

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061999.D
 Acq On : 18 Mar 2019 16:03
 Operator : VA/AP
 Sample : K1933-08RE
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-8RE

Quant Time: Mar 19 01:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	9533	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	9956	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	4954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	1048	15.27	ug/l	-0.01
Spiked Amount			Recovery	=	30.54%	
35) Dibromofluoromethane	4.11	113	2533	37.89	ug/l	0.00
Spiked Amount			Recovery	=	75.78%	
50) Toluene-d8	7.54	98	9795	50.12	ug/l	-0.01
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.40	95	1316	16.95	ug/l	-0.01
Spiked Amount			Recovery	=	33.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	144	1.394	ug/l #	1
5) Bromomethane	1.29	94	409	5.829	ug/l #	3
6) Chloroethane	1.39	64	62	1.202	ug/l #	40
8) Diethyl Ether	1.65	74	59	2.006	ug/l #	1
11) Tert butyl alcohol	2.40	59	66	15.718	ug/l #	1
12) 1,1-Dichloroethene	1.83	96	82	1.019	ug/l #	1
13) Acrolein	2.13	56	288	63.534	ug/l	99
14) Allyl chloride	2.06	41	846	8.237	ug/l #	17
15) Acrylonitrile	2.96	53	313	24.512	ug/l #	18
16) Acetone	2.36	43	518	33.616	ug/l	91
18) Methyl Acetate	2.43	43	604	19.159	ug/l #	63
20) Methylene Chloride	2.20	84	208	2.622	ug/l #	22
21) trans-1,2-Dichloroethene	2.32	96	195	2.322	ug/l #	1
22) Diisopropyl ether	2.79	45	280	1.133	ug/l #	52
23) Vinyl Acetate	3.19	43	342	3.512	ug/l #	77
25) 2-Butanone	4.35	43	66	2.163	ug/l #	51
26) 2,2-Dichloropropane	3.42	77	127	1.874	ug/l #	54
29) Tetrahydrofuran	4.11	42	141	10.624	ug/l #	33
37) Ethyl Acetate	4.08	43	413	10.231	ug/l #	19
41) Methacrylonitrile	4.67	41	81	3.755	ug/l #	22
43) Isopropyl Acetate	6.96	43	411	8.605	ug/l #	38
48) Methyl methacrylate	6.69	41	63	2.041	ug/l #	20
51) 4-Methyl-2-Pentanone	8.26	43	70	2.064	ug/l #	36
56) Ethyl methacrylate	8.48	69	67	1.451	ug/l #	24
59) 2-Hexanone	9.44	43	229	9.329	ug/l #	23
60) Dibromochloromethane	8.78	129	83	1.472	ug/l #	12
74) N-amyl acetate	11.37	43	111	6.678	ug/l #	21

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

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