

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062001.D
 Acq On : 18 Mar 2019 17:01
 Operator : VA/AP
 Sample : K1951-04
 Misc : 6.53g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-03-006-B

Quant Time: Mar 19 01:23:23 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	21258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	24126	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	14284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	3456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	3432	22.43	ug/l	0.00
Spiked Amount			Recovery	=	44.86%	
35) Dibromofluoromethane	4.10	113	6002	37.05	ug/l	0.00
Spiked Amount			Recovery	=	74.10%	
50) Toluene-d8	7.54	98	20635	43.57	ug/l	-0.02
Spiked Amount			Recovery	=	87.14%	
62) 4-Bromofluorobenzene	11.40	95	4652	24.73	ug/l	0.00
Spiked Amount			Recovery	=	49.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.32	94	338	2.160	ug/l #	3
11) Tert butyl alcohol	2.71	59	75	8.010	ug/l #	71
13) Acrolein	1.89	56	208	20.577	ug/l	100
14) Allyl chloride	2.05	41	516	2.253	ug/l #	17
15) Acrylonitrile	2.93	53	344	12.081	ug/l #	36
16) Acetone	2.24	43	516	15.017	ug/l #	83
18) Methyl Acetate	2.37	43	2454	34.908	ug/l #	63
20) Methylene Chloride	2.17	84	524	2.962	ug/l #	39
29) Tetrahydrofuran	4.12	42	267	9.022	ug/l #	33
37) Ethyl Acetate	4.11	43	183	1.871	ug/l #	19
41) Methacrylonitrile	4.74	41	68	1.301	ug/l #	22
43) Isopropyl Acetate	6.95	43	428	3.698	ug/l #	38
44) Trichloroethene	5.49	130	410	2.318	ug/l	4
51) 4-Methyl-2-Pentanone	8.25	43	165	2.008	ug/l #	36
56) Ethyl methacrylate	8.61	69	363	3.244	ug/l #	24
59) 2-Hexanone	9.43	43	378	6.355	ug/l #	23
74) N-amyl acetate	11.34	43	202	3.692	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.67	83	156	3.958	ug/l #	22
80) 1,3,5-Trimethylbenzene	11.81	105	1283	6.652	ug/l	94
86) p-Isopropyltoluene	12.42	119	969	4.261	ug/l #	74
90) Hexachloroethane	12.95	117	95	1.831	ug/l #	18

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

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