

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\  
 Data File : VD065010.D  
 Acq On : 30 Jan 2020 13:50  
 Operator : VA/SY  
 Sample : L1318-05  
 Misc : 5.61G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RAINEY-PARK-BH-03-B

Quant Time: Jan 30 14:17:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012320S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 13:45:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 14683    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 23240    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 24654    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 10755    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 11007    | 78.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 156.30% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 9105     | 62.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 124.68% |          |
| 50) Toluene-d8              | 10.34 | 98   | 26451    | 46.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.86%  |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 8759     | 50.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.56% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.21  | 50   | 498      | 3.072     | ug/l # | 43     |
| 5) Bromomethane                | 2.77  | 94   | 596      | 4.758     | ug/l # | 55     |
| 10) Methyl Iodide              | 4.31  | 142  | 594      | 4.183     | ug/l # | 50     |
| 13) Acrolein                   | 4.16  | 56   | 72       | 7.379     | ug/l # | 12     |
| 16) Acetone                    | 4.16  | 43   | 258      | 20.019    | ug/l # | 45     |
| 20) Methylene Chloride         | 4.96  | 84   | 146      | Below Cal | #      | 58     |
| 25) 2-Butanone                 | 7.28  | 43   | 64       | 1.682     | ug/l # | 49     |
| 29) Tetrahydrofuran            | 7.56  | 42   | 66       | 2.811     | ug/l # | 34     |
| 31) Cyclohexane                | 8.00  | 56   | 353      | 1.439     | ug/l # | 62     |
| 38) Carbon Tetrachloride       | 7.98  | 117  | 1409     | 5.949     | ug/l # | 14     |
| 41) Methacrylonitrile          | 7.56  | 41   | 63       | 1.263     | ug/l # | 24     |
| 51) 4-Methyl-2-Pentanone       | 10.24 | 43   | 114      | 1.296     | ug/l # | 37     |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 4660     | 52.203    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75   | 4660     | 111.465   | ug/l # | 9      |

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

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