

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102125\  
 Data File : VY023532.D  
 Acq On : 21 Oct 2025 14:12  
 Operator : SY/MD  
 Sample : Q3402-07  
 Misc : 5.14g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 41-LB

Quant Time: Oct 22 12:27:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 07 14:25:11 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 828750   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 1359527  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 1131748  | 50.000   | ug/l       | 0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 466860   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 349256   | 50.397   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.800% |          |
| 35) Dibromofluoromethane    | 7.634  | 113   | 419543   | 50.223   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.440% |          |
| 50) Toluene-d8              | 10.109 | 98    | 1511671  | 48.591   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 97.180%  |          |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 424919   | 41.371   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 82.740%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 3.867  | 43    | 7280     | 4.413    | ug/l       | 96       |
| 25) 2-Butanone              | 6.890  | 43    | 2803     | 1.392    | ug/l #     | 83       |
| -----                       |        |       |          |          |            |          |

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

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