

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101023\  
 Data File : VY015907.D  
 Acq On : 10 Oct 2023 19:12  
 Operator : SY/MD  
 Sample : 04805-01  
 Misc : 4.42g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 B-1(0-5)

Quant Time: Oct 11 01:24:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 10 07:06:18 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 144915   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 251590   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 203513   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 58335    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 83526    | 64.056   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 128.120% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 81039    | 57.748   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 115.500% |
| 50) Toluene-d8              | 10.185 | 98    | 287700   | 62.207   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 124.420% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 73398    | 39.072   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 78.140%  |

| Target Compounds           |        |     |        |        |        | Qvalue |
|----------------------------|--------|-----|--------|--------|--------|--------|
| 16) Acetone                | 3.960  | 43  | 31248  | 53.855 | ug/l # | 88     |
| 17) Carbon Disulfide       | 4.204  | 76  | 7764   | 8.590  | ug/l   | 95     |
| 20) Methylene Chloride     | 4.735  | 84  | 22203  | 8.552  | ug/l   | 84     |
| 25) 2-Butanone             | 7.003  | 43  | 10677  | 14.927 | ug/l   | 91     |
| 31) Cyclohexane            | 7.795  | 56  | 5514   | 3.948  | ug/l # | 36     |
| 39) Methylcyclohexane      | 9.185  | 83  | 6198   | 3.926  | ug/l # | 86     |
| 40) Benzene                | 8.167  | 78  | 29913  | 6.124  | ug/l   | 99     |
| 52) Toluene                | 10.252 | 92  | 14106  | 4.351  | ug/l   | 95     |
| 67) Ethyl Benzene          | 11.593 | 91  | 14494  | 2.380  | ug/l   | 95     |
| 68) m/p-Xylenes            | 11.703 | 106 | 49165  | 21.425 | ug/l   | 93     |
| 69) o-Xylene               | 12.032 | 106 | 19269  | 8.392  | ug/l   | 100    |
| 73) Isopropylbenzene       | 12.331 | 105 | 24075  | 6.542  | ug/l   | 99     |
| 78) n-propylbenzene        | 12.672 | 91  | 6482   | 1.465  | ug/l   | 95     |
| 80) 1,3,5-Trimethylbenzene | 12.819 | 105 | 66288  | 21.856 | ug/l   | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.123 | 105 | 114039 | 37.338 | ug/l   | 98     |
| 86) p-Isopropyltoluene     | 13.373 | 119 | 10471  | 3.049  | ug/l   | 99     |

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

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