

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\  
 Data File : VV019282.D  
 Acq On : 05 Nov 2020 16:44  
 Operator : SY/MD  
 Sample : L4615-12MERE  
 Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG484MERE

Quant Time: Nov 05 23:48:27 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  | 243878   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 244251   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 119410   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 84310    | 43.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.00%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 72309    | 48.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.06%  |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 132795   | 36.02    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.04%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 101648   | 85.63    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.63%  |
| 24) Chloroform-d               | 4.37    | 84    | 171559   | 47.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.18%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 130416   | 51.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.82% |
| 32) Benzene-d6                 | 5.07    | 84    | 331618   | 47.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 107687   | 52.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.26% |
| 41) Toluene-d8                 | 7.33    | 98    | 294292   | 44.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.44%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 55491    | 46.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.84%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 82489    | 92.20    | ug/L | 0.04    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.20%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 126350   | 45.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.72%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 121425   | 48.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.80%  |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 7.99 | 164 | 44811 | 27.201 ug/L | 98     |

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

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