

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062723\  
 Data File : BP015760.D  
 Acq On : 27 Jun 2023 23:07  
 Operator : MA/JU  
 Sample : 03101-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZEM0

Quant Time: Jun 28 03:20:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------------|--------|----------|
| -----                         |        |      |          |            |        |          |
| Internal Standards            |        |      |          |            |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 47       | 20.000     | ng/ul  | # 0.00   |
| 20) Naphthalene-d8            | 10.887 | 136  | 47       | 20.000     | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.710 | 164  | 339      | 20.000     | ng/ul  | # 0.00   |
| 64) Phenanthrene-d10          | 17.575 | 188  | 660446   | 20.000     | ng/ul  | # 0.10   |
| 79) Chrysene-d12              | 21.680 | 240  | 307      | 20.000     | ng/ul  | # 0.12   |
| 88) Perylene-d12              | 24.245 | 264  | 213      | 20.000     | ng/ul  | # 0.13   |
| System Monitoring Compounds   |        |      |          |            |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 15095    | 11555.269  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.834  | 84   | 131679   | 39987.634  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.234  | 99   | 209078   | 51991.501  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.387  | 67   | 142361   | 57220.402  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.593  | 132  | 180571   | 59483.931  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.799  | 113  | 138805   | 43692.756  | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 9.252  | 128  | 80646    | 224521.583 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.987  | 143  | 86298    | 205853.598 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.540 | 165  | 141829   | 189852.138 | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 11.063 | 131  | 149100   | 155368.246 | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 14.122 | 166  | 495995   | 18929.601  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.410 | 160  | 571487   | 19402.212  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.992 | 143  | 27010    | 7811.461   | ng/ul  | 0.05     |
| 60) Fluorene-d10              | 15.710 | 176  | 420466   | 19488.775  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.010 | 200  | 151      | 0.037      | ng/ul  | 0.15     |
| 73) Anthracene-d10            | 17.575 | 188  | 664941   | 22.041     | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 849135   | 42358.379  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 921406   | 85754.640  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |            |        |          |
|                               |        |      |          |            |        | Qvalue   |
| 2) 1,4-Dioxane                | 3.417  | 88   | 270      | 192.059    | ng/uL# | 26       |
| 5) Pyridine                   | 3.840  | 79   | 557      | 161.687    | ng/ul# | 1        |
| 6) Benzaldehyde               | 7.205  | 77   | 165      | 101.486    | ng/ul# | 32       |
| 8) Phenol                     | 7.258  | 94   | 454      | 108.792    | ng/ul# | 1        |
| 10) Bis(2-Chloroethyl)ether   | 7.487  | 93   | 59       | 17.770     | ng/ul# | 73       |
| 12) 2-Chlorophenol            | 7.634  | 128  | 80       | 24.806     | ng/ul# | 1        |
| 13) 2-Methylphenol            | 8.516  | 108  | 55       | 17.456     | ng/ul# | 21       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.569  | 45   | 10       | 2.205      | ng/ul# | 1        |
| 16) Acetophenone              | 8.899  | 105  | 114      | 21.830     | ng/ul# | 1        |
| 17) N-Nitroso-di-n-propyla... | 8.881  | 70   | 86       | 29.651     | ng/ul# | 1        |
| 18) 4-Methylphenol            | 8.963  | 108  | 25       | 7.385      | ng/ul  | 84       |
| 19) Hexachloroethane          | 9.146  | 117  | 16       | 10.742     | ng/ul# | 30       |
| 22) Nitrobenzene              | 9.269  | 77   | 371      | 367.806    | ng/ul# | 62       |
| 23) Isophorone                | 9.816  | 82   | 188      | 97.396     | ng/ul# | 71       |
| 25) 2-Nitrophenol             | 10.004 | 139  | 69       | 155.086    | ng/ul# | 1        |
| 26) 2,4-Dimethylphenol        | 10.069 | 107  | 24       | 24.539     | ng/ul# | 37       |
| 27) Bis(2-Chloroethoxy)met... | 10.287 | 93   | 17       | 15.601     | ng/ul# | 1        |
| 29) 2,4-Dichlorophenol        | 10.557 | 162  | 15       | 20.196     | ng/ul# | 1        |
| 30) Naphthalene               | 10.922 | 128  | 94       | 36.790     | ng/ul# | 1        |
| 32) 4-Chloroaniline           | 11.081 | 127  | 516      | 517.531    | ng/ul# | 73       |
| 33) Hexachlorobutadiene       | 11.199 | 225  | 19       | 33.876     | ng/ul# | 58       |
| 34) Caprolactam               | 11.857 | 113  | 19       | 83.633     | ng/ul# | 1        |
| 35) 4-Chloro-3-methylphenol   | 12.216 | 107  | 24       | 27.606     | ng/ul  | 97       |
| 36) 2-Methylnaphthalene       | 12.493 | 142  | 41       | 24.376     | ng/ul  | 93       |

