

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062004.D
 Acq On : 18 Mar 2019 18:27
 Operator : VA/AP
 Sample : K1958-01
 Misc : 6.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 19 01:24:04 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	47995	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	46104	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	24286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	8606	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	4190	12.13	ug/l	0.00
Spiked Amount						
			Recovery	=	24.26%	
35) Dibromofluoromethane	4.10	113	10572	34.15	ug/l	-0.01
Spiked Amount						
			Recovery	=	68.30%	
50) Toluene-d8	7.54	98	29725	32.84	ug/l	-0.01
Spiked Amount						
			Recovery	=	65.68%	
62) 4-Bromofluorobenzene	11.41	95	8267	22.99	ug/l	0.00
Spiked Amount						
			Recovery	=	45.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.60	74	171	1.155	ug/l	61
13) Acrolein	1.94	56	400	17.527	ug/l	94
15) Acrylonitrile	2.93	53	246	3.827	ug/l #	18
16) Acetone	2.09	43	1110	14.308	ug/l	99
18) Methyl Acetate	2.42	43	893	5.626	ug/l #	63
20) Methylene Chloride	2.17	84	1264	3.165	ug/l #	70
29) Tetrahydrofuran	4.05	42	145	2.170	ug/l #	33
37) Ethyl Acetate	4.09	43	321	1.717	ug/l #	19
41) Methacrylonitrile	4.72	41	173	1.732	ug/l #	22
51) 4-Methyl-2-Pentanone	8.22	43	198	1.261	ug/l #	36
74) N-amyl acetate	11.37	43	196	1.439	ug/l #	43

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

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