

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082223\  
 Data File : VY015243.D  
 Acq On : 22 Aug 2023 14:40  
 Operator : SY/MD  
 Sample : 04082-01  
 Misc : 3.79g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 277

Quant Time: Aug 23 00:48:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 14 12:43:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)  |
|-----------------------------|--------|----------------|----------|--------|----------|-----------|
| -----                       |        |                |          |        |          |           |
| Internal Standards          |        |                |          |        |          |           |
| 1) Pentafluorobenzene       | 7.789  | 168            | 130845   | 50.000 | ug/l     | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.691  | 114            | 214418   | 50.000 | ug/l     | 0.00      |
| 63) Chlorobenzene-d5        | 11.489 | 117            | 193022   | 50.000 | ug/l     | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152            | 92759    | 50.000 | ug/l     | 0.00      |
| System Monitoring Compounds |        |                |          |        |          |           |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65             | 84574    | 53.846 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 107.700% |           |
| 35) Dibromofluoromethane    | 7.716  | 113            | 68638    | 49.758 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 99.520%  |           |
| 50) Toluene-d8              | 10.179 | 98             | 252392   | 49.151 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 58 - 134 | Recovery | =      | 98.300%  |           |
| 62) 4-Bromofluorobenzene    | 12.477 | 95             | 82993    | 44.250 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 30 - 143 | Recovery | =      | 88.500%  |           |
| Target Compounds            |        |                |          |        |          |           |
| 20) Methylene Chloride      | 4.710  | 84             | 27922    | 20.114 | ug/l     | Qvalue 93 |
| -----                       |        |                |          |        |          |           |

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

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