

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051625\  
 Data File : VX046233.D  
 Acq On : 16 May 2025 11:25  
 Operator : JC/MD  
 Sample : Q2027-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B27-SOIL-SAMPLE

Quant Time: May 16 23:02:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 58179    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 115702   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 111038   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 46381    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 58727    | 54.144   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.280% |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 43482    | 52.188   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.380% |          |
| 50) Toluene-d8              | 8.647  | 98    | 148757   | 51.585   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.160% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 55916    | 50.550   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 101.100% |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.380  | 43    | 34694    | 79.776   | ug/l       | 99       |
| 17) Carbon Disulfide        | 2.508  | 76    | 1972     | 1.206    | ug/l       | 100      |
| 18) Methyl Acetate          | 2.709  | 43    | 1688     | 1.673    | ug/l       | 92       |
| 20) Methylene Chloride      | 2.788  | 84    | 3783     | 4.539    | ug/l       | 95       |
| 25) 2-Butanone              | 4.586  | 43    | 4045     | 6.407    | ug/l #     | 68       |
| 30) Chloroform              | 5.099  | 83    | 1711     | 1.157    | ug/l #     | 84       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 11058    | 5.241    | ug/l       | 97       |
| 95) Naphthalene             | 13.774 | 128   | 13642    | 4.218    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

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

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