

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015208.D  
 Acq On : 27 Mar 2020 13:00  
 Operator : SY/MD  
 Sample : L2045-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 28 03:35:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 28 01:31:46 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 693419   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 662028   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 283964   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 143872   | 38.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.34%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 141405   | 37.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 232717   | 27.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.86%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 234014m  | 63.17    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 63.17%  |
| 24) Chloroform-d               | 4.38    | 84    | 283519   | 34.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 69.54%# |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 192097   | 35.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.38%  |
| 32) Benzene-d6                 | 5.08    | 84    | 546066   | 40.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 184382   | 37.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 75.08%  |
| 41) Toluene-d8                 | 7.34    | 98    | 497545   | 40.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.64%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 94672    | 35.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.78%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 179256   | 62.41    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 62.41%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 267826   | 32.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 64.20%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 193450   | 36.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 72.98%# |

| Target Compounds    |      |    |        |            | Ovalue |
|---------------------|------|----|--------|------------|--------|
| 25) Chloroform      | 4.40 | 83 | 11703m | 1.265 ug/L |        |
| 34) Trichloroethene | 5.94 | 95 | 5464   | 1.064 ug/L | 91     |

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

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