

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122920\  
 Data File : BP004460.D  
 Acq On : 29 Dec 2020 11:31  
 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020086

Quant Time: Dec 29 12:40:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP120420.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 08 06:09:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 265206   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.62 | 136  | 1031648  | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.47 | 164  | 618603   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.23 | 188  | 1376964  | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.33 | 240  | 1506063  | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.69 | 264  | 1636189  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 51503   | 7.46  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.72  | 84  | 336419  | 17.15 | ng/ul | 0.00 |
| 7) Phenol-d5                   | 6.99  | 99  | 446617  | 18.84 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 249101  | 18.17 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.36  | 132 | 372434  | 20.19 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.53  | 113 | 347831  | 18.62 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.98  | 128 | 180538  | 21.46 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.70  | 143 | 193585  | 25.21 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 375136  | 22.20 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.75 | 131 | 500549  | 20.18 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.87 | 166 | 998376  | 20.32 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 14.16 | 160 | 1272921 | 21.09 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.67 | 143 | 170129  | 21.16 | ng/ul | 0.02 |
| 60) Fluorene-d10               | 15.47 | 176 | 892167  | 20.77 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 140578  | 25.13 | ng/ul | 0.02 |
| 73) Anthracene-d10             | 17.33 | 188 | 1423196 | 21.03 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.57 | 212 | 1659401 | 20.94 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.53 | 264 | 1875711 | 21.34 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 53840   | 7.198  | ng/uL# 74 |
| 5) Pyridine                    | 3.73  | 79  | 341263  | 17.211 | ng/ul 99  |
| 6) Benzaldehyde                | 6.96  | 77  | 171882  | 16.314 | ng/ul 98  |
| 8) Phenol                      | 7.02  | 94  | 457914  | 18.877 | ng/ul 98  |
| 10) Bis(2-Chloroethyl)ether    | 7.25  | 93  | 369663  | 18.990 | ng/ul 98  |
| 12) 2-Chlorophenol             | 7.39  | 128 | 378068  | 20.268 | ng/ul 95  |
| 13) 2-Methylphenol             | 8.26  | 108 | 348602  | 18.883 | ng/ul 97  |
| 14) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 398504  | 17.184 | ng/ul 99  |
| 16) Acetophenone               | 8.64  | 105 | 533243  | 18.426 | ng/ul 98  |
| 17) N-Nitroso-di-n-propylamine | 8.63  | 70  | 253527  | 16.680 | ng/ul 95  |
| 18) 4-Methylphenol             | 8.59  | 108 | 365157  | 18.558 | ng/ul 99  |
| 19) Hexachloroethane           | 8.90  | 117 | 166197  | 20.806 | ng/ul 91  |
| 22) Nitrobenzene               | 9.02  | 77  | 418071  | 20.394 | ng/ul 99  |
| 23) Isophorone                 | 9.54  | 82  | 755504  | 18.241 | ng/ul 99  |
| 25) 2-Nitrophenol              | 9.73  | 139 | 204740  | 24.882 | ng/ul 94  |
| 26) 2,4-Dimethylphenol         | 9.79  | 107 | 379986  | 19.041 | ng/ul 96  |
| 27) Bis(2-Chloroethoxy)methane | 10.03 | 93  | 471172  | 19.120 | ng/ul 98  |
| 29) 2,4-Dichlorophenol         | 10.27 | 162 | 360604  | 22.089 | ng/ul 95  |
| 30) Naphthalene                | 10.67 | 128 | 1213776 | 21.041 | ng/ul 100 |
| 32) 4-Chloroaniline            | 10.77 | 127 | 483644  | 20.422 | ng/ul 100 |
| 33) Hexachlorobutadiene        | 10.95 | 225 | 266243  | 22.724 | ng/ul 98  |
| 34) Caprolactam                | 11.53 | 113 | 114134  | 18.947 | ng/ul 80  |

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 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020086

