

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\  
 Data File : VV019279.D  
 Acq On : 05 Nov 2020 15:31  
 Operator : SY/MD  
 Sample : L4615-12ME  
 Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG484ME

Quant Time: Nov 05 23:39:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 05 22:32:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 263064   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 263657   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 128986   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 95631    | 45.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.48% |
| 7) Chloroethane-d5             | 1.58    | 69    | 76987    | 47.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.80% |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 146573   | 36.86    | ug/L | -0.03  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.72% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 108018   | 84.36    | ug/L | 0.03   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.36% |
| 24) Chloroform-d               | 4.37    | 84    | 180308   | 46.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.74% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 130561   | 48.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.36% |
| 32) Benzene-d6                 | 5.07    | 84    | 347035   | 46.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.80% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 110012   | 49.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.66% |
| 41) Toluene-d8                 | 7.33    | 98    | 319680   | 44.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.98% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 56195    | 43.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.10% |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 84798    | 87.80    | ug/L | 0.04   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 129338   | 43.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.04% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 133787   | 49.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.74% |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 49100 | 27.611 ug/L | 99     |

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

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