

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011921\  
 Data File : VV020057.D  
 Acq On : 19 Jan 2021 17:34  
 Operator : SY/MD  
 Sample : M1147-15  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 20 01:11:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 20 01:05:37 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 321782   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 312607   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.26 | 152  | 169607   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |                |          |       |         |      |
|--------------------------------|---------|----------------|----------|-------|---------|------|
| 4) Vinyl Chloride-d3           | 1.31    | 65             | 108027   | 39.80 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 135 | Recovery | =     | 79.60%  |      |
| 7) Chloroethane-d5             | 1.57    | 69             | 81643    | 37.68 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 130 | Recovery | =     | 75.36%  |      |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63             | 159550   | 29.85 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 125 | Recovery | =     | 59.70%# |      |
| 21) 2-Butanone-d5              | 3.89    | 46             | 157380   | 89.38 | ug/L    | 0.00 |
| Spiked Amount                  | 100.000 | Range 40 - 130 | Recovery | =     | 89.38%  |      |
| 24) Chloroform-d               | 4.35    | 84             | 234591   | 47.98 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =     | 95.96%  |      |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65             | 162985   | 49.04 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =     | 98.08%  |      |
| 32) Benzene-d6                 | 5.05    | 84             | 473673   | 53.69 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =     | 107.38% |      |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67             | 145644   | 52.87 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 120 | Recovery | =     | 105.74% |      |
| 41) Toluene-d8                 | 7.32    | 98             | 441472   | 55.21 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 80 - 120 | Recovery | =     | 110.42% |      |
| 43) trans-1,3-Dichloropropene- | 7.63    | 79             | 69148    | 48.37 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 125 | Recovery | =     | 96.74%  |      |
| 47) 2-Hexanone-d5              | 8.09    | 63             | 103076   | 93.34 | ug/L    | 0.00 |
| Spiked Amount                  | 100.000 | Range 45 - 130 | Recovery | =     | 93.34%  |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84             | 185863   | 49.91 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 65 - 120 | Recovery | =     | 99.82%  |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152            | 189788   | 57.93 | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 80 - 120 | Recovery | =     | 115.86% |      |

## Target Compounds

|                       |      |    |       |       | Qvalue  |
|-----------------------|------|----|-------|-------|---------|
| 13) Acetone           | 2.18 | 43 | 12888 | 8.284 | ug/L 98 |
| 29) Cyclohexane       | 4.68 | 56 | 16395 | 4.435 | ug/L 85 |
| 35) Methylcyclohexane | 6.14 | 83 | 7568m | 2.037 | ug/L    |

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

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