Quant Time: Dec 29 12:40:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP120420.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 08 06:09:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 11.91 | 107  | 350756   | 19.352 | ng/ul  | 95       |
| 36) 2-Methylnaphthalene        | 12.28 | 142  | 823136   | 20.258 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene        | 12.50 | 142  | 795549   | 20.366 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216  | 481428   | 23.175 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene  | 12.63 | 237  | 174372   | 13.428 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol      | 12.90 | 196  | 288615   | 24.128 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol      | 12.97 | 196  | 298482   | 23.170 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl              | 13.30 | 154  | 1070548  | 21.641 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene        | 13.34 | 162  | 861906   | 21.973 | ng/ul  | 98       |
| 45) 2-Nitroaniline             | 13.55 | 65   | 208673   | 21.666 | ng/ul  | 92       |
| 47) Dimethylphthalate          | 13.92 | 163  | 1006803  | 20.186 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene         | 14.05 | 165  | 217936   | 24.076 | ng/ul  | 93       |
| 50) Acenaphthylene             | 14.19 | 152  | 1264367  | 21.136 | ng/ul  | 99       |
| 51) 3-Nitroaniline             | 14.37 | 138  | 163385   | 19.340 | ng/ul# | 93       |
| 52) Acenaphthene               | 14.53 | 153  | 880605   | 20.865 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol          | 14.59 | 184  | 75252    | 21.565 | ng/ul  | 94       |
| 55) 4-Nitrophenol              | 14.69 | 109  | 122188   | 20.202 | ng/ul  | 95       |
| 56) Dibenzofuran               | 14.87 | 168  | 1257432  | 21.494 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene         | 14.84 | 165  | 310602   | 25.120 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.10 | 232  | 263278   | 25.055 | ng/ul  | 98       |
| 59) Diethylphthalate           | 15.29 | 149  | 994602   | 19.755 | ng/ul  | 100      |
| 61) Fluorene                   | 15.52 | 166  | 1016129  | 20.934 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenylether | 15.52 | 204  | 537067   | 21.208 | ng/ul  | 98       |
| 63) 4-Nitroaniline             | 15.54 | 138  | 160259   | 20.065 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 152662   | 24.451 | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine     | 15.73 | 169  | 840744   | 19.840 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether  | 16.42 | 248  | 347088   | 21.061 | ng/ul  | 95       |
| 69) Hexachlorobenzene          | 16.54 | 284  | 402983   | 21.926 | ng/ul  | 97       |
| 70) Atrazine                   | 16.69 | 200  | 329489   | 19.905 | ng/ul  | 99       |
| 71) Pentachlorophenol          | 16.89 | 266  | 187338   | 21.340 | ng/ul  | 100      |
| 72) Phenanthrene               | 17.27 | 178  | 1676219  | 21.162 | ng/ul  | 100      |
| 74) Anthracene                 | 17.36 | 178  | 1696635  | 21.025 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216  | 476383   | 22.790 | ng/uL  | 100      |
| 76) Pentachlorobenzene         | 14.79 | 250  | 469132   | 22.205 | ng/uL  | 99       |
| 77) Carbazole                  | 17.64 | 167  | 1462741  | 21.343 | ng/ul  | 99       |
| 78) Di-n-butylphthalate        | 18.19 | 149  | 1712387  | 19.169 | ng/ul  | 100      |
| 80) Fluoranthene               | 19.25 | 202  | 2090450  | 20.836 | ng/ul  | 99       |
| 82) Pyrene                     | 19.60 | 202  | 2146223  | 21.059 | ng/ul  | 99       |
| 83) Butylbenzylphthalate       | 20.47 | 149  | 807054   | 19.491 | ng/ul  | 92       |
| 84) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 530576   | 15.528 | ng/ul  | 100      |
| 85) Benzo(a)anthracene         | 21.31 | 228  | 2174113  | 21.460 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 1203592  | 19.266 | ng/ul  | 100      |
| 87) Chrysene                   | 21.36 | 228  | 2074795  | 21.383 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate       | 22.14 | 149  | 2095919  | 21.438 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 22.97 | 252  | 2232339  | 21.188 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene       | 23.02 | 252  | 2200061  | 21.558 | ng/ul  | 99       |
| 93) Benzo(a)pyrene             | 23.59 | 252  | 2065690  | 21.348 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene     | 26.12 | 276  | 2618068  | 21.125 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene     | 26.12 | 278  | 2187813  | 21.150 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene       | 26.86 | 276  | 2204350  | 21.196 | ng/ul  | 98       |

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Data File : BP004460.D  
Acq On : 29 Dec 2020 11:31  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTD020086

Quant Time: Dec 29 12:40:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP120420.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 08 06:09:39 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
| -----              |      |      |          |      |       |          |
| -----              |      |      |          |      |       |          |

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

