

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050619\  
 Data File : VV010682.D  
 Acq On : 06 May 2019 17:06  
 Operator : SY/MD  
 Sample : K2634-06  
 Misc : 5.10G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAJB5

Quant Time: May 07 04:42:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 07 04:01:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 136059   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 128846   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 62001    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 21355    | 12.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 49.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 17966    | 14.90    | ug/L | 0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 59.60% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 34741    | 11.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 46.00% |
| 20) 2-Butanone-d5              | 3.93   | 46    | 15891    | 30.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.64% |
| 24) Chloroform-d               | 4.40   | 84    | 71757    | 20.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.68% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 38443    | 19.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 76.36% |
| 29) Benzene-d6                 | 5.10   | 84    | 144681   | 21.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.68% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 46450    | 22.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.84% |
| 37) Toluene-d8                 | 7.36   | 98    | 135854   | 21.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.68% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 16034    | 18.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.88% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 13500    | 37.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.14% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 35052    | 19.01    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 76.04% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 55264    | 23.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.64% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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