

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\  
 Data File : VY000967.D  
 Acq On : 16 Dec 2019 19:53  
 Operator : SY/MD  
 Sample : K6333-06  
 Misc : 6.53G/5ML/MSVOA Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1A-VOC

Quant Time: Dec 17 08:04:39 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  | 233830   | 50.00  | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.70  | 114  | 436828   | 50.00  | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 389901   | 50.00  | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 167722   | 50.00  | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |        |         |            |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 138396   | 55.70  | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 111.40% |            |
| 35) Dibromofluoromethane    | 7.73  | 113  | 124845   | 49.04  | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.08%  |            |
| 50) Toluene-d8              | 10.18 | 98   | 518640   | 50.96  | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.92% |            |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 169948   | 44.46  | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 88.92%  |            |
| Target Compounds            |       |      |          |        |         |            |
| 16) Acetone                 | 3.96  | 43   | 36144    | 63.413 | ug/l    | Qvalue 100 |
| 20) Methylene Chloride      | 4.72  | 84   | 9004     | 2.997  | ug/l    | 93         |
| 25) 2-Butanone              | 7.00  | 43   | 14770    | 14.028 | ug/l    | 95         |
| 30) Chloroform              | 7.52  | 83   | 13338    | 2.670  | ug/l #  | 80         |

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

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