

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\  
 Data File : VV017544.D  
 Acq On : 20 Jul 2020 15:03  
 Operator : SY/MD  
 Sample : L3336-11  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 PMW-8S

Quant Time: Jul 21 02:53:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM072020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jul 20 18:07:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 241078   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 234798   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 119366   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 57694    | 42.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.80%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 42453    | 38.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.72%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 94665    | 28.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.88%# |
| 21) 2-Butanone-d5              | 3.90    | 46    | 97035    | 99.31    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.31%  |
| 24) Chloroform-d               | 4.37    | 84    | 126236   | 40.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 96024    | 45.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.34%  |
| 32) Benzene-d6                 | 5.07    | 84    | 215760   | 41.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.34%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 72862    | 47.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.40%  |
| 41) Toluene-d8                 | 7.33    | 98    | 227238   | 46.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.60%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 33274    | 35.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 72754    | 101.43   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.43% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 113261   | 51.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.72% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 105568   | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.88%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 5503 | 4.617 ug/L | 79     |

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

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