

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061913.D
 Acq On : 12 Mar 2019 19:04
 Operator : VA/AP
 Sample : K1697-05
 Misc : 5.75g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-031119-A

Quant Time: Mar 13 02:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	16673	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	19787	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	11460	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	4406	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	2398	19.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	39.50%	
35) Dibromofluoromethane	4.09	113	5213	37.75	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	75.50%	
50) Toluene-d8	7.54	98	16747	40.80	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	81.60%	
62) 4-Bromofluorobenzene	11.40	95	4523	28.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	56.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.28	94	617	4.807	ug/l #	3
8) Diethyl Ether	1.62	74	63	1.205	ug/l #	28
11) Tert butyl alcohol	2.51	59	67	9.722	ug/l #	64
13) Acrolein	1.96	56	305	34.927	ug/l	98
14) Allyl chloride	2.09	41	321	2.043	ug/l #	37
15) Acrylonitrile	2.93	53	318	14.491	ug/l #	64
16) Acetone	2.22	43	1229	48.321	ug/l #	50
18) Methyl Acetate	2.32	43	1052	19.527	ug/l #	62
20) Methylene Chloride	2.19	84	430	Below Cal	#	20
21) trans-1,2-Dichloroethene	2.30	96	238	1.773	ug/l #	1
23) Vinyl Acetate	3.19	43	642	3.517	ug/l #	76
25) 2-Butanone	4.34	43	91	1.759	ug/l #	56
29) Tetrahydrofuran	4.06	42	67	3.003	ug/l #	33
37) Ethyl Acetate	4.09	43	162	2.065	ug/l #	20
41) Methacrylonitrile	4.71	41	67	1.559	ug/l #	24
43) Isopropyl Acetate	6.89	43	213	2.203	ug/l #	42
48) Methyl methacrylate	6.70	41	69	1.127	ug/l #	18
51) 4-Methyl-2-Pentanone	8.24	43	86	1.287	ug/l #	35
52) Toluene	7.60	92	1873	6.480	ug/l #	69
59) 2-Hexanone	9.45	43	68	1.410	ug/l #	22
90) Hexachloroethane	12.77	117	77	1.118	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.18	180	131	1.423	ug/l #	11
94) Hexachlorobutadiene	14.15	225	68	1.067	ug/l #	20

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

