

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061306.D
 Acq On : 9 Jan 2019 17:37
 Operator : VA/AP
 Sample : K1082-29
 Misc : 4.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-3

Quant Time: Jan 10 05:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	67	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	89	119.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	238.68%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.47	98	68	0.00	ug/l	-0.10
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	63	57.204	ug/l #	40
4) Vinyl Chloride	1.27	62	64	65.065	ug/l #	43
5) Bromomethane	1.29	94	586	Below Cal	#	6
6) Chloroethane	1.36	64	62	129.078	ug/l #	45
8) Diethyl Ether	1.71	74	60	245.039	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	1.87	101	60	68.145	ug/l #	23
10) Methyl Iodide	1.99	142	59	42.772	ug/l #	32
12) 1,1-Dichloroethene	1.78	96	195	276.962	ug/l #	1
13) Acrolein	1.95	56	424	14244.896	ug/l	83
14) Allyl chloride	2.14	41	1829	1421.223	ug/l #	51
15) Acrylonitrile	2.99	53	65	614.090	ug/l #	12
16) Acetone	2.13	43	409	2357.624	ug/l	99
17) Carbon Disulfide	1.77	76	60	25.801	ug/l #	74
18) Methyl Acetate	2.39	43	821	2405.408	ug/l #	65
19) Methyl tert-butyl Ether	2.39	73	131	97.639	ug/l #	1
20) Methylene Chloride	2.17	84	63	85.841	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	250	335.089	ug/l #	1
22) Diisopropyl ether	2.86	45	585	234.964	ug/l #	23
23) Vinyl Acetate	3.26	43	257	352.965	ug/l #	77
24) 1,1-Dichloroethane	2.85	63	64	44.438	ug/l #	87
25) 2-Butanone	4.38	43	130	465.593	ug/l #	56
27) cis-1,2-Dichloroethene	3.43	96	60	57.601	ug/l	1
28) Bromochloromethane	3.66	49	63	99.213	ug/l #	13
29) Tetrahydrofuran	4.12	42	187	1601.827	ug/l #	36
30) Chloroform	3.88	83	60	32.818	ug/l #	16
31) Cyclohexane	3.59	56	64	42.359	ug/l #	14

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