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|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| 37) 1-Methylnaphthalene       | 12.751 | 142  | 69       | 40.214    | ng/ul# | 57       |
| 39) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 15       | 1.343     | ng/ul# | 28       |
| 40) Hexachlorocyclopentadiene | 12.869 | 237  | 5        | 1.496     | ng/ul# | 1        |
| 41) 2,4,6-Trichlorophenol     | 13.163 | 196  | 46       | 6.516     | ng/ul# | 40       |
| 42) 2,4,5-Trichlorophenol     | 13.234 | 196  | 19       | 2.537     | ng/ul# | 1        |
| 45) 2-Nitroaniline            | 13.793 | 65   | 67       | 10.067    | ng/ul# | 28       |
| 47) Dimethylphthalate         | 14.175 | 163  | 242      | 8.924     | ng/ul# | 85       |
| 48) 2,6-Dinitrotoluene        | 14.292 | 165  | 69       | 12.544    | ng/ul# | 75       |
| 50) Acenaphthylene            | 14.440 | 152  | 1157     | 35.649    | ng/ul# | 84       |
| 51) 3-Nitroaniline            | 14.640 | 138  | 32       | 7.419     | ng/ul# | 35       |
| 52) Acenaphthene              | 14.781 | 153  | 5945     | 264.158   | ng/ul  | 89       |
| 53) 2,4-Dinitrophenol         | 14.869 | 184  | 5        | 1.713     | ng/ul# | 1        |
| 55) 4-Nitrophenol             | 14.957 | 109  | 88       | 24.559    | ng/ul# | 30       |
| 56) Dibenzofuran              | 15.122 | 168  | 5421     | 173.517   | ng/ul  | 87       |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 52       | 6.937     | ng/ul# | 76       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.334 | 232  | 18       | 2.798     | ng/ul# | 1        |
| 59) Diethylphthalate          | 15.510 | 149  | 170      | 6.195     | ng/ul# | 65       |
| 61) Fluorene                  | 15.769 | 166  | 12602    | 497.299   | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.810 | 138  | 22       | 7.452     | ng/ul# | 4        |
| 72) Phenanthrene              | 17.516 | 178  | 455605   | 12.698    | ng/ul  | 98       |
| 77) Carbazole                 | 17.892 | 167  | 53254    | 1.753     | ng/ul  | 98       |
| 80) Fluoranthene              | 19.475 | 202  | 849466   | 34096.241 | ng/ul  | 99       |
| 82) Pyrene                    | 19.827 | 202  | 645186   | 25387.110 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.792 | 149  | 360      | 34.722    | ng/ul# | 66       |
| 84) 3,3'-Dichlorobenzidine    | 21.586 | 252  | 2250     | 324.210   | ng/ul# | 60       |
| 85) Benzo(a)anthracene        | 21.598 | 228  | 255442   | 11828.229 | ng/ul  | 94       |
| 86) Bis(2-ethylhexyl)phtha... | 21.557 | 149  | 495      | 34.739    | ng/ul# | 88       |
| 87) Chrysene                  | 21.598 | 228  | 254245   | 12408.636 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.510 | 149  | 1329     | 85.377    | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.457 | 252  | 635      | 46.397    | ng/ul# | 1        |
| 91) Benzo(k)fluoranthene      | 23.521 | 252  | 28190    | 2038.608  | ng/ul# | 70       |
| 93) Benzo(a)pyrene            | 23.992 | 252  | 198709   | 16616.113 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.809 | 276  | 147403   | 9079.698  | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.939 | 278  | 8748     | 656.038   | ng/ul# | 39       |
| 96) Benzo(g,h,i)perylene      | 27.651 | 276  | 119593   | 8954.521  | ng/ul  | 98       |
| -----                         |        |      |          |           |        |          |

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

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