

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072721\  
 Data File : VW019622.D  
 Acq On : 27 Jul 2021 14:48  
 Operator : SY/VA  
 Sample : M3162-21  
 Misc : 5.02g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 28 00:50:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 28 00:48:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 384379     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 369624     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 179371     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 107288     | 19.700  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.800% |       |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 81916      | 21.092  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.360% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 156514     | 14.894  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 59.560% |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 71071      | 44.961  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.920% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 235078     | 22.134  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.520% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 133520     | 22.909  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.640% |       |          |
| 32) Benzene-d6                | 8.281          | 84   | 460166     | 20.914  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.640% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 147185     | 21.463  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.840% |       |          |
| 41) Toluene-d8                | 10.329         | 98   | 408029     | 20.569  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.280% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 60341      | 20.546  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.200% |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 55410      | 43.552  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.100% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 130530     | 23.556  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.240% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 146177     | 23.098  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.400% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.928          | 84   | 14972      | 1.954   | ug/L  | 97       |
| 42) Toluene                   | 10.390         | 91   | 7865       | 0.326   | ug/L  | 83       |
| -----                         |                |      |            |         |       |          |

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

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