

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\  
 Data File : VW015461.D  
 Acq On : 22 May 2020 18:59  
 Operator : SY/VA  
 Sample : L2753-09MSD  
 Misc : 9.43G/10.0mL/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAXE8MSD

Quant Time: May 23 06:02:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 23 03:53:37 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 284987   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 259631   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 112057   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 51733    | 14.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 58.04%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 59380    | 17.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 139139   | 19.19    | ug/L | 0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 76.76%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 60561    | 63.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 127.18% |
| 24) Chloroform-d               | 7.65   | 84    | 163738   | 22.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.00%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 102839   | 25.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.08% |
| 29) Benzene-d6                 | 8.27   | 84    | 309124   | 21.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.04%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 101656   | 23.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.44%  |
| 37) Toluene-d8                 | 10.32  | 98    | 290957   | 21.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.20%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 46225    | 23.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 94.36%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 50889    | 63.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 127.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 92998    | 28.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 114.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 91283    | 23.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.92%  |

## Target Compounds

| Target Compounds       | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|------------------------|-------|------|----------|--------|-------|--------|
| 12) 1,1-Dichloroethene | 4.04  | 96   | 77845    | 22.773 | ug/L  | 90     |
| 13) Acetone            | 4.12  | 43   | 27639    | 38.324 | ug/L  | 99     |
| 21) 2-Butanone         | 7.18  | 43   | 5799     | 5.348  | ug/L  | 99     |
| 34) Benzene            | 8.32  | 78   | 394313   | 25.959 | ug/L  | 100    |
| 35) Trichloroethene    | 9.09  | 95   | 102115   | 25.087 | ug/L  | 99     |
| 44) Toluene            | 10.39 | 91   | 430198   | 25.914 | ug/L  | 97     |
| 52) Chlorobenzene      | 11.66 | 112  | 263577   | 25.166 | ug/L  | 97     |

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

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