

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121522\  
 Data File : VY011865.D  
 Acq On : 15 Dec 2022 12:43  
 Operator : KP/MD  
 Sample : N6038-12  
 Misc : 5.74g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-35-(2.5-4.5)

Quant Time: Dec 16 00:13:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120922S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Dec 10 04:19:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 155886   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 257933   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 201889   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 64744    | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 60140    | 57.229   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 114.460% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 66121    | 58.347   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 116.700% |
| 50) Toluene-d8              | 10.185 | 98    | 166294   | 43.381   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 86.760%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 65364    | 43.077   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 86.160%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 18) Methyl Acetate          | 4.479  | 43    | 4855     | 3.141    | ug/l  | 99       |
| 20) Methylene Chloride      | 4.716  | 84    | 23693    | 11.061   | ug/l  | 96       |
| -----                       |        |       |          |          |       |          |

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

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