

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
 Data File : VV016727.D  
 Acq On : 09 Jun 2020 19:12  
 Operator : SY/MD  
 Sample : L2901-22  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTS3

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2020 3:51:59 PM

Quant Time: Jun 10 04:26:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 03:42:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 348450   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 336148   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 170349   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 82479    | 33.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 67.10%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 58906    | 39.93    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.86%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 110224   | 26.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 53.40%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 199689   | 109.73   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.73% |
| 24) Chloroform-d               | 4.37    | 84    | 210021   | 42.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 151009   | 44.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.82%  |
| 32) Benzene-d6                 | 5.07    | 84    | 390232   | 40.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 127633   | 42.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.52%  |
| 41) Toluene-d8                 | 7.34    | 98    | 347156   | 39.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.08%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 61916    | 39.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.72%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 141539   | 107.48   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.48% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 190888   | 47.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 164456   | 45.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.48%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc    | Units | Ovalue |
|------------------------------|------|------|----------|---------|-------|--------|
| 5) Vinyl chloride            | 1.32 | 62   | 841359   | 338.659 | ug/L  | 100    |
| 13) Acetone                  | 2.17 | 43   | 48539    | 40.482  | ug/L  | 98     |
| 14) Carbon disulfide         | 2.31 | 76   | 4208m    | 0.672   | ug/L  |        |
| 15) Methyl Acetate           | 2.44 | 43   | 35105    | 13.136  | ug/L  | 97     |
| 17) trans-1,2-Dichloroethene | 2.78 | 96   | 3377     | 1.432   | ug/L  | 88     |
| 20) cis-1,2-Dichloroethene   | 3.93 | 96   | 812228   | 315.955 | ug/L  | 99     |
| 22) 2-Butanone               | 3.98 | 43   | 158524   | 85.736  | ug/L  | 97     |

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

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