

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011425\  
 Data File : VY020816.D  
 Acq On : 14 Jan 2025 12:10  
 Operator : SY/MD  
 Sample : Q1076-01  
 Misc : 4.61g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ARS20-0006

Quant Time: Jan 15 03:27:49 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       | 7.719  | 168   | 131430   | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.622  | 114   | 209372   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 171471   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.359 | 152   | 62473    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 74163    | 66.388   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 132.780%     |
| 35) Dibromofluoromethane    | 7.646  | 113   | 67595    | 51.532   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 103.060%     |
| 50) Toluene-d8              | 10.115 | 98    | 237028   | 51.837   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 103.680%     |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 66715    | 39.509   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 79.020%      |
| Target Compounds            |        |       |          |          |       |              |
| 51) 4-Methyl-2-Pentanone    | 10.006 | 43    | 1257     | 1.858    | ug/l  | Qvalue<br>98 |
| -----                       |        |       |          |          |       |              |

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

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