

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\  
 Data File : VV009696.D  
 Acq On : 15 Mar 2019 19:30  
 Operator : SY/MD  
 Sample : K1939-13  
 Misc : 6.43g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF0T6

Quant Time: Mar 16 03:57:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 02:32:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 155563   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 152615   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 66338    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 35270    | 38.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.62%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 23160    | 24.17    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 48.34%# |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 81995    | 33.76    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.52%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 68561    | 100.77   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.77% |
| 24) Chloroform-d               | 4.40    | 84    | 91733    | 45.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 64241    | 48.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.54%  |
| 32) Benzene-d6                 | 5.09    | 84    | 188940   | 47.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.22%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 58854    | 49.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.36    | 98    | 182301   | 47.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.30%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 27490    | 44.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.70%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 57683    | 111.14   | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 95394    | 50.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.10% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 67671    | 48.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.70%  |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.02 | 164 | 46088 | 57.343 ug/L | 99     |

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

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