

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092321\  
 Data File : VW020138.D  
 Acq On : 23 Sep 2021 12:02  
 Operator : SY/VA  
 Sample : M3834-03  
 Misc : 7.18g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW404

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2021 10:53:42 AM

Quant Time: Sep 24 01:40:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 24 01:36:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 310933   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 240241   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 65998    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 123518   | 19.418   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 77.680%  |
| 7) Chloroethane-d5            | 2.892  | 69    | 98309    | 20.515   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 82.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 140518m  | 14.109   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 56.440%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 43766    | 44.587   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 89.180%  |
| 24) Chloroform-d              | 7.653  | 84    | 217547   | 22.247   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 124633   | 23.681   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 94.720%  |
| 32) Benzene-d6                | 8.281  | 84    | 393622   | 25.682   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 102.720% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 125457   | 28.283   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 113.120% |
| 41) Toluene-d8                | 10.329 | 98    | 300042   | 21.515   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 86.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 43186    | 22.779   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 91.120%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 31393    | 51.141   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 102.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 89791    | 26.243   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 104.960% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 61393    | 24.808   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 99.240%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.928  | 84    | 16870    | 3.075    | ug/L  | 97       |
| 42) Toluene                   | 10.390 | 91    | 5289     | 0.343    | ug/L  | 92       |
| -----                         |        |       |          |          |       |          |

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

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