

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
 Data File : VF061698.D
 Acq On : 21 Feb 2019 15:13
 Operator : VA/AP
 Sample : K1344-03
 Misc : 10.47g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 03:28:40 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	16741	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	19610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	11925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	3828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	1709	13.92	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	27.84%	
35) Dibromofluoromethane	4.12	113	3454	23.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.44%	
50) Toluene-d8	7.55	98	14072	33.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.22%	
62) 4-Bromofluorobenzene	11.42	95	3765	22.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	315	1.562	ug/l #	42
5) Bromomethane	1.35	94	891	6.904	ug/l #	3
8) Diethyl Ether	1.63	74	63	1.105	ug/l #	42
11) Tert butyl alcohol	2.53	59	73	10.275	ug/l #	63
13) Acrolein	2.01	56	169	18.926	ug/l #	1
14) Allyl chloride	2.04	41	445	2.528	ug/l #	71
15) Acrylonitrile	2.96	53	149	5.912	ug/l #	1
16) Acetone	2.24	43	1326	50.342	ug/l #	79
18) Methyl Acetate	2.37	43	4107	69.215	ug/l #	59
20) Methylene Chloride	2.16	84	351	Below Cal	#	37
21) trans-1,2-Dichloroethene	2.32	96	199	1.276	ug/l #	1
23) Vinyl Acetate	3.13	43	2017	9.773	ug/l #	74
25) 2-Butanone	4.30	43	326	5.666	ug/l #	55
26) 2,2-Dichloropropane	3.49	77	135	1.246	ug/l #	52
29) Tetrahydrofuran	4.07	42	341	13.040	ug/l #	53
37) Ethyl Acetate	4.13	43	208	2.305	ug/l #	13
41) Methacrylonitrile	4.74	41	98	2.124	ug/l #	25
43) Isopropyl Acetate	6.97	43	342	3.202	ug/l #	43
48) Methyