

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\  
 Data File : VV017962.D  
 Acq On : 13 Aug 2020 11:29  
 Operator : SY/MD  
 Sample : VV0813MBL01  
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK77

Quant Time: Aug 14 04:23:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 14 04:14:46 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 282779   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 275272   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 133861   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 95297    | 44.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.34%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 83580    | 47.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.70%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 149127   | 36.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.26%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 131957   | 93.38    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.38%  |
| 24) Chloroform-d               | 4.37    | 84    | 184828   | 47.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.12%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 125086   | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.06%  |
| 32) Benzene-d6                 | 5.07    | 84    | 372303   | 49.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.16%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 120614   | 48.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.26%  |
| 41) Toluene-d8                 | 7.33    | 98    | 332349   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.42%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52545    | 46.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.42%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 67667    | 85.02    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 148052   | 45.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.68%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 137630   | 52.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.48% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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