

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100925\  
 Data File : VY023414.D  
 Acq On : 09 Oct 2025 11:47  
 Operator : SY/MD  
 Sample : Q3318-01  
 Misc : 5.15g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VNJ-207

Quant Time: Oct 10 04:24:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:12:50 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 619900   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1205387  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 1186929  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 518747   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 320385   | 61.806   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 123.620% |          |
| 35) Dibromofluoromethane    | 7.640  | 113   | 401363   | 54.190   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.380% |          |
| 50) Toluene-d8              | 10.109 | 98    | 1438063  | 52.137   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 104.280% |          |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 478158   | 52.508   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 105.020% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 3.866  | 43    | 9110     | 7.382    | ug/l       | # 87     |
| 52) Toluene                 | 10.170 | 92    | 68841    | 3.414    | ug/l       | 99       |
| 67) Ethyl Benzene           | 11.517 | 91    | 43167    | 1.033    | ug/l       | 98       |
| 68) m/p-Xylenes             | 11.627 | 106   | 57903    | 3.455    | ug/l       | 100      |
| 69) o-Xylene                | 11.956 | 106   | 27838    | 1.771    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

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

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