

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV031219\  
 Data File : VV009616.D  
 Acq On : 12 Mar 2019 20:15  
 Operator : SY/MD  
 Sample : K1818-01ME  
 Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF0Q5ME

Quant Time: Mar 13 07:52:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 13 02:20:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 165809   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 165570   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 73625    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 40394    | 41.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.32%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 25871    | 25.33    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 50.66%# |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 89224    | 34.46    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.92%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 64278    | 88.63    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.63%  |
| 24) Chloroform-d               | 4.40    | 84    | 96825    | 45.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 66587    | 46.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88%  |
| 32) Benzene-d6                 | 5.09    | 84    | 201480   | 46.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 61829    | 48.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.06%  |
| 41) Toluene-d8                 | 7.36    | 98    | 193055   | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.06%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 29433    | 44.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.54%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 55105    | 97.87    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.87%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 97208    | 47.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 72227    | 46.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.00%  |

| Target Compounds      |      |     |       |             | Qvalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.02 | 164 | 39037 | 44.770 ug/L | 93     |

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

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