

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF122118\  
 Data File : VF061123.D  
 Acq On : 21 Dec 2018 13:51  
 Operator : VA/AP  
 Sample : J6194-09RE  
 Misc : 7.1g/5mL/MSVOA-F/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 OK-01-121818-BRE

Quant Time: Dec 21 16:04:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T. | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 0.00 | 168  | 0        | 0.00  | ug/l  | -4.87    |
| 34) 1,4-Difluorobenzene    | 5.47 | 114  | 67       | 50.00 | ug/l  | -0.12    |
| 63) Chlorobenzene-d5       | 0.00 | 117  | 0        | 0.00  | ug/l  | -9.78    |
| 72) 1,4-Dichlorobenzene-d4 | 0.00 | 152  | 0        | 0.00  | ug/l  | -12.55   |

|                             |        |     |          |        |         |       |
|-----------------------------|--------|-----|----------|--------|---------|-------|
| System Monitoring Compounds |        |     |          |        |         |       |
| 33) 1,2-Dichloroethane-d4   | 4.81   | 65  | 92       | 0.00   | ug/l    | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 0.00%   |       |
| 35) Dibromofluoromethane    | 4.17   | 113 | 60       | 111.79 | ug/l    | 0.06  |
| Spiked Amount               | 50.000 |     | Recovery | =      | 223.58% |       |
| 50) Toluene-d8              | 0.00   | 98  | 0        | 0.00   | ug/l    |       |
| Spiked Amount               | 50.000 |     | Recovery | =      | 0.00%   |       |
| 62) 4-Bromofluorobenzene    | 0.00   | 95  | 0        | 0.00   | ug/l    |       |
| Spiked Amount               | 50.000 |     | Recovery | =      | 0.00%   |       |

| Target Compounds         | R.T. | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------|------|------|----------|-----------|--------|--------|
| 36) 1,1-Dichloropropene  | 4.14 | 75   | 98       | 121.177   | ug/l # | 43     |
| 37) Ethyl Acetate        | 4.03 | 43   | 191      | Below Cal | #      | 21     |
| 40) Benzene              | 4.63 | 78   | 70       | 40.249    | ug/l # | 1      |
| 41) Methacrylonitrile    | 4.64 | 41   | 242      | 1416.889  | ug/l # | 43     |
| 42) 1,2-Dichloroethane   | 4.97 | 62   | 64       | 96.869    | ug/l   | 77     |
| 43) Isopropyl Acetate    | 6.82 | 43   | 346      | 886.047   | ug/l # | 45     |
| 47) Bromodichloromethane | 6.11 | 83   | 73       | 91.548    | ug/l # | 24     |
| 48) Methyl methacrylate  | 6.59 | 41   | 192      | 704.304   | ug/l # | 31     |
| 49) 1,4-Dioxane          | 6.23 | 88   | 94       | 47521.568 | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone | 8.09 | 43   | 390      | 1456.243  | ug/l # | 38     |
| 56) Ethyl methacrylate   | 8.44 | 69   | 75       | 200.826   | ug/l # | 24     |
| 57) 1,3-Dichloropropane  | 8.71 | 76   | 79       | 126.560   | ug/l # | 42     |
| 59) 2-Hexanone           | 9.30 | 43   | 474      | 2447.389  | ug/l # | 27     |

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

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