

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080223\  
 Data File : VX036771.D  
 Acq On : 02 Aug 2023 15:29  
 Operator : JC/MD  
 Sample : 03849-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GROVE-SOIL-0731

Quant Time: Aug 03 07:29:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/03/2023  
 Supervised By : Semsettin Yesilyurt 08/03/2023

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 130200     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 236944     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 221041     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 100823     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 90550      | 47.002  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 94.000% |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 76889      | 47.211  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.420% |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 284985     | 49.344  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 98.680% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 106342     | 48.804  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 97.600% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
| 16) Acetone                 | 2.380          | 43   | 46814      | 58.560  | ug/l   | 93       |
| 20) Methylene Chloride      | 2.788          | 84   | 10193      | 5.733   | ug/l # | 87       |
| 25) 2-Butanone              | 4.562          | 43   | 26439      | 20.384  | ug/l   | 93       |
| 37) Ethyl Acetate           | 4.727          | 43   | 5963       | 2.170   | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 94495      | 19.980  | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone    | 8.574          | 43   | 106876m    | 40.835  | ug/l   |          |
| -----                       |                |      |            |         |        |          |

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

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