

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\  
 Data File : VV014477.D  
 Acq On : 01 Feb 2020 02:08  
 Operator : SY/MD  
 Sample : L1323-14 10X  
 Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAT52

Quant Time: Feb 01 04:17:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM020120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 01 02:36:06 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 451296   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 419703   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 207601   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 104064   | 41.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.04%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 72005    | 46.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 116955   | 34.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.90%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 186569   | 110.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.63% |
| 24) Chloroform-d               | 4.40    | 84    | 231033   | 43.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 153744   | 48.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.24%  |
| 32) Benzene-d6                 | 5.10    | 84    | 507962   | 45.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.92%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 162648   | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.04%  |
| 41) Toluene-d8                 | 7.36    | 98    | 475079   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.14%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 82431    | 46.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.76%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 155465   | 113.65   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 113.65% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 202018   | 44.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.70%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 178197   | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.22%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 2730 | 1.897 ug/L | 91     |
| 25) Chloroform   | 4.42 | 83 | 9329 | 1.705 ug/L | 93     |

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

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