

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062023.D
 Acq On : 19 Mar 2019 17:47
 Operator : VA/AP
 Sample : K1958-01
 Misc : 7.27g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 20 05:22:09 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	4.85	168	24815	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	28412	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	18061	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	6925	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	3531	19.77	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	39.54%	
35) Dibromofluoromethane	4.10	113	6878	36.05	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	72.10%	
50) Toluene-d8	7.54	98	24578	44.07	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	11.41	95	6725	30.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.31	94	511	2.798	ug/l #	3
8) Diethyl Ether	1.70	74	80	1.045	ug/l	81
13) Acrolein	1.98	56	325	27.543	ug/l #	54
15) Acrylonitrile	2.92	53	92	2.768	ug/l #	18
16) Acetone	2.21	43	1543	38.468	ug/l #	50
18) Methyl Acetate	2.41	43	1532	18.669	ug/l #	63
20) Methylene Chloride	2.18	84	956	4.629	ug/l #	68
23) Vinyl Acetate	3.21	43	466	1.838	ug/l #	77
25) 2-Butanone	4.34	43	130	1.636	ug/l #	51
29) Tetrahydrofuran	4.04	42	151	4.371	ug/l #	65
37) Ethyl Acetate	4.13	43	474	4.114	ug/l #	19
41) Methacrylonitrile	4.78	41	70	1.137	ug/l #	22
43) Isopropyl Acetate	6.98	43	196	1.438	ug/l #	38
48) Methyl methacrylate	6.69	41	282	3.201	ug/l #	20
51) 4-Methyl-2-Pentanone	8.20	43	385	3.978	ug/l #	36
59) 2-Hexanone	9.44	43	111	1.585	ug/l #	23

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

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