

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
 Data File : VY012238.D  
 Acq On : 18 Jan 2023 12:01  
 Operator : KP/MD  
 Sample : 01167-01RE  
 Misc : 5.10g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-3-011623RE

Quant Time: Jan 19 00:34:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 04:31:47 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 98966    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 164180   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 159719   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 76741    | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 62320    | 78.187   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 156.380% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 51610    | 59.367   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 118.740% |
| 50) Toluene-d8              | 10.179 | 98    | 193408   | 65.559   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 131.120% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 65742    | 53.645   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 107.300% |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       | Qvalue   |
| 80) 1,3,5-Trimethylbenzene  | 12.812 | 105   | 4928     | 1.024    | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.123 | 105   | 5351     | 1.128    | ug/l  | 98       |
| -----                       |        |       |          |          |       |          |

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

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