

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\  
 Data File : VV010357.D  
 Acq On : 18 Apr 2019 19:10  
 Operator : SY/MD  
 Sample : K2403-16  
 Misc : 7.43G/10mL/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5130

Quant Time: Apr 19 07:57:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 19 06:08:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 334114   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 326113   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 145890   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 83152    | 19.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 77853    | 21.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.40%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 165018   | 16.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.48%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 81182    | 61.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.88% |
| 24) Chloroform-d               | 4.40   | 84    | 210132   | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 95.68%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 133855   | 25.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.24% |
| 29) Benzene-d6                 | 5.10   | 84    | 390419   | 23.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.56%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 123213   | 25.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 100.88% |
| 37) Toluene-d8                 | 7.36   | 98    | 357078   | 22.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.00%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 55354    | 23.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.16%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 67650    | 62.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 124.38% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 134362   | 27.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 110.00% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 139567   | 24.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.32%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 13749 | 9.860 ug/L | 92     |

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

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