

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005735.D
 Acq On : 01 Oct 2018 15:10
 Operator : SY/AP
 Sample : J5180-04
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC13

Quant Time: Oct 02 06:36:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 132810 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 106720 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 28311 | 25.00 | ug/L | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 28613 | 16.90 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 150 | Recovery | = | 67.60% |
| 7) Chloroethane-d5 | 2.89 | 69 | 26384 | 19.97 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 150 | Recovery | = | 79.88% |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 49675 | 13.44 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 45 - 110 | Recovery | = | 53.76% |
| 20) 2-Butanone-d5 | 7.09 | 46 | 23684 | 43.57 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 20 - 135 | Recovery | = | 87.14% |
| 24) Chloroform-d | 7.65 | 84 | 84328 | 24.72 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 40 - 150 | Recovery | = | 98.88% |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 55955 | 27.08 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 70 - 130 | Recovery | = | 108.32% |
| 29) Benzene-d6 | 8.28 | 84 | 140667 | 26.63 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 20 - 135 | Recovery | = | 106.52% |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 46349 | 30.35 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 70 - 120 | Recovery | = | 121.40%# |
| 37) Toluene-d8 | 10.33 | 98 | 110749 | 21.23 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 130 | Recovery | = | 84.92% |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 19745 | 24.62 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 135 | Recovery | = | 98.48% |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 15093 | 42.21 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 20 - 135 | Recovery | = | 84.42% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70 | 84 | 36816 | 24.82 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 45 - 120 | Recovery | = | 99.28% |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 22618 | 22.58 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 75 - 120 | Recovery | = | 90.32% |

| Target Compounds | | | | | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 8632 | 3.942 ug/L | 89 |

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

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