

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071222\  
 Data File : VW023631.D  
 Acq On : 13 Jul 2022 02:44  
 Operator : SY/VA  
 Sample : N3678-09  
 Misc : 6.16g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B28

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022  
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:15:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 13 02:42:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 358745   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 328665   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 129152   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65             | 130011   | 20.020 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 80.080%  |          |
| 7) Chloroethane-d5            | 2.879  | 69             | 85464    | 23.011 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 92.040%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63             | 106774   | 14.584 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 58.320%  |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 64970    | 48.178 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 96.360%  |          |
| 24) Chloroform-d              | 7.647  | 84             | 236926   | 23.186 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 92.760%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 130294   | 22.560 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 90.240%  |          |
| 32) Benzene-d6                | 8.275  | 84             | 436474   | 24.002 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 96.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 133402   | 25.056 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 100.240% |          |
| 41) Toluene-d8                | 10.323 | 98             | 382083   | 21.676 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 86.720%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 42119    | 17.723 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 70.880%  |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 51848    | 49.792 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 99.580%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 121690   | 23.039 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 92.160%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 116711   | 25.047 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 100.200% |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 2.355  | 62             | 16088    | 1.991  | ug/L #   | 58       |
| 13) Acetone                   | 4.129  | 43             | 10180    | 10.243 | ug/L     | 80       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96             | 8685m    | 1.691  | ug/L     |          |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96             | 450032   | 80.020 | ug/L     | 97       |

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

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