

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
 Data File : VW020488.D  
 Acq On : 14 Oct 2021 12:46  
 Operator : SY/VA  
 Sample : M4181-20RE  
 Misc : 6.43g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B29RE

Quant Time: Oct 14 23:36:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 14 23:35:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 192459   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 110440   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 16215    | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 73192    | 26.14    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 104.56%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 42316    | 28.61    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 114.44%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 102361   | 17.84    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.36%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 33112    | 38.85    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.70%   |
| 24) Chloroform-d              | 7.653  | 84    | 160276   | 26.13    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 104.52%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 82961    | 23.68    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.72%   |
| 32) Benzene-d6                | 8.275  | 84    | 293293   | 40.37    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 161.48%# |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 98863    | 41.76    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 167.04%# |
| 41) Toluene-d8                | 10.323 | 98    | 211196   | 32.40    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 129.60%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 21669    | 22.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 90.08%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 18155    | 49.85    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.70%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 51229    | 28.63    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 114.52%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 20464    | 32.26    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 129.04%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 9.336  | 83    | 3589     | 1.08     | ug/L   | 94       |
| 42) Toluene                   | 10.390 | 91    | 11139    | 1.41     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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