

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\  
 Data File : VF062840.D  
 Acq On : 4 Jun 2019 15:52  
 Operator : FY/SY  
 Sample : K3171-02  
 Misc : 4.02g/5mL/MSVOA F/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 FK-SF-03-008-A

Quant Time: Jun 05 05:55:39 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F053019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 31 04:18:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.06  | 168  | 160918   | 50.00  | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 5.78  | 114  | 229513   | 50.00  | ug/l   | -0.02    |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 131951   | 50.00  | ug/l   | -0.02    |
| 72) 1,4-Dichlorobenzene-d4  | 12.61 | 152  | 32924    | 50.00  | ug/l   | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.04  | 65   | 24951    | 22.42  | ug/l   | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 44.84% |          |
| 35) Dibromofluoromethane    | 4.31  | 113  | 21135    | 12.19  | ug/l   | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 24.38% |          |
| 50) Toluene-d8              | 7.71  | 98   | 155632   | 35.49  | ug/l   | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 70.98% |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 39336    | 24.93  | ug/l   | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 49.86% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 68) m/p-Xylenes             | 10.27 | 106  | 8710     | 5.205  | ug/l   | 95       |
| 70) Styrene                 | 10.89 | 104  | 16661    | 6.672  | ug/l # | 85       |
| 73) Isopropylbenzene        | 11.22 | 105  | 7192     | 3.131  | ug/l   | 91       |
| 78) n-propylbenzene         | 11.68 | 91   | 12284    | 4.429  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 11.89 | 105  | 6743     | 3.589  | ug/l   | 80       |
| 83) tert-Butylbenzene       | 12.20 | 119  | 4016     | 2.157  | ug/l # | 46       |
| 84) 1,2,4-Trimethylbenzene  | 12.27 | 105  | 9934     | 5.577  | ug/l   | 73       |
| 85) sec-Butylbenzene        | 12.38 | 105  | 7959     | 3.245  | ug/l   | 95       |
| 86) p-Isopropyltoluene      | 12.52 | 119  | 7013     | 3.435  | ug/l   | 88       |
| 95) Naphthalene             | 14.50 | 128  | 14294    | 14.202 | ug/l # | 92       |

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

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