

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\  
 Data File : VY001613.D  
 Acq On : 12 Feb 2020 15:09  
 Operator : SY/MD  
 Sample : L1509-04  
 Misc : 7.11G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 AOC-3-SP-D

Quant Time: Feb 13 08:10:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y020420S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 04 15:10:08 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.82   | 168  | 160713   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.71   | 114  | 289647   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.50  | 117  | 242599   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.44  | 152  | 90389    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.17   | 65   | 91862    | 56.77  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 113.54% |          |
| 35) Dibromofluoromethane    | 7.74   | 113  | 82717    | 49.52  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.04%  |          |
| 50) Toluene-d8              | 10.19  | 98   | 343679   | 54.39  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 108.78% |          |
| 62) 4-Bromofluorobenzene    | 12.49  | 95   | 102814   | 41.30  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.60%  |          |
| Target Compounds            |        |      |          |        |         |          |
| 16) Acetone                 | 3.97   | 43   | 5708     | 12.195 | ug/l    | 95       |
| 80) 1,3,5-Trimethylbenzene  | 12.82  | 105  | 13230    | 2.279  | ug/l    | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.13  | 105  | 6310     | 1.098  | ug/l    | 98       |
| 86) p-Isopropyltoluene      | 13.38  | 119  | 11724    | 1.928  | ug/l    | 95       |
| 88) 1,4-Dichlorobenzene     | 13.45  | 146  | 16202    | 5.656  | ug/l    | 91       |
| 95) Naphthalene             | 15.25  | 128  | 21020    | 5.122  | ug/l    | 96       |

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

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