

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061303.D
 Acq On : 9 Jan 2019 16:11
 Operator : VA/AP
 Sample : K1082-11
 Misc : 3.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-6

Quant Time: Jan 10 05:55:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	62	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	64	92.74	ug/l	0.04
Spiked Amount	50.000		Recovery	=	185.48%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
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
3) Chloromethane	1.08	50	195	191.341	ug/l #	70
4) Vinyl Chloride	1.16	62	77	84.595	ug/l #	43
5) Bromomethane	1.29	94	859	Below Cal	#	62
6) Chloroethane	1.36	64	67	150.736	ug/l #	45
7) Trichlorofluoromethane	1.38	101	87	56.382	ug/l #	19
12) 1,1-Dichloroethene	1.80	96	134	205.671	ug/l #	1
13) Acrolein	1.99	56	547	19868.423	ug/l	99
14) Allyl chloride	2.10	41	320	268.709	ug/l #	82
15) Acrylonitrile	2.98	53	237	2419.638	ug/l #	32
16) Acetone	2.25	43	1678	10452.648	ug/l #	55
17) Carbon Disulfide	1.84	76	63	29.275	ug/l #	74
18) Methyl Acetate	2.34	43	877	2776.695	ug/l #	65
19) Methyl tert-butyl Ether	2.50	73	86	69.268	ug/l #	57
20) Methylene Chloride	2.18	84	70	103.070	ug/l #	1
21) trans-1,2-Dichloroethene	2.33	96	178	257.824	ug/l #	1
22) Diisopropyl ether	2.81	45	737	319.886	ug/l #	19
23) Vinyl Acetate	3.20	43	299	443.765	ug/l #	77
24) 1,1-Dichloroethane	2.82	63	146	109.549	ug/l #	87
25) 2-Butanone	4.33	43	238	921.135	ug/l #	56
26) 2,2-Dichloropropane	3.51	77	76	85.337	ug/l #	60
28) Bromochloromethane	3.57	49	115	195.708	ug/l #	13
29) Tetrahydrofuran	4.07	42	276	2554.854	ug/l #	59
30) Chloroform	3.97	83	71	41.967	ug/l #	16
31) Cyclohexane	3.68	56	71	50.781	ug/l #	1

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

