

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\  
 Data File : VF060352.D  
 Acq On : 26 Sep 2018 15:25  
 Operator : VA/AP  
 Sample : J4779-09RE  
 Misc : 7.63/5mL/MSVOA F/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SU-3A-092418RE

Quant Time: Sep 27 10:00:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.04  | 168  | 273074   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.76  | 114  | 505317   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.92  | 117  | 360811   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 147812   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 257236   | 69.96  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 139.92% |          |
| 35) Dibromofluoromethane    | 4.29  | 113  | 271904   | 60.36  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 120.72% |          |
| 50) Toluene-d8              | 7.70  | 98   | 527476   | 44.97  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.94%  |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 222561   | 43.89  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 87.78%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 39) Methylcyclohexane       | 5.62  | 83   | 9399     | 1.376  | ug/l    | 90       |
| 56) Ethyl methacrylate      | 8.77  | 69   | 96444    | 29.100 | ug/l #  | 77       |
| 83) tert-Butylbenzene       | 12.22 | 119  | 12152    | 1.122  | ug/l #  | 40       |

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

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