

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\  
 Data File : VF059573.D  
 Acq On : 19 Jul 2018 23:41  
 Operator : VA/AP  
 Sample : J4054-06  
 Misc : 6.38g/5mL/MSVOA F/SOIL  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 161-TP-1

Quant Time: Jul 20 06:53:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F071718S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 18 04:09:10 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.04  | 168  | 267411   | 50.00 | ug/l    | -0.02    |
| 34) 1,4-Difluorobenzene     | 5.77  | 114  | 393602   | 50.00 | ug/l    | -0.02    |
| 63) Chlorobenzene-d5        | 9.92  | 117  | 376519   | 50.00 | ug/l    | -0.02    |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 206387   | 50.00 | ug/l    | -0.02    |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.02  | 65   | 179277   | 43.11 | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 86.22%  |          |
| 35) Dibromofluoromethane    | 4.29  | 113  | 174894   | 51.31 | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.62% |          |
| 50) Toluene-d8              | 7.71  | 98   | 380617   | 44.33 | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.66%  |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 186760   | 41.46 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 82.92%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.33  | 43   | 52769    | 64.50 | ug/l    | 97       |
| 20) Methylene Chloride      | 2.28  | 84   | 12223    | 2.13  | ug/l #  | 93       |
| 95) Naphthalene             | 14.52 | 128  | 20021    | 2.65  | ug/l    | 98       |

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

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