

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\  
 Data File : VV017242.D  
 Acq On : 29 Jun 2020 15:39  
 Operator : SY/MD  
 Sample : L3135-08  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q58

Manual Integrations  
 APPROVED

MMDadoda  
 6/30/2020 1:56:51 PM

Quant Time: Jun 30 08:39:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 30 07:40:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 343809   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 322545   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 154456   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 82967    | 34.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.40% |
| 7) Chloroethane-d5             | 1.58    | 69    | 60019    | 41.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.46% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 138377   | 33.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.94% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 158234   | 88.13    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.13% |
| 24) Chloroform-d               | 4.38    | 84    | 219856   | 44.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.14% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 159723   | 47.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.20% |
| 32) Benzene-d6                 | 5.08    | 84    | 404203   | 43.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.94% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 124094   | 42.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.64% |
| 41) Toluene-d8                 | 7.34    | 98    | 365411   | 42.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.66% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66275    | 43.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.82% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 103407   | 81.84    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 167090   | 43.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.10% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 158020   | 47.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.88% |

## Target Compounds

|                            |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 13) Acetone                | 2.19 | 43 | 65951  | 55.746 ug/L | 99     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 186886 | 73.680 ug/L | 96     |
| 22) 2-Butanone             | 4.01 | 43 | 8130m  | 4.456 ug/L  |        |
| 34) Trichloroethene        | 5.94 | 95 | 214451 | 83.788 ug/L | 98     |

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

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