

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\  
 Data File : VY000843.D  
 Acq On : 03 Dec 2019 17:03  
 Operator : SY/MD  
 Sample : K6120-07  
 Misc : 7.88G/5ML/MSVOA Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TH-5

Quant Time: Dec 04 01:27:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 247829   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 463810   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 407213   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 170780   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 153509   | 58.29  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 116.58% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 136098   | 50.35  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.70% |          |
| 50) Toluene-d8              | 10.18 | 98   | 550885   | 50.98  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.96% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 181769   | 44.79  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.58%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.95  | 43   | 22288    | 36.895 | ug/l    | 91       |
| 52) Toluene                 | 10.24 | 92   | 99966    | 12.019 | ug/l    | 97       |
| 68) m/p-Xylenes             | 11.70 | 106  | 28557    | 4.826  | ug/l    | 96       |
| 69) o-Xylene                | 12.03 | 106  | 13288    | 2.409  | ug/l    | 97       |
| 95) Naphthalene             | 15.23 | 128  | 9793     | 1.198  | ug/l #  | 93       |

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

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