

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059993.D
 Acq On : 18 Aug 2018 1:24
 Operator : VA/AP
 Sample : J4511-02
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-FL-024

Quant Time: Aug 18 01:42:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	1191	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	766	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	386	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	69	3.00	ug/l	-0.03
Spiked Amount			Recovery	=	6.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	7.71	98	591	33.95	ug/l	-0.01
Spiked Amount			Recovery	=	67.90%	
62) 4-Bromofluorobenzene	11.52	95	164	15.35	ug/l	0.00
Spiked Amount			Recovery	=	30.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	89	7.74	ug/l #	45
5) Bromomethane	1.35	94	62	4.93	ug/l #	3
6) Chloroethane	1.28	64	256	40.87	ug/l	100
12) 1,1-Dichloroethene	1.86	96	64	5.72	ug/l #	1
14) Allyl chloride	2.15	41	90	4.74	ug/l #	1
16) Acetone	2.37	43	70	Below Cal	#	64
18) Methyl Acetate	2.37	43	70	3.16	ug/l #	63
19) Methyl tert-butyl Ether	2.53	73	60	1.63	ug/l #	60
23) Vinyl Acetate	3.28	43	61	3.73	ug/l #	84
24) 1,1-Dichloroethane	2.90	63	237	8.90	ug/l #	90
25) 2-Butanone	4.50	43	107	19.25	ug/l #	63
29) Tetrahydrofuran	4.30	42	61	30.75	ug/l #	38
37) Ethyl Acetate	4.40	43	71	14.72	ug/l #	1
41) Methacrylonitrile	4.95	41	62	26.85	ug/l #	19
43) Isopropyl Acetate	7.03	43	142	26.75	ug/l #	58
48) Methyl methacrylate	6.86	41	76	19.24	ug/l #	14
49) 1,4-Dioxane	6.88	88	72	2014.79	ug/l #	25
51) 4-Methyl-2-Pentanone	8.34	43	76	15.33	ug/l #	43
55) 1,1,2-Trichloroethane	8.77	97	90	20.30	ug/l #	18
56) Ethyl methacrylate	8.74	69	61	11.87	ug/l #	5
59) 2-Hexanone	9.54	43	180	43.97	ug/l #	35

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

