

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100621\  
 Data File : VW020342.D  
 Acq On : 07 Oct 2021 03:27  
 Operator : SY/VA  
 Sample : M4000-16  
 Misc : 8.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW909

Manual Integrations  
 APPROVED

MMDadoda  
 10/11/2021 2:06:43 PM

Quant Time: Oct 07 05:30:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 07 05:04:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|----------|--------|----------|
| -----                         |                |      |                     |          |        |          |
| Internal Standards            |                |      |                     |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 291537              | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 222048              | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 62208               | 25.000   | ug/L   | 0.00     |
|                               |                |      |                     |          |        |          |
| System Monitoring Compounds   |                |      |                     |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 102660              | 25.550   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 102.200% |          |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 44849               | 25.760   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 103.040% |          |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 143602              | 17.355   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 69.440%  |          |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 49597               | 48.591   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 97.180%  |          |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 188965              | 22.573   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 90.280%  |          |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 105598              | 23.050   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 92.200%  |          |        |          |
| 32) Benzene-d6                | 8.281          | 84   | 383167              | 28.500   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 114.000% |          |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.281          | 67   | 114520              | 26.855   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 107.440% |          |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 300148              | 24.649   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 98.600%  |          |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 42307               | 24.383   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 97.520%  |          |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 30022               | 50.937   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 101.880% |          |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 65726               | 22.083   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 88.320%  |          |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 54253               | 24.906   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 99.640%  |          |        |          |
|                               |                |      |                     |          |        |          |
| Target Compounds              |                |      |                     |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.361          | 62   | 122944              | 23.144   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.044          | 96   | 11816               | 2.913    | ug/L # | 1        |
| 13) Acetone                   | 4.129          | 43   | 4603                | 4.387    | ug/L   | 90       |
| 16) Methylene chloride        | 4.922          | 84   | 14974               | 2.876    | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 5.428          | 96   | 32380               | 7.625    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 4696651             | 1081.453 | ug/L   | 99       |
| 29) Cyclohexane               | 7.964          | 56   | 12843               | 1.945    | ug/L   | 99       |
| 34) Trichloroethene           | 9.098          | 95   | 22355221m           | 5884.970 | ug/L   |          |
| 35) Methylcyclohexane         | 9.342          | 83   | 6368                | 0.961    | ug/L # | 71       |
| 42) Toluene                   | 10.390         | 91   | 9012                | 0.580    | ug/L   | 99       |
| 46) Tetrachloroethene         | 10.866         | 164  | 18409               | 6.584    | ug/L   | 93       |
| -----                         |                |      |                     |          |        |          |

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

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