

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\  
 Data File : VV019116.D  
 Acq On : 26 Oct 2020 13:57  
 Operator : SY/MD  
 Sample : L4502-09  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG427

Quant Time: Oct 27 07:37:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 27 07:08:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 267120   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 269000   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 126009   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 92079    | 37.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.90% |
| 7) Chloroethane-d5             | 1.58    | 69    | 74465    | 38.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.24% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 142790   | 31.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.84% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 137954   | 84.53    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.53% |
| 24) Chloroform-d               | 4.38    | 84    | 183709   | 43.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.56% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 135154   | 47.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.74% |
| 32) Benzene-d6                 | 5.07    | 84    | 362313   | 44.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.06% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 117189   | 43.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.94% |
| 41) Toluene-d8                 | 7.34    | 98    | 320044   | 43.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.98% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 57177    | 41.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.72% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 97350    | 84.00    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 146273   | 41.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 82.46% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128667   | 48.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.36% |

| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 13) Acetone           | 2.19 | 43  | 6733 | 6.087 ug/L | 92     |
| 46) Tetrachloroethene | 8.00 | 164 | 5595 | 3.504 ug/L | 88     |

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

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