

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081022\  
 Data File : VY009956.D  
 Acq On : 10 Aug 2022 17:20  
 Operator : KP/MD  
 Sample : VIBLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Aug 10 17:42:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081022S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 17:37:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc        | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-------------|------------|----------|
| -----                         |        |       |          |             |            |          |
| Internal Standards            |        |       |          |             |            |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 84509    | 50.000      | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 172632   | 50.000      | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.483 | 117   | 168212   | 50.000      | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 75159    | 50.000      | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |             |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.130  | 65    | 34900    | 53.494      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery    | = 106.980% |          |
| 35) Dibromofluoromethane      | 7.710  | 113   | 32803    | 33.025      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery    | = 66.060%  |          |
| 50) Toluene-d8                | 10.173 | 98    | 124389   | 41.861      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery    | = 83.720%  |          |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 41419    | 29.661      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery    | = 59.320%  |          |
| Target Compounds              |        |       |          |             |            |          |
|                               |        |       |          |             | Qvalue     |          |
| 5) Bromomethane               | 2.643  | 94    | 376      | Below Cal   |            | 98       |
| 16) Acetone                   | 3.942  | 43    | 958      | 4.506 ug/l  | #          | 85       |
| 18) Methyl Acetate            | 4.466  | 43    | 531      | Below Cal   | #          | 52       |
| 20) Methylene Chloride        | 4.698  | 84    | 11895    | 7.658 ug/l  |            | 98       |
| 31) Cyclohexane               | 7.771  | 56    | 1844     | 1.019 ug/l  | #          | 1        |
| 36) 1,1-Dichloropropene       | 7.783  | 75    | 6823     | 3.946 ug/l  | #          | 47       |
| 38) Carbon Tetrachloride      | 7.783  | 117   | 8522     | 5.146 ug/l  | #          | 17       |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 20761    | 25.874 ug/l | #          | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 20761    | 50.366 ug/l | #          | 13       |
| -----                         |        |       |          |             |            |          |

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

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