

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061747.D
 Acq On : 26 Feb 2019 18:01
 Operator : VA/AP
 Sample : K1627-01
 Misc : 6.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-(0-6)

Quant Time: Feb 27 04:08:09 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	4.86	168	25647	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	27174	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	11900	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	2295	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	3196	16.99	ug/l	-0.03
Spiked Amount			Recovery	=	33.98%	
35) Dibromofluoromethane	4.09	113	6147	30.46	ug/l	-0.03
Spiked Amount			Recovery	=	60.92%	
50) Toluene-d8	7.53	98	18551	31.98	ug/l	-0.03
Spiked Amount			Recovery	=	63.96%	
62) 4-Bromofluorobenzene	11.40	95	2630	11.20	ug/l	-0.02
Spiked Amount			Recovery	=	22.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.30	94	360	1.821	ug/l #	3
11) Tert butyl alcohol	2.59	59	66	6.064	ug/l #	63
12) 1,1-Dichloroethene	1.81	96	240	1.092	ug/l #	1
13) Acrolein	2.12	56	392	28.655	ug/l	88
14) Allyl chloride	2.10	41	601	2.229	ug/l #	68
15) Acrylonitrile	2.95	53	162	4.196	ug/l #	78
16) Acetone	2.29	43	867	21.486	ug/l #	46
18) Methyl Acetate	2.31	43	1083	11.914	ug/l	96
20) Methylene Chloride	2.18	84	1525	4.773	ug/l #	77
22) Diisopropyl ether	2.80	45	1005	1.552	ug/l #	43
23) Vinyl Acetate	3.20	43	373	1.180	ug/l #	74
25) 2-Butanone	4.30	43	128	1.452	ug/l #	55
29) Tetrahydrofuran	4.07	42	261	6.515	ug/l #	33
37) Ethyl Acetate	4.08	43	183	1.464	ug/l #	30
41) Methacrylonitrile	4.75	41	127	1.986	ug/l #	25
43) Isopropyl Acetate	6.93	43	150	1.014	ug/l #	43
48) Methyl methacrylate	6.70	41	237	2.661	ug/l #	48
58) 2-Chloroethyl Vinyl ether	7.21	63	61	2.531	ug/l #	44
59) 2-Hexanone	9.45	43	136	1.835	ug/l #	23
74) N-amyl acetate	11.38	43	196	4.997	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.57	83	60	2.050	ug/l #	26
81) trans-1,4-Dichloro-2-buten	12.01	75	62	6.498	ug/l #	21
83) tert-Butylbenzene	12.12	119	145	1.002	ug/l #	33
89) n-Butylbenzene	12.86	91	350	2.361	ug/l #	28
93) 1,2,4-Trichlorobenzene	14.19	180	105	1.957	ug/l #	11
95) Naphthalene	14.44	128	479	5.103	ug/l #	64
96) 1,2,3-Trichlorobenzene	14.59	180	70	1.421	ug/l #	71

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

