

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\  
 Data File : VV013844.D  
 Acq On : 29 Nov 2019 12:59  
 Operator : SY/MD  
 Sample : K6063-16ME  
 Misc : 6.04g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BP3ME

Manual Integrations  
 APPROVED

apatel  
 12/2/2019 12:35:15 PM

Quant Time: Nov 29 23:07:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM110619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 29 22:33:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.65  | 114  | 661267   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 634119   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 329739   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 188693   | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.46%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 112216   | 35.60    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 269536m  | 39.80    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.60%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 264373   | 92.34    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.34%  |
| 24) Chloroform-d               | 4.39    | 84    | 392000   | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 261143   | 47.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 32) Benzene-d6                 | 5.09    | 84    | 825101   | 48.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.58%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 255843   | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.26%  |
| 41) Toluene-d8                 | 7.35    | 98    | 752243   | 48.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.68%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 113416   | 44.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.98%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 221323   | 111.20   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.20% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 374274   | 54.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 108.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 359834   | 54.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.48% |

| Target Compounds   |      |    |      |              | Ovalue |
|--------------------|------|----|------|--------------|--------|
| 13) Acetone        | 2.19 | 43 | 8560 | 3.204 ug/L   | 89     |
| 15) Methyl Acetate | 2.47 | 43 | 5526 | 1.134 ug/L # | 88     |

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

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