

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081821\  
 Data File : VW019776.D  
 Acq On : 18 Aug 2021 16:04  
 Operator : SY/VA  
 Sample : M3458-06  
 Misc : 6.66g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 C0AR7

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2021 6:15:37 PM

Quant Time: Aug 19 05:17:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 19 05:14:25 2021  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 8.848  | 114      | 14307    | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.634 | 117      | 13314    | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 3979     | 25.000 | ug/L      | 0.00     |
|                               |        |        |          |          |        |           |          |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 2.361  | 65       | 8746     | 39.455 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 157.800%# |          |
| 7) Chloroethane-d5            |        | 2.892  | 69       | 8720     | 44.817 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 179.280%# |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.025  | 63       | 9489     | 24.669 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 98.680%   |          |
| 21) 2-Butanone-d5             |        | 7.092  | 46       | 3582     | 79.553 | ug/L      | 0.01     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 159.100%# |          |
| 24) Chloroform-d              |        | 7.653  | 84       | 15783    | 40.113 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 160.440%# |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.311  | 65       | 10787    | 50.873 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 203.480%# |          |
| 32) Benzene-d6                |        | 8.281  | 84       | 25507    | 33.600 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 134.400%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.275  | 67       | 10096    | 43.917 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 175.680%# |          |
| 41) Toluene-d8                |        | 10.329 | 98       | 16833    | 24.197 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 96.800%   |          |
| 43) trans-1,3-Dichloroprop... |        | 10.585 | 79       | 3249     | 34.211 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 136.840%# |          |
| 47) 2-Hexanone-d5             |        | 10.927 | 63       | 1613     | 50.366 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 100.740%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.695 | 84       | 9037     | 48.299 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 193.200%# |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 4055     | 29.709 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 118.840%  |          |
|                               |        |        |          |          |        |           |          |
| Target Compounds              |        |        |          |          |        |           | Qvalue   |
| 13) Acetone                   |        | 4.154  | 43       | 718m     | 18.680 | ug/L      |          |
| 16) Methylene chloride        |        | 4.928  | 84       | 716m     | 2.916  | ug/L      |          |
| 42) Toluene                   |        | 10.384 | 91       | 287      | 0.332  | ug/L      | 77       |
| -----                         |        |        |          |          |        |           |          |

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

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