

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\  
 Data File : VF060770.D  
 Acq On : 16 Nov 2018 17:55  
 Operator : VA/AP  
 Sample : J5964-01RE  
 Misc : 6.78g/5mL/MSVOA-F/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 LR-RBR-200036RE

Quant Time: Nov 17 04:54:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F111318S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 14 03:11:14 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 4.88   | 168  | 72066    | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.61   | 114  | 116313   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.79   | 117  | 100998   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.56  | 152  | 55721    | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 4.86   | 65   | 27298    | 33.21  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 66.42% |          |
| 35) Dibromofluoromethane    | 4.13   | 113  | 33503    | 38.32  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 76.64% |          |
| 50) Toluene-d8              | 7.57   | 98   | 96088    | 42.26  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 84.52% |          |
| 62) 4-Bromofluorobenzene    | 11.42  | 95   | 43464    | 41.30  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.60% |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 20) Methylene Chloride      | 2.20   | 84   | 3017     | 2.446  | ug/l   | 91       |
| 68) m/p-Xylenes             | 10.15  | 106  | 3188     | 2.322  | ug/l   | 99       |
| 78) n-propylbenzene         | 11.60  | 91   | 10513    | 2.010  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene  | 11.84  | 105  | 12402    | 3.483  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 12.21  | 105  | 38127    | 10.353 | ug/l   | 92       |
| 89) n-Butylbenzene          | 12.85  | 91   | 10312    | 2.359  | ug/l # | 80       |
| 95) Naphthalene             | 14.46  | 128  | 17626    | 7.683  | ug/l   | 97       |

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

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