

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120621\  
 Data File : VW021183.D  
 Acq On : 06 Dec 2021 21:38  
 Operator : SY/VA  
 Sample : M4888-11  
 Misc : 6.33g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EX8B6

Quant Time: Dec 07 07:50:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120321SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 07 07:23:32 2021  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 8.841  | 114      | 87949    | 25.000 | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          |        | 11.628 | 117      | 72129    | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 27573    | 25.000 | ug/L      | 0.00     |
|                               |        |        |          |          |        |           |          |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 2.349  | 65       | 41410    | 33.794 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 135.160%  |          |
| 7) Chloroethane-d5            |        | 2.879  | 69       | 25735    | 31.373 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 125.480%  |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.013  | 63       | 37198    | 19.002 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 76.000%   |          |
| 21) 2-Butanone-d5             |        | 7.080  | 46       | 16771    | 60.004 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 120.000%  |          |
| 24) Chloroform-d              |        | 7.647  | 84       | 61150    | 27.763 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 111.040%  |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.305  | 65       | 35104    | 29.133 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 116.520%  |          |
| 32) Benzene-d6                |        | 8.274  | 84       | 116327   | 31.542 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 126.160%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.274  | 67       | 33457    | 32.644 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 130.560%# |          |
| 41) Toluene-d8                |        | 10.323 | 98       | 102604   | 27.132 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 108.520%  |          |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 11847    | 25.457 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 101.840%  |          |
| 47) 2-Hexanone-d5             |        | 10.920 | 63       | 13163    | 67.128 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 134.260%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.694 | 84       | 27238    | 28.727 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 114.920%  |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.847 | 152      | 28657    | 29.007 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 116.040%  |          |
|                               |        |        |          |          |        |           |          |
| Target Compounds              |        |        |          |          |        | Qvalue    |          |
| 34) Trichloroethene           |        | 9.091  | 95       | 1998     | 1.766  | ug/L      | # 82     |
| 46) Tetrachloroethene         |        | 10.859 | 164      | 2662     | 2.569  | ug/L      | 96       |
| -----                         |        |        |          |          |        |           |          |

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

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