

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
 Data File : BP006595.D  
 Acq On : 08 Aug 2021 08:01  
 Operator : CG/JU  
 Sample : M3169-21  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C00C0

Quant Time: Aug 09 01:38:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 09 01:37:18 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------------|--------|----------|
| -----                         |        |      |          |            |        |          |
| Internal Standards            |        |      |          |            |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 103      | 20.000     | ng/ul  | # 0.00   |
| 20) Naphthalene-d8            | 10.516 | 136  | 170      | 20.000     | ng/ul  | #-0.02   |
| 38) Acenaphthene-d10          | 14.363 | 164  | 1398     | 20.000     | ng/ul  | #-0.02   |
| 64) Phenanthrene-d10          | 17.228 | 188  | 1243784  | 20.000     | ng/ul  | 0.09     |
| 79) Chrysene-d12              | 21.351 | 240  | 1647     | 20.000     | ng/ul  | # 0.12   |
| 88) Perylene-d12              | 23.686 | 264  | 596      | 20.000     | ng/ul  | # 0.13   |
| System Monitoring Compounds   |        |      |          |            |        |          |
| 3) 1,4-Dioxane-d8             | 3.276  | 96   | 12995    | 4709.445   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 121799   | 14868.769  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.928  | 99   | 430132   | 44464.381  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.093  | 67   | 279427   | 46423.845  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.281  | 132  | 336271   | 46789.453  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.458  | 113  | 306783   | 40327.203  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.905  | 128  | 173812   | 137312.269 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.622  | 143  | 183552   | 151867.220 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.158 | 165  | 301922   | 127477.709 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.675 | 131  | 252325   | 64712.073  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.799 | 166  | 990279   | 9952.675   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.069 | 160  | 1228298  | 10047.988  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.587 | 143  | 148548   | 7519.066   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.375 | 176  | 841799   | 10063.980  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 200  | 83797    | 12.085     | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.228 | 188  | 1244563  | 22.166     | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.475 | 212  | 1349941  | 15935.428  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.422 | 264  | 1452940  | 47972.273  | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |            |        |          |
|                               |        |      |          |            | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 277      | 95.081     | ng/ul# | 1        |
| 5) Pyridine                   | 3.687  | 79   | 155      | 18.144     | ng/ul# | 1        |
| 6) Benzaldehyde               | 6.905  | 77   | 8050     | 1525.221   | ng/ul  | 98       |
| 8) Phenol                     | 6.958  | 94   | 3644     | 368.517    | ng/ul# | 85       |
| 10) Bis(2-Chloroethyl)ether   | 7.181  | 93   | 774      | 99.512     | ng/ul# | 81       |
| 12) 2-Chlorophenol            | 7.317  | 128  | 98       | 13.450     | ng/ul# | 30       |
| 13) 2-Methylphenol            | 8.181  | 108  | 78       | 10.810     | ng/ul  | 84       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.275  | 45   | 91       | 10.472     | ng/ul# | 1        |
| 16) Acetophenone              | 8.575  | 105  | 11945    | 1021.092   | ng/ul  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.563  | 70   | 244      | 39.869     | ng/ul# | 1        |
| 18) 4-Methylphenol            | 8.522  | 108  | 3075     | 396.858    | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.805  | 117  | 114      | 38.249     | ng/ul# | 27       |
| 22) Nitrobenzene              | 8.899  | 77   | 2530     | 770.352    | ng/ul# | 43       |
| 23) Isophorone                | 9.452  | 82   | 1477     | 251.567    | ng/ul# | 1        |
| 25) 2-Nitrophenol             | 9.634  | 139  | 147      | 110.293    | ng/ul# | 1        |
| 26) 2,4-Dimethylphenol        | 9.746  | 107  | 759      | 240.125    | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 9.946  | 93   | 89       | 23.605     | ng/ul# | 1        |
| 29) 2,4-Dichlorophenol        | 10.163 | 162  | 60       | 25.821     | ng/ul# | 1        |
| 30) Naphthalene               | 10.581 | 128  | 36940    | 4188.130   | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.675 | 127  | 272      | 70.813     | ng/ul# | 1        |
| 33) Hexachlorobutadiene       | 10.852 | 225  | 12       | 8.465      | ng/ul# | 21       |
| 34) Caprolactam               | 11.522 | 113  | 254      | 316.566    | ng/ul  | 89       |
| 35) 4-Chloro-3-methylphenol   | 11.957 | 107  | 107      | 38.573     | ng/ul  | 86       |
| 36) 2-Methylnaphthalene       | 12.193 | 142  | 43744    | 7237.933   | ng/ul  | 93       |

