

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050525\  
 Data File : VY022159.D  
 Acq On : 05 May 2025 15:08  
 Operator : SY/MD  
 Sample : Q1936-04  
 Misc : 5.27g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SMALL-PILE-B

Quant Time: May 06 05:22:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 23 02:30:30 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.707  | 168   | 228027   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.615  | 114   | 442358   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 390377   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 141402   | 50.000   | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 116031   | 55.089   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 110.180%  |
| 35) Dibromofluoromethane    | 7.634  | 113   | 147868   | 50.597   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 101.200%  |
| 50) Toluene-d8              | 10.109 | 98    | 540559   | 49.063   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 98.120%   |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 142934   | 38.537   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 77.080%   |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 20) Methylene Chloride      | 4.610  | 84    | 9959     | 3.739    | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

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

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