

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120123\  
 Data File : VY016565.D  
 Acq On : 01 Dec 2023 16:59  
 Operator : SY/MD  
 Sample : 05602-05  
 Misc : 3.86g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SPRING-VALLEY-TP-3

Quant Time: Dec 01 23:40:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y112923S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 30 03:28:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.807  | 168   | 104940   | 50.000   | ug/l       | -0.01     |
| 34) 1,4-Difluorobenzene     | 8.703  | 114   | 176679   | 50.000   | ug/l       | -0.01     |
| 63) Chlorobenzene-d5        | 11.502 | 117   | 172421   | 50.000   | ug/l       | -0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 13.440 | 152   | 82527    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.161  | 65    | 59450    | 71.707   | ug/l       | -0.01     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 143.420% |           |
| 35) Dibromofluoromethane    | 7.734  | 113   | 55527    | 53.549   | ug/l       | -0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.100% |           |
| 50) Toluene-d8              | 10.191 | 98    | 202711   | 50.403   | ug/l       | -0.01     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 100.800% |           |
| 62) 4-Bromofluorobenzene    | 12.495 | 95    | 71837    | 56.938   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 113.880% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 3.979  | 43    | 2123     | 17.295   | ug/l       | Qvalue 98 |
| -----                       |        |       |          |          |            |           |

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

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