

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\  
 Data File : VV015402.D  
 Acq On : 03 Apr 2020 17:43  
 Operator : SY/MD  
 Sample : L2045-02  
 Misc : 11.35G/5.0mL/100 uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK02

Quant Time: Apr 04 01:55:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM040120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 04 00:09:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 735771   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 702107   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 361480   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 278268   | 42.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.36%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 239902   | 42.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 615716   | 52.21    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 104.42% |
| 21) 2-Butanone-d5              | 3.95    | 46    | 310190m  | 88.46    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.46%  |
| 24) Chloroform-d               | 4.37    | 84    | 465948   | 42.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 302516   | 44.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.18%  |
| 32) Benzene-d6                 | 5.07    | 84    | 996163   | 46.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 298357   | 46.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 7.33    | 98    | 947126   | 45.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.62%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 159076   | 45.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.32%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 267004   | 91.71    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.71%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 430235   | 47.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.86%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 379599   | 46.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.32%  |

## Target Compounds

|                    |      |    |        |        | Ovalue |
|--------------------|------|----|--------|--------|--------|
| 13) Acetone        | 2.22 | 43 | 6162m  | 2.677  | ug/L   |
| 15) Methyl Acetate | 2.46 | 43 | 161799 | 32.098 | ug/L   |
| 25) Chloroform     | 4.40 | 83 | 12787  | 1.289  | ug/L # |

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

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