

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061730.D
 Acq On : 25 Feb 2019 15:09
 Operator : VA/AP
 Sample : K1348-05
 Misc : 5.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-022219-B

Quant Time: Feb 26 04:32:05 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	4.88	168	10192	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	12817	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	8670	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	2025	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	1333	17.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.68%	
35) Dibromofluoromethane	4.11	113	3103	32.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	65.20%	
50) Toluene-d8	7.56	98	10567	38.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.24%	
62) 4-Bromofluorobenzene	11.42	95	2362	21.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.29	94	230	2.927	ug/l #	48
6) Chloroethane	1.33	64	67	1.191	ug/l #	40
8) Diethyl Ether	1.78	74	73	2.104	ug/l	67
11) Tert butyl alcohol	2.56	59	72	16.646	ug/l #	63
12) 1,1-Dichloroethene	1.79	96	117	1.340	ug/l #	1
13) Acrolein	1.90	56	1044	192.042	ug/l	94
14) Allyl chloride	2.13	41	523	4.880	ug/l #	71
15) Acrylonitrile	2.96	53	273	17.794	ug/l #	36
16) Acetone	2.26	43	2063	128.650	ug/l #	46
18) Methyl Acetate	2.34	43	293	8.111	ug/l #	59
20) Methylene Chloride	2.18	84	634	5.116	ug/l #	51
21) trans-1,2-Dichloroethene	2.31	96	186	1.959	ug/l #	1
22) Diisopropyl ether	2.83	45	540	2.099	ug/l #	47
23) Vinyl Acetate	3.18	43	378	3.008	ug/l #	74
25) 2-Butanone	4.34	43	91	2.598	ug/l #	55
26) 2,2-Dichloropropane	3.70	77	71	1.077	ug/l #	52
28) Bromochloromethane	3.74	49	85	1.138	ug/l #	3
29) Tetrahydrofuran	4.10	42	235	14.761	ug/l #	33
37) Ethyl Acetate	4.15	43	239	4.053	ug/l #	30
41) Methacrylonitrile	4.75	41	283	9.384	ug/l #	22
43) Isopropyl Acetate	6.94	43	176	2.521	ug/l #	43
48) Methyl methacrylate	6.70	41	104	2.476	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	361	7.238	ug/l #	34
56) Ethyl methacrylate	8.61	69	66	1.002	ug/l #	26
59) 2-Hexanone	9.52	43	76	2.174	ug/l #	23
74) N-amyl acetate	11.40	43	434	12.541	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	11.58	83	64	2.478	ug/l #	26
95) Naphthalene	14.45	128	144	1.739	ug/l #	69

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

