

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061780.D
 Acq On : 27 Feb 2019 21:50
 Operator : VA/AP
 Sample : K1340-01
 Misc : 7.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-022719

Quant Time: Feb 28 01:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	5758	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	6797	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	3132	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	1193	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	678	16.06	ug/l	-0.01
Spiked Amount 50.000			Recovery =	32.12%		
35) Dibromofluoromethane	4.11	113	1480	29.32	ug/l	-0.01
Spiked Amount 50.000			Recovery =	58.64%		
50) Toluene-d8	7.55	98	5078	35.00	ug/l	-0.01
Spiked Amount 50.000			Recovery =	70.00%		
62) 4-Bromofluorobenzene	11.42	95	1170	19.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	39.86%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.81	85	69	1.043	ug/l #	43
3) Chloromethane	1.14	50	80	1.153	ug/l #	42
4) Vinyl Chloride	1.13	62	221	3.427	ug/l #	40
5) Bromomethane	1.35	94	842	18.969	ug/l #	3
6) Chloroethane	1.43	64	93	2.926	ug/l #	40
8) Diethyl Ether	1.51	74	182	9.284	ug/l	76
11) Tert butyl alcohol	2.48	59	98	40.104	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	331	6.708	ug/l #	1
13) Acrolein	1.99	56	455	148.147	ug/l	100
14) Allyl chloride	2.11	41	822	13.577	ug/l #	57
15) Acrylonitrile	2.94	53	69	7.961	ug/l #	62
16) Acetone	2.16	43	611	67.444	ug/l	90
18) Methyl Acetate	2.37	43	1374	67.324	ug/l #	59
21) trans-1,2-Dichloroethene	2.27	96	134	2.498	ug/l #	1
22) Diisopropyl ether	2.81	45	227	1.562	ug/l #	1
23) Vinyl Acetate	3.20	43	815	11.481	ug/l #	74
25) 2-Butanone	4.34	43	390	19.708	ug/l #	55
26) 2,2-Dichloropropane	3.58	77	76	2.040	ug/l #	52
29) Tetrahydrofuran	4.07	42	223	24.794	ug/l #	33
31) Cyclohexane	3.56	56	331	3.476	ug/l #	16
36) 1,1-Dichloropropene	4.31	75	142	2.109	ug/l #	37
37) Ethyl Acetate	4.12	43	304	9.720	ug/l #	30
41) Methacrylonitrile	4.73	41	273	17.069	ug/l #	25
43) Isopropyl Acetate	6.96	43	193	5.214	ug/l #	43
45) 1,2-Dichloropropane	6.36	63	65	1.527	ug/l #	44
48) Methyl methacrylate	6.66	41	140	6.284	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	137	5.179	ug/l #	34
53) t-1,3-Dichloropropene	8.42	75	62	1.298	ug/l #	42
54) cis-1,3-Dichloropropene	7.28	75	81	1.273	ug/l #	45
55) 1,1,2-Trichloroethane	8.41	97	75	2.390	ug/l #	16
59) 2-Hexanone	9.50	43	60	3.236	ug/l #	23
74) N-amyl acetate	11.41	43	70	3.433	ug/l #	44

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

