

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061512.D
 Acq On : 24 Jan 2019 20:57
 Operator : VA/AP
 Sample : k1216-01
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MULCH-1

Quant Time: Jan 25 04:11:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	8688	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.63	114	8933	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	2705	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	179	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	2243	20.91	ug/l	0.03
Spiked Amount			Recovery	=	41.82%	
35) Dibromofluoromethane	4.14	113	2999	42.55	ug/l	0.03
Spiked Amount			Recovery	=	85.10%	
50) Toluene-d8	7.58	98	7503	38.85	ug/l	0.03
Spiked Amount			Recovery	=	77.70%	
62) 4-Bromofluorobenzene	11.43	95	660	7.31	ug/l	0.02
Spiked Amount			Recovery	=	14.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	440	3.515	ug/l #	44
4) Vinyl Chloride	1.09	62	202	1.814	ug/l #	43
5) Bromomethane	1.32	94	295	4.063	ug/l #	2
6) Chloroethane	1.25	64	68	1.378	ug/l #	41
8) Diethyl Ether	1.61	74	72	2.596	ug/l	89
11) Tert butyl alcohol	2.47	59	60	13.215	ug/l #	1
13) Acrolein	1.93	56	638	166.731	ug/l	89
14) Allyl chloride	2.11	41	620	Below Cal	#	80
15) Acrylonitrile	2.95	53	663	57.008	ug/l #	23
16) Acetone	2.26	43	2842	132.072	ug/l #	61
18) Methyl Acetate	2.37	43	1754	41.102	ug/l #	61
22) Diisopropyl ether	2.80	45	357	1.298	ug/l #	1
23) Vinyl Acetate	3.23	43	921	10.711	ug/l #	78
25) 2-Butanone	4.37	43	180	5.030	ug/l #	57
26) 2,2-Dichloropropane	3.67	77	116	1.094	ug/l #	61
29) Tetrahydrofuran	4.05	42	67	4.348	ug/l #	38
37) Ethyl Acetate	4.13	43	200	4.831	ug/l #	5
41) Methacrylonitrile	4.79	41	77	3.495	ug/l #	29
43) Isopropyl Acetate	7.00	43	78	1.501	ug/l #	51
45) 1,2-Dichloropropane	6.23	63	94	1.554	ug/l #	44
48) Methyl methacrylate	6.77	41	149	4.270	ug/l #	19
51) 4-Methyl-2-Pentanone	8.30	43	208	5.445	ug/l #	39
56) Ethyl methacrylate	8.73	69	72	1.436	ug/l #	55
58) 2-Chloroethyl Vinyl ether	7.35	63	60	37.673	ug/l #	47
59) 2-Hexanone	9.53	43	125	4.693	ug/l #	26
65) Chlorobenzene	9.62	112	85	1.545	ug/l #	43
74) N-amyl acetate	11.40	43	460	133.623	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.69	83	59	22.749	ug/l #	24
82) 4-Chlorotoluene	11.97	91	65	6.377	ug/l #	43
86) p-Isopropyltoluene	12.48	119	229	16.893	ug/l #	50
92) 1,2-Dibromo-3-Chloropropan	13.64	75	66	143.474	ug/l #	1

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

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