

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022625\  
 Data File : VY021327.D  
 Acq On : 26 Feb 2025 13:30  
 Operator : SY/MD  
 Sample : Q1413-02RE  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BU-2-022125RE

Quant Time: Feb 26 13:54:07 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022525S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 26 02:09:13 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.707  | 168   | 31282    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 47948    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 34623    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 9785     | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 12293    | 34.641   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 69.280%  |
| 35) Dibromofluoromethane    | 7.628  | 113   | 15309    | 48.700   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 97.400%  |
| 50) Toluene-d8              | 10.103 | 98    | 53247    | 43.829   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 87.660%  |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 11472    | 28.058   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 56.120%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 80) 1,3,5-Trimethylbenzene  | 12.737 | 105   | 607      | 1.006    | ug/l  | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.042 | 105   | 1640     | 2.733    | ug/l  | 95       |
| -----                       |        |       |          |          |       |          |

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

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