

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112024\  
 Data File : VY020353.D  
 Acq On : 20 Nov 2024 12:44  
 Operator : SY/MD  
 Sample : P4929-01  
 Misc : 3.16g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ARS520

Quant Time: Nov 21 00:46:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.707  | 168   | 127316   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 240375   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 191898   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 54461    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 84021    | 57.442   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 114.880% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 78301    | 50.800   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 101.600% |
| 50) Toluene-d8              | 10.103 | 98    | 274806   | 45.260   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 90.520%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 74705    | 38.274   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =      | 76.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 68) m/p-Xylenes             | 11.621 | 106   | 3615     | 1.271    | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 12.737 | 105   | 8701     | 2.334    | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.042 | 105   | 30826    | 8.339    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

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

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