

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101422\  
 Data File : VW024930.D  
 Acq On : 14 Oct 2022 14:41  
 Operator : SY/VA  
 Sample : N5119-06  
 Misc : 5.05g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 VHBLK002

Quant Time: Oct 15 00:17:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 15 00:14:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|--------|----------------|------------|---------|-------|----------|
| Internal Standards            |        |                |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 518234     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 471257     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 219398     | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |                |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65             | 131051     | 21.435  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 85.720% |       |          |
| 7) Chloroethane-d5            | 2.885  | 69             | 73915      | 20.649  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 82.600% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63             | 218297     | 16.422  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery = | 65.680% |       |          |
| 21) 2-Butanone-d5             | 7.086  | 46             | 91487      | 47.226  | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 94.460% |       |          |
| 24) Chloroform-d              | 7.653  | 84             | 323161     | 22.109  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery = | 88.440% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 173716     | 22.708  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery = | 90.840% |       |          |
| 32) Benzene-d6                | 8.275  | 84             | 678925     | 22.974  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery = | 91.880% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 210198     | 23.191  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery = | 92.760% |       |          |
| 41) Toluene-d8                | 10.323 | 98             | 601945     | 22.695  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery = | 90.760% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 79308      | 23.071  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery = | 92.280% |       |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 72417      | 47.655  | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 95.300% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84             | 164284     | 23.242  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery = | 92.960% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 186384     | 23.247  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery = | 93.000% |       |          |

Target Compounds Qvalue

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

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