

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082123\  
 Data File : VY015219.D  
 Acq On : 21 Aug 2023 14:44  
 Operator : SY/MD  
 Sample : 04086-11  
 Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 B-PP14A

Quant Time: Aug 22 01:54:59 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       | 7.783  | 168   | 150234   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 265106   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 252725   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 134707   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 100261   | 55.595   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 111.180% |
| 35) Dibromofluoromethane    | 7.709  | 113   | 84666    | 49.642   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 99.280%  |
| 50) Toluene-d8              | 10.178 | 98    | 306796   | 48.323   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 96.640%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 123566   | 53.286   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 106.580% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 4.704  | 84    | 22273    | 12.530   | ug/l   | # 86     |
| 52) Toluene                 | 10.239 | 92    | 150514   | 40.031   | ug/l   | 93       |
| 67) Ethyl Benzene           | 11.593 | 91    | 9753     | 1.209    | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.696 | 106   | 9135     | 2.981    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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