

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022219\  
 Data File : VV009338.D  
 Acq On : 22 Feb 2019 19:25  
 Operator : SY/MD  
 Sample : K1579-08  
 Misc : 7.66G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB605

Quant Time: Feb 23 01:12:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 23 00:37:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 95864    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 81762    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 28563    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 34350    | 26.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.72%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 47152    | 31.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 125.00%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 68300    | 21.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 87.12%   |
| 20) 2-Butanone-d5              | 3.95   | 46    | 18815    | 42.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.30%   |
| 24) Chloroform-d               | 4.40   | 84    | 56862    | 25.54    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 32876    | 27.24    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 108.96%  |
| 29) Benzene-d6                 | 5.10   | 84    | 117980   | 28.77    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 115.08%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 38235    | 31.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 126.72%# |
| 37) Toluene-d8                 | 7.36   | 98    | 103209   | 26.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.76%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 15594    | 25.16    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 100.64%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 15791    | 47.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.08%   |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 37818    | 28.66    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 114.64%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 27778    | 26.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.92%  |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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