

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011725\  
 Data File : VY020859.D  
 Acq On : 17 Jan 2025 16:44  
 Operator : SY/MD  
 Sample : Q1115-03  
 Misc : 3.50g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 366-VOC

Quant Time: Jan 17 23:28:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 01:31:46 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 129550   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 217636   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 187828   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 73847    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 61856    | 56.175   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 112.340% |
| 35) Dibromofluoromethane    | 7.640  | 113   | 71424    | 52.384   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 104.760% |
| 50) Toluene-d8              | 10.109 | 98    | 253225   | 53.276   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 106.560% |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 74956    | 42.704   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 85.400%  |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.873  | 43    | 3757     | 23.994   | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone    | 10.006 | 43    | 1081     | 1.537    | ug/l  | 97       |
| -----                       |        |       |          |          |       |          |

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

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