 8.11  | 70  | 125246  | 22.363 | ng/ul 93  |
| 16) 4-Methylphenol             | 8.10  | 108 | 123416  | 20.204 | ng/ul 97  |
| 17) Hexachloroethane           | 8.35  | 117 | 50852   | 19.364 | ng/ul 95  |
| 20) Nitrobenzene               | 8.49  | 77  | 168684  | 19.492 | ng/ul 96  |
| 21) Isophorone                 | 9.01  | 82  | 305524  | 21.002 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.19  | 139 | 67295   | 19.877 | ng/ul 94  |
| 24) 2,4-Dimethylphenol         | 9.27  | 107 | 156742  | 20.104 | ng/ul 97  |
| 25) Bis(2-Chloroethoxy)methane | 9.50  | 93  | 174549  | 20.180 | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 9.72  | 162 | 122239  | 20.645 | ng/ul 94  |
| 28) Naphthalene                | 10.10 | 128 | 382538  | 18.625 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.23 | 127 | 155446  | 24.246 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.39 | 225 | 83417   | 19.440 | ng/ul 98  |
| 32) Caprolactam                | 11.02 | 113 | 36961m  | 22.602 | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.38 | 107 | 147200  | 21.848 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 11.72 | 142 | 289280  | 20.105 | ng/ul 98  |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual Integrations  
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 QLast Update : Tue Jul 21 10:10:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 11.95 | 142  | 265134   | 19.769 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.11 | 216  | 161909   | 17.914 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.09 | 237  | 74682    | 16.192 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.38 | 196  | 103912   | 19.476 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 12.45 | 196  | 110359   | 18.914 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl              | 12.78 | 154  | 386499   | 17.958 | ng/ul  | 96       |
| 42) 2-Chloronaphthalene        | 12.81 | 162  | 302462   | 17.853 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.05 | 65   | 117725   | 20.669 | ng/ul  | 97       |
| 45) Dimethylphthalate          | 13.44 | 163  | 399299   | 19.233 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 13.56 | 165  | 82031    | 20.444 | ng/ul  | 93       |
| 48) Acenaphthylene             | 13.68 | 152  | 465490   | 18.135 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 13.90 | 138  | 74426    | 22.315 | ng/ul  | 96       |
| 50) Acenaphthene               | 14.02 | 153  | 330664   | 18.227 | ng/ul  | 100      |
| 51) 2,4-Dinitrophenol          | 14.12 | 184  | 35633    | 17.094 | ng/ul  | 94       |
| 53) 4-Nitrophenol              | 14.24 | 109  | 62184    | 21.106 | ng/ul  | 91       |
| 54) Dibenzofuran               | 14.37 | 168  | 477230   | 18.539 | ng/ul  | 95       |
| 55) 2,4-Dinitrotoluene         | 14.37 | 165  | 123702   | 20.730 | ng/ul  | 88       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.61 | 232  | 102974   | 20.501 | ng/ul  | 96       |
| 57) Diethylphthalate           | 14.83 | 149  | 437262   | 20.956 | ng/ul  | 98       |
| 59) Fluorene                   | 15.02 | 166  | 406111   | 19.310 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.03 | 204  | 211158   | 19.317 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.07 | 138  | 81948m   | 21.723 | ng/ul  |          |
| 64) 4,6-Dinitro-2-methylphenol | 15.14 | 198  | 65043    | 17.774 | ng/ul# | 97       |
| 65) N-Nitrosodiphenylamine     | 15.25 | 169  | 348591   | 18.853 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 15.93 | 248  | 128235   | 19.236 | ng/ul  | 96       |
| 67) Hexachlorobenzene          | 16.04 | 284  | 142756   | 18.792 | ng/ul  | 94       |
| 68) Atrazine                   | 16.22 | 200  | 130265   | 21.624 | ng/ul  | 100      |
| 69) Pentachlorophenol          | 16.39 | 266  | 72943    | 19.471 | ng/ul  | 97       |
| 70) Phenanthrene               | 16.77 | 178  | 638606   | 18.545 | ng/ul  | 99       |
| 72) Anthracene                 | 16.86 | 178  | 657836   | 18.933 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.74 | 216  | 164073   | 17.209 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.29 | 250  | 164446   | 18.008 | ng/uL  | 99       |
| 75) Carbazole                  | 17.14 | 167  | 568803   | 20.446 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 17.72 | 149  | 770406   | 22.888 | ng/ul  | 99       |
| 77) Fluoranthene               | 18.79 | 202  | 745398   | 20.926 | ng/ul  | 98       |
| 80) Pvrene                     | 19.17 | 202  | 780170   | 19.113 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.11 | 149  | 331671   | 22.904 | ng/ul  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 20.88 | 252  | 228697   | 19.698 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 20.93 | 228  | 734151   | 18.516 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.89 | 149  | 517259   | 23.985 | ng/ul  | 99       |
| 85) Chrysene                   | 20.98 | 228  | 716599   | 18.218 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 21.74 | 149  | 812297   | 27.334 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.41 | 252  | 651830   | 19.898 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.45 | 252  | 669678   | 20.626 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 22.92 | 252  | 570125   | 19.618 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.00 | 276  | 666974   | 17.586 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.01 | 278  | 569533   | 17.824 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 25.60 | 276  | 540219   | 17.077 | ng/ul  | 99       |

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Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual Integrations  
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Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

