

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091621\  
 Data File : VY006053.D  
 Acq On : 16 Sep 2021 17:15  
 Operator : SY/MD  
 Sample : M3762-01  
 Misc : 6.84G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 11934

Quant Time: Sep 17 02:46:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795     | 168   | 142180   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697     | 114   | 270770   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.489    | 117   | 292183   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428    | 152   | 147183   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149     | 65    | 114856   | 58.156   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 116.320% |          |
| 35) Dibromofluoromethane    | 7.722     | 113   | 84062    | 49.983   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 99.960%  |          |
| 50) Toluene-d8              | 10.185    | 98    | 359923   | 50.213   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | = 100.420% |          |
| 62) 4-Bromofluorobenzene    | 12.483    | 95    | 145573   | 59.817   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | = 119.640% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 3.954     | 43    | 16984    | 31.354   | ug/l #     | 88       |
| 18) Methyl Acetate          | 4.491     | 43    | 2733     | 2.003    | ug/l #     | 79       |
| 25) 2-Butanone              | 6.990     | 43    | 3767     | 5.046    | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene  | 6.990     | 96    | 2024     | 1.140    | ug/l       | 77       |
| 39) Methylcyclohexane       | 9.185     | 83    | 4282     | 1.182    | ug/l       | 95       |
| 40) Benzene                 | 8.173     | 78    | 12780    | 1.525    | ug/l       | 98       |
| 67) Ethyl Benzene           | 11.593    | 91    | 218967   | 18.426   | ug/l       | 99       |
| 68) m/p-Xylenes             | 11.709    | 106   | 5555     | 1.233    | ug/l       | 98       |
| 69) o-Xylene                | 12.026    | 106   | 9219     | 2.166    | ug/l       | 99       |
| 73) Isopropylbenzene        | 12.331    | 105   | 52617    | 4.565    | ug/l       | 99       |
| 78) n-propylbenzene         | 12.672    | 91    | 82530    | 5.787    | ug/l       | 98       |
| 80) 1,3,5-Trimethylbenzene  | 12.812    | 105   | 15667    | 1.639    | ug/l       | 99       |
| -----                       |           |       |          |          |            |          |

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

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