

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\  
 Data File : VF062636.D  
 Acq On : 17 May 2019 13:42  
 Operator : FY/SY  
 Sample : K2637-01  
 Misc : 0.94g/5mL/MSVOA F/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 HR-06-051519-A

Quant Time: May 18 02:01:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051619S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 05:49:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.06  | 168  | 72874    | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 5.79  | 114  | 74748    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 42104    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 17783    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.03  | 65   | 8490     | 16.49  | ug/l  | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |       |          |
| Recovery                    |       |      |          |        |       | 32.98%   |
| 35) Dibromofluoromethane    | 4.31  | 113  | 14472    | 25.30  | ug/l  | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |       |          |
| Recovery                    |       |      |          |        |       | 50.60%   |
| 50) Toluene-d8              | 7.72  | 98   | 57169    | 41.86  | ug/l  | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |       |          |
| Recovery                    |       |      |          |        |       | 83.72%   |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 14192    | 27.40  | ug/l  | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |       |          |
| Recovery                    |       |      |          |        |       | 54.80%   |

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------|-------|------|----------|--------|--------|--------|
| 20) Methylene Chloride   | 2.32  | 84   | 8387     | 12.524 | ug/l # | 70     |
| 51) 4-Methyl-2-Pentanone | 8.40  | 43   | 22714    | 82.018 | ug/l # | 78     |
| 52) Toluene              | 7.79  | 92   | 9460     | 8.645  | ug/l # | 61     |
| 59) 2-Hexanone           | 9.62  | 43   | 16745    | 80.875 | ug/l   | 79     |
| 67) Ethyl Benzene        | 10.04 | 91   | 11914    | 8.293  | ug/l   | 91     |
| 68) m/p-Xylenes          | 10.26 | 106  | 10498    | 19.443 | ug/l   | 100    |
| 69) o-Xylene             | 10.81 | 106  | 4791     | 8.615  | ug/l   | 95     |
| 73) Isopropylbenzene     | 11.22 | 105  | 18983    | 14.894 | ug/l   | 92     |
| 78) n-propylbenzene      | 11.67 | 91   | 22579    | 14.969 | ug/l   | 84     |

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

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