

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120622\  
 Data File : VY011719.D  
 Acq On : 06 Dec 2022 15:35  
 Operator : KP/MD  
 Sample : N5899-01  
 Misc : 5.45g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-30

Quant Time: Dec 06 23:46:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 19 22:37:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 7.789          | 168  | 214366              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691          | 114  | 367487              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489         | 117  | 350925              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 160783              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.142          | 65   | 130730              | 60.060  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 120.120% |         |        |          |
| 35) Dibromofluoromethane    | 7.716          | 113  | 119614              | 52.874  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 105.740% |         |        |          |
| 50) Toluene-d8              | 10.179         | 98   | 443079              | 53.898  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = 107.800% |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 147046              | 48.379  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = 96.760%  |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 3.948          | 43   | 81993               | 115.970 | ug/l # | 86       |
| 25) 2-Butanone              | 6.984          | 43   | 87609               | 94.286  | ug/l # | 90       |
| 29) Tetrahydrofuran         | 7.350          | 42   | 37035               | 70.578  | ug/l # | 86       |
| -----                       |                |      |                     |         |        |          |

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

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