

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072321\  
 Data File : VY005434.D  
 Acq On : 23 Jul 2021 22:28  
 Operator : SY/MD  
 Sample : M3159-07  
 Misc : 4.09G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 20210442-28

Manual Integrations  
 APPROVED

MMDadoda  
 7/26/2021 5:20:34 PM

Quant Time: Jul 24 03:05:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:20:14 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                       |                |      |                    |       |        |          |
| Internal Standards          |                |      |                    |       |        |          |
| 1) Pentafluorobenzene       | 7.801          | 168  | 226471             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697          | 114  | 402090             | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.495         | 117  | 363417             | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 188716             | 50.00 | ug/l   | 0.00     |
|                             |                |      |                    |       |        |          |
| System Monitoring Compounds |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.148          | 65   | 157443             | 65.07 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 130.14% |       |        |          |
| 35) Dibromofluoromethane    | 7.728          | 113  | 124077             | 53.44 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 106.88% |       |        |          |
| 50) Toluene-d8              | 10.185         | 98   | 453083             | 46.04 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = 92.08%  |       |        |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 165490             | 50.96 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = 101.92% |       |        |          |
|                             |                |      |                    |       |        |          |
| Target Compounds            |                |      |                    |       | Qvalue |          |
| 13) Acrolein                | 3.741          | 56   | 1928               | 9.21  | ug/l   | 88       |
| 16) Acetone                 | 3.960          | 43   | 27179              | 49.19 | ug/l   | 93       |
| 17) Carbon Disulfide        | 4.204          | 76   | 17502              | 2.44  | ug/l   | 98       |
| 18) Methyl Acetate          | 4.478          | 43   | 1613m              | 1.04  | ug/l   |          |
| 20) Methylene Chloride      | 4.728          | 84   | 31298              | 8.82  | ug/l   | 98       |
| 25) 2-Butanone              | 6.996          | 43   | 11166              | 13.49 | ug/l   | 94       |
| -----                       |                |      |                    |       |        |          |

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

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