

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070221\  
 Data File : VX023108.D  
 Acq On : 02 Jul 2021 13:49  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Manual Integrations  
 APPROVED

SAM  
 7/6/2021 1:51:46 PM

Quant Time: Jul 05 02:52:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.562          | 168  | 232605     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769          | 114  | 377951     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.061         | 117  | 339719     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 147094     | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964          | 65   | 155491     | 49.738  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 99.480% |        |          |
| 35) Dibromofluoromethane      | 5.397          | 113  | 120541     | 49.389  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 98.780% |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 454412     | 49.912  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 99.820% |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 162468     | 46.225  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.440% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.172          | 85   | 1069       | 0.507   | ug/l   | 87       |
| 3) Chloromethane              | 1.300          | 50   | 1072       | 0.514   | ug/l   | 89       |
| 4) Vinyl Chloride             | 1.374          | 62   | 850        | 0.385   | ug/l # | 59       |
| 7) Trichlorofluoromethane     | 1.892          | 101  | 1321       | 0.344   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo...  | 2.337          | 101  | 1339       | 0.596   | ug/l   | 93       |
| 10) Methyl Iodide             | 2.465          | 142  | 2329       | 0.844   | ug/l   | 94       |
| 12) 1,1-Dichloroethene        | 2.325          | 96   | 1212       | 0.585   | ug/l   | 90       |
| 15) Acrylonitrile             | 3.075          | 53   | 1983       | 1.551   | ug/l # | 87       |
| 16) Acetone                   | 2.392          | 43   | 1940       | 1.569   | ug/l   | 90       |
| 17) Carbon Disulfide          | 2.514          | 76   | 8611       | 1.969   | ug/l   | 97       |
| 20) Methylene Chloride        | 2.794          | 84   | 2398       | 0.901   | ug/l # | 68       |
| 21) trans-1,2-Dichloroethene  | 3.105          | 96   | 1674       | 0.748   | ug/l   | 88       |
| 23) Vinyl Acetate             | 3.739          | 43   | 3269       | 0.508   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene    | 4.495          | 96   | 1086       | 0.400   | ug/l   | 76       |
| 28) Bromochloromethane        | 4.903          | 49   | 675        | 0.331   | ug/l # | 93       |
| 30) Chloroform                | 5.092          | 83   | 1200m      | 0.259   | ug/l   |          |
| 31) Cyclohexane               | 5.470          | 56   | 1578       | 0.422   | ug/l # | 82       |
| 36) 1,1-Dichloropropene       | 5.714          | 75   | 1979       | 0.587   | ug/l # | 41       |
| 38) Carbon Tetrachloride      | 5.690          | 117  | 806        | 0.229   | ug/l # | 74       |
| 39) Methylcyclohexane         | 7.391          | 83   | 1885       | 0.478   | ug/l   | 91       |
| 40) Benzene                   | 6.050          | 78   | 2161       | 0.221   | ug/l # | 87       |
| 44) Trichloroethene           | 7.135          | 130  | 1398       | 0.504   | ug/l   | 91       |
| 46) Dibromomethane            | 7.592          | 93   | 866        | 0.475   | ug/l # | 83       |
| 52) Toluene                   | 8.726          | 92   | 1667       | 0.263   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.988          | 75   | 1045       | 2.971   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.378          | 75   | 1028       | 2.397   | ug/l # | 94       |
| 58) 2-Chloroethyl Vinyl ether | 8.250          | 63   | 1159       | 5.198   | ug/l   | 95       |
| 59) 2-Hexanone                | 9.439          | 43   | 1751       | 0.602   | ug/l   | 73       |
| 60) Dibromochloromethane      | 9.531          | 129  | 244        | 3.190   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610          | 107  | 563        | 0.206   | ug/l   | 94       |
| 64) Tetrachloroethene         | 9.275          | 164  | 1348       | 0.497   | ug/l # | 70       |
| 65) Chlorobenzene             | 10.085         | 112  | 2614       | 0.389   | ug/l   | 92       |
| 67) Ethyl Benzene             | 10.201         | 91   | 4304       | 0.363   | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.311         | 106  | 3301       | 0.728   | ug/l   | 96       |
| 69) o-Xylene                  | 10.646         | 106  | 1311       | 0.287   | ug/l   | 72       |
| 70) Styrene                   | 10.665         | 104  | 2305       | 0.309   | ug/l   | 95       |

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 Response via : Initial Calibration

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|----------------------------|--------|------|----------|-------|--------|----------|
| -----                      |        |      |          |       |        |          |
| 73) Isopropylbenzene       | 10.969 | 105  | 4060     | 0.392 | ug/l   | 96       |
| 77) Bromobenzene           | 11.207 | 156  | 1236     | 0.478 | ug/l   | 93       |
| 78) n-propylbenzene        | 11.305 | 91   | 6335     | 0.529 | ug/l   | 97       |
| 79) 2-Chlorotoluene        | 11.366 | 91   | 3327     | 0.449 | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene | 11.457 | 105  | 3914     | 0.439 | ug/l   | 96       |
| 82) 4-Chlorotoluene        | 11.457 | 91   | 5429     | 0.649 | ug/l   | 100      |
| 83) tert-Butylbenzene      | 11.719 | 119  | 3946     | 0.466 | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105  | 3959     | 0.449 | ug/l   | 99       |
| 85) sec-Butylbenzene       | 11.896 | 105  | 5985     | 0.549 | ug/l   | 94       |
| 86) p-Isopropyltoluene     | 12.012 | 119  | 5350     | 0.585 | ug/l # | 86       |
| 87) 1,3-Dichlorobenzene    | 11.975 | 146  | 3344     | 0.688 | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene    | 12.049 | 146  | 4204m    | 0.859 | ug/l   |          |
| 89) n-Butylbenzene         | 12.335 | 91   | 6334     | 0.791 | ug/l   | 95       |
| 90) Hexachloroethane       | 12.542 | 117  | 335      | 3.197 | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene    | 12.341 | 146  | 2608     | 0.540 | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene | 13.591 | 180  | 4099     | 1.377 | ug/l   | 91       |
| 94) Hexachlorobutadiene    | 13.725 | 225  | 2394     | 1.899 | ug/l   | 94       |
| 95) Naphthalene            | 13.780 | 128  | 9084     | 2.082 | ug/l # | 95       |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180  | 3480     | 1.162 | ug/l   | 96       |
| -----                      |        |      |          |       |        |          |

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

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