

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022219\  
 Data File : VV009342.D  
 Acq On : 22 Feb 2019 21:10  
 Operator : SY/MD  
 Sample : K1579-15  
 Misc : 7.79G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB610

Quant Time: Feb 23 01:22:56 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  | 26452    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 23177    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 6993     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 9577     | 27.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 108.84% |
| 7) Chloroethane-d5             | 1.58   | 69    | 10082    | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.88%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 18950    | 21.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 87.60%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 2983     | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 48.44%  |
| 24) Chloroform-d               | 4.40   | 84    | 15296    | 24.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 8763     | 26.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.24% |
| 29) Benzene-d6                 | 5.10   | 84    | 32700    | 28.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 112.52% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 10016    | 29.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 117.12% |
| 37) Toluene-d8                 | 7.36   | 98    | 27941    | 25.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.00% |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 3459     | 19.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.76%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 2136     | 22.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 44.90%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 10105    | 27.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 108.08% |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 7234     | 28.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 112.68% |

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

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

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