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| 37) 1-Methylnaphthalene       | 12.410 | 142  | 34104    | 5606.134  | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.875 | 196  | 41       | 1.605     | ng/ul# | 22       |
| 43) 1,1'-Biphenyl             | 13.210 | 154  | 25652    | 244.778   | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.110 | 162  | 92       | 1.163     | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.428 | 65   | 271      | 11.595    | ng/ul# | 54       |
| 47) Dimethylphthalate         | 13.834 | 163  | 149      | 1.526     | ng/ul# | 41       |
| 48) 2,6-Dinitrotoluene        | 13.946 | 165  | 135      | 7.561     | ng/ul# | 1        |
| 50) Acenaphthylene            | 14.099 | 152  | 275633   | 2315.386  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.269 | 138  | 181      | 8.652     | ng/ul# | 77       |
| 52) Acenaphthene              | 14.440 | 153  | 23760    | 272.033   | ng/ul# | 90       |
| 53) 2,4-Dinitrophenol         | 14.475 | 184  | 38       | 3.588     | ng/ul# | 1        |
| 55) 4-Nitrophenol             | 14.575 | 109  | 258      | 16.145    | ng/ul# | 61       |
| 56) Dibenzofuran              | 14.781 | 168  | 80675    | 688.744   | ng/ul  | 92       |
| 57) 2,4-Dinitrotoluene        | 14.740 | 165  | 2884     | 113.030   | ng/ul# | 73       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.969 | 232  | 150      | 7.530     | ng/ul# | 1        |
| 59) Diethylphthalate          | 15.210 | 149  | 1944     | 19.217    | ng/ul# | 65       |
| 61) Fluorene                  | 15.428 | 166  | 180089   | 1869.084  | ng/ul# | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.422 | 204  | 100      | 2.226     | ng/ul# | 1        |
| 63) 4-Nitroaniline            | 15.422 | 138  | 2367     | 115.197   | ng/ul# | 52       |
| 72) Phenanthrene              | 17.263 | 178  | 430348   | 6.444     | ng/ul  | 99       |
| 74) Anthracene                | 17.263 | 178  | 420698   | 6.212     | ng/ul  | 97       |
| 80) Fluoranthene              | 19.298 | 202  | 225470   | 2160.012  | ng/ul  | 99       |
| 82) Pyrene                    | 19.504 | 202  | 1832023  | 16913.702 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.516 | 149  | 14471    | 325.606   | ng/ul# | 44       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 7972     | 219.680   | ng/ul# | 1        |
| 85) Benzo(a)anthracene        | 21.345 | 228  | 2672     | 26.182    | ng/ul# | 1        |
| 86) Bis(2-ethylhexyl)phtha... | 21.269 | 149  | 3767     | 54.136    | ng/ul# | 51       |
| 87) Chrysene                  | 21.404 | 228  | 69372    | 709.152   | ng/ul# | 23       |
| 89) Di-n-octyl phthalate      | 22.198 | 149  | 13316    | 320.605   | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.045 | 252  | 220315   | 5819.788  | ng/ul# | 39       |
| 91) Benzo(k)fluoranthene      | 23.045 | 252  | 220315   | 6131.929  | ng/ul# | 40       |
| 93) Benzo(a)pyrene            | 23.551 | 252  | 959      | 28.982    | ng/ul# | 1        |
| 94) Indeno(1,2,3-cd)pyrene    | 25.980 | 276  | 506503   | 11957.866 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.104 | 278  | 50748    | 1414.577  | ng/ul# | 15       |
| 96) Benzo(g,h,i)perylene      | 26.857 | 276  | 458      | 13.087    | ng/ul# | 1        |

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

