

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060823\  
 Data File : VW026138.D  
 Acq On : 08 Jun 2023 17:54  
 Operator : SY/MD  
 Sample : 03078-12  
 Misc : 6.38g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 ESQY0

Quant Time: Jun 09 01:36:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 09 01:33:49 2023  
 Response via : Initial Calibration

| Compound                           | R.T.   | QIon           | Response   | Conc     | Units | Dev(Min) |
|------------------------------------|--------|----------------|------------|----------|-------|----------|
| <b>Internal Standards</b>          |        |                |            |          |       |          |
| 1) 1,4-Difluorobenzene             | 8.843  | 114            | 657209     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5               | 11.629 | 117            | 537287     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4         | 13.556 | 152            | 177634     | 25.000   | ug/L  | 0.00     |
| <b>System Monitoring Compounds</b> |        |                |            |          |       |          |
| 4) Vinyl Chloride-d3               | 2.363  | 65             | 214588     | 23.210   | ug/L  | -0.01    |
| Spiked Amount                      | 25.000 | Range 30 - 150 | Recovery = | 92.840%  |       |          |
| 7) Chloroethane-d5                 | 2.899  | 69             | 182208     | 26.327   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 30 - 150 | Recovery = | 105.320% |       |          |
| 11) 1,1-Dichloroethene-d2          | 4.021  | 65             | 99493      | 21.824   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 45 - 110 | Recovery = | 87.280%  |       |          |
| 21) 2-Butanone-d5                  | 7.075  | 46             | 158309     | 58.814   | ug/L  | 0.00     |
| Spiked Amount                      | 50.000 | Range 20 - 135 | Recovery = | 117.620% |       |          |
| 24) Chloroform-d                   | 7.648  | 84             | 438256     | 22.772   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 40 - 150 | Recovery = | 91.080%  |       |          |
| 26) 1,2-Dichloroethane-d4          | 8.307  | 65             | 260187     | 24.724   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 70 - 130 | Recovery = | 98.880%  |       |          |
| 32) Benzene-d6                     | 8.276  | 84             | 879365     | 24.323   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 20 - 135 | Recovery = | 97.280%  |       |          |
| 36) 1,2-Dichloropropane-d6         | 9.270  | 67             | 289077     | 25.239   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 70 - 120 | Recovery = | 100.960% |       |          |
| 41) Toluene-d8                     | 10.319 | 98             | 695312     | 21.686   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 30 - 130 | Recovery = | 86.760%  |       |          |
| 43) trans-1,3-Dichloroprop...      | 10.575 | 79             | 98255      | 21.648   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 30 - 135 | Recovery = | 86.600%  |       |          |
| 47) 2-Hexanone-d5                  | 10.922 | 63             | 99895      | 55.313   | ug/L  | 0.00     |
| Spiked Amount                      | 50.000 | Range 20 - 135 | Recovery = | 110.620% |       |          |
| 56) 1,1,2,2-Tetrachloroeth...      | 12.690 | 84             | 227783     | 27.329   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 45 - 120 | Recovery = | 109.320% |       |          |
| 66) 1,2-Dichlorobenzene-d4         | 13.849 | 152            | 160872     | 23.661   | ug/L  | 0.00     |
| Spiked Amount                      | 25.000 | Range 75 - 120 | Recovery = | 94.640%  |       |          |
| <b>Target Compounds</b>            |        |                |            |          |       |          |
| 13) Acetone                        | 4.125  | 43             | 22872      | 10.982   | ug/L  | 96       |
| 16) Methylene chloride             | 4.917  | 84             | 22094      | 2.106    | ug/L  | 90       |
| 20) cis-1,2-Dichloroethene         | 7.173  | 96             | 15275      | 1.536    | ug/L  | 98       |

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

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