

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
 Data File : BP004387.D  
 Acq On : 19 Dec 2020 11:07  
 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleID :  
 SSTD02089

Quant Time: Dec 21 02:49:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 21 02:36:02 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 236988   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 1003423  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.47 | 164  | 625088   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.23 | 188  | 1379968  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.32 | 240  | 1438238  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.68 | 264  | 1523208  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 41957   | 7.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 389469  | 18.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 222061  | 19.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 311127  | 18.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 313370  | 19.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 159425  | 18.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 173211  | 18.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 325665  | 18.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 363073  | 18.23 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.87 | 166 | 939358  | 18.77 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.16 | 160 | 1164052 | 18.73 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.67 | 143 | 162266  | 17.95 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.47 | 176 | 820476  | 18.74 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 141786  | 15.93 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.33 | 188 | 1274662 | 18.70 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.57 | 212 | 1441185 | 18.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.53 | 264 | 1547617 | 18.45 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 41850   | 7.186  | ng/uL 98  |
| 4) Benzaldehyde                | 6.96  | 77  | 159852  | 15.828 | ng/ul 98  |
| 6) Phenol                      | 7.02  | 94  | 396400  | 19.150 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.25  | 93  | 319836  | 19.306 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.39  | 128 | 310348  | 18.443 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.26  | 108 | 302350  | 19.091 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 362630  | 19.413 | ng/ul 98  |
| 14) Acetophenone               | 8.64  | 105 | 472033  | 19.636 | ng/ul 96  |
| 15) N-Nitroso-di-n-propylamine | 8.63  | 70  | 232228  | 19.108 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.59  | 108 | 328715  | 19.420 | ng/ul 98  |
| 17) Hexachloroethane           | 8.90  | 117 | 134873  | 18.660 | ng/ul 98  |
| 20) Nitrobenzene               | 9.02  | 77  | 363069  | 18.154 | ng/ul 99  |
| 21) Isophorone                 | 9.55  | 82  | 691443  | 18.501 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.73  | 139 | 183450  | 18.555 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.79  | 107 | 345666  | 18.571 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 10.03 | 93  | 433852  | 18.582 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.27 | 162 | 316188  | 18.697 | ng/ul 98  |
| 28) Naphthalene                | 10.67 | 128 | 1043009 | 18.502 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.77 | 127 | 348538  | 18.438 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.96 | 225 | 222082  | 18.448 | ng/ul 97  |
| 32) Caprolactam                | 11.53 | 113 | 102464  | 18.598 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.91 | 107 | 316187  | 18.553 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.28 | 142 | 727857  | 18.718 | ng/ul 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
 Data File : BP004387.D  
 Acq On : 19 Dec 2020 11:07  
 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD02089

Quant Time: Dec 21 02:49:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 21 02:36:02 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.50 | 142  | 849035   | 18.756 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216  | 415932   | 18.682 | ng/ul | 100      |
| 38) Hexachlorocyclopentadiene  | 12.63 | 237  | 209605   | 16.482 | ng/ul | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.90 | 196  | 253842   | 18.410 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.97 | 196  | 270690   | 18.588 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.30 | 154  | 959484   | 18.791 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.34 | 162  | 759758   | 18.646 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.55 | 65   | 190408   | 18.463 | ng/ul | 97       |
| 45) Dimethylphthalate          | 13.92 | 163  | 939300   | 18.738 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 14.05 | 165  | 196302   | 18.793 | ng/ul | 100      |
| 48) Acenaphthylene             | 14.19 | 152  | 1140332  | 18.786 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.37 | 138  | 151137   | 17.146 | ng/ul | 100      |
| 50) Acenaphthene               | 14.53 | 153  | 791726   | 18.617 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.59 | 184  | 75510    | 13.249 | ng/ul | 97       |
| 53) 4-Nitrophenol              | 14.69 | 109  | 114253   | 18.010 | ng/ul | 98       |
| 54) Dibenzofuran               | 14.87 | 168  | 1127975  | 18.836 | ng/ul | 98       |
| 55) 2,4-Dinitrotoluene         | 14.84 | 165  | 280878   | 18.751 | ng/ul | 99       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.10 | 232  | 236907   | 18.390 | ng/ul | 97       |
| 57) Diethylphthalate           | 15.30 | 149  | 918702   | 18.632 | ng/ul | 99       |
| 59) Fluorene                   | 15.52 | 166  | 912982   | 18.815 | ng/ul | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.52 | 204  | 486293   | 18.737 | ng/ul | 100      |
| 61) 4-Nitroaniline             | 15.54 | 138  | 159300   | 17.193 | ng/ul | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.61 | 198  | 151865   | 16.160 | ng/ul | 98       |
| 65) N-Nitrosodiphenylamine     | 15.73 | 169  | 763525   | 18.416 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.42 | 248  | 309725   | 18.540 | ng/ul | 98       |
| 67) Hexachlorobenzene          | 16.53 | 284  | 359784   | 18.562 | ng/ul | 98       |
| 68) Atrazine                   | 16.69 | 200  | 286936   | 18.349 | ng/ul | 97       |
| 69) Pentachlorophenol          | 16.88 | 266  | 165690   | 16.255 | ng/ul | 99       |
| 70) Phenanthrene               | 17.27 | 178  | 1484075  | 18.519 | ng/ul | 100      |
| 72) Anthracene                 | 17.36 | 178  | 1508499  | 18.796 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216  | 415616   | 18.602 | ng/uL | 98       |
| 74) Pentachlorobenzene         | 14.79 | 250  | 410004   | 18.525 | ng/uL | 98       |
| 75) Carbazole                  | 17.63 | 167  | 1283817  | 19.348 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.19 | 149  | 1525472  | 18.302 | ng/ul | 100      |
| 77) Fluoranthene               | 19.25 | 202  | 1790661  | 19.698 | ng/ul | 99       |
| 80) Pvrene                     | 19.60 | 202  | 1839175  | 18.778 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.47 | 149  | 687032   | 18.374 | ng/ul | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 490619   | 16.438 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.31 | 228  | 1804228  | 18.613 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 1019247  | 18.429 | ng/ul | 99       |
| 85) Chrysene                   | 21.36 | 228  | 1763768  | 18.846 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 22.14 | 149  | 1720713  | 19.160 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 1836013  | 18.480 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 23.01 | 252  | 1841359  | 19.103 | ng/ul | 100      |
| 91) Benzo(a)pyrene             | 23.57 | 252  | 1714517  | 18.709 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.10 | 276  | 2133449  | 18.425 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 26.12 | 278  | 1779532  | 18.453 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 26.84 | 276  | 1775863  | 18.281 | ng/ul | 99       |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP121820\  
Data File : BP004387.D  
Acq On : 19 Dec 2020 11:07  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTD02089

Quant Time: Dec 21 02:49:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Dec 21 02:36:02 2020  
Response via : Initial Calibration

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004387.D  
Acq On : 19 Dec 2020 11:07  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTD02089

Quant Time: Dec 21 02:49:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Dec 21 02:36:02 2020  
Response via : Initial Calibration

