

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080425\  
 Data File : VW031997.D  
 Acq On : 04 Aug 2025 13:34  
 Operator : SY/MD  
 Sample : Q2757-02  
 Misc : 5.19g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VOC

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025  
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 01:18:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 23 08:18:46 2025  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.959          | 168  | 46893      | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.849          | 114  | 90953      | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.629         | 117  | 84121      | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.550         | 152  | 38839      | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.313          | 65   | 32344      | 45.595  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 63 - 155 |      | Recovery = | 91.200% |        |          |
| 35) Dibromofluoromethane    | 7.904          | 113  | 29094      | 47.075  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 70 - 134 |      | Recovery = | 94.140% |        |          |
| 50) Toluene-d8              | 10.325         | 98   | 95141      | 40.675  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 123 |      | Recovery = | 81.340% |        |          |
| 62) 4-Bromofluorobenzene    | 12.617         | 95   | 33656      | 37.472  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 17 - 146 |      | Recovery = | 74.940% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 4.173          | 43   | 2876m      | 17.085  | ug/l   |          |
| 80) 1,3,5-Trimethylbenzene  | 12.940         | 105  | 2994       | 1.059   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.251         | 105  | 5757       | 2.012   | ug/l   | 97       |
| 95) Naphthalene             | 15.360         | 128  | 23955      | 12.011  | ug/l   | 97       |
| -----                       |                |      |            |         |        |          |

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

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