

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101923\  
 Data File : VY016046.D  
 Acq On : 19 Oct 2023 18:43  
 Operator : SY/MD  
 Sample : 04945-01  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 PAT-2-101823

Quant Time: Oct 20 05:40:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 19 03:15:44 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.789     | 168   | 35665    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691     | 114   | 58898    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.496    | 117   | 53221    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428    | 152   | 26213    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.143     | 65    | 21834    | 53.864   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 107.720% |          |
| 35) Dibromofluoromethane    | 7.716     | 113   | 19294    | 49.769   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 99.540%  |          |
| 50) Toluene-d8              | 10.185    | 98    | 68846    | 48.897   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | = 97.800%  |          |
| 62) 4-Bromofluorobenzene    | 12.483    | 95    | 24903    | 49.570   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 30 - 143 | Recovery | = 99.140%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 20) Methylene Chloride      | 4.716     | 84    | 4230     | 9.476    | ug/l #     | 81       |
| 80) 1,3,5-Trimethylbenzene  | 12.819    | 105   | 3320     | 2.044    | ug/l       | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.123    | 105   | 11018    | 6.831    | ug/l       | 94       |
| -----                       |           |       |          |          |            |          |

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

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