

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY053123\  
 Data File : VY013947.D  
 Acq On : 31 May 2023 19:43  
 Operator : KP/MD  
 Sample : 02981-04  
 Misc : 5.77g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-4

Quant Time: Jun 01 03:31:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052323S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 24 05:25:47 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |                | Response | Conc       | Units | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|-------|----------|
| -----                       |           |                |          |            |       |          |
| Internal Standards          |           |                |          |            |       |          |
| 1) Pentafluorobenzene       | 7.789     | 168            | 164394   | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691     | 114            | 285697   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.489    | 117            | 291898   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428    | 152            | 144816   | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |           |                |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.143     | 65             | 116139   | 61.065     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 50 - 163 | Recovery | = 122.140% |       |          |
| 35) Dibromofluoromethane    | 7.722     | 113            | 98139    | 53.191     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 54 - 147 | Recovery | = 106.380% |       |          |
| 50) Toluene-d8              | 10.179    | 98             | 351444   | 50.117     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 58 - 134 | Recovery | = 100.240% |       |          |
| 62) 4-Bromofluorobenzene    | 12.483    | 95             | 128780   | 55.248     | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range 30 - 143 | Recovery | = 110.500% |       |          |
| Target Compounds            |           |                |          |            |       | Qvalue   |
| 84) 1,2,4-Trimethylbenzene  | 13.117    | 105            | 15087    | 1.727      | ug/l  | 99       |
| -----                       |           |                |          |            |       |          |

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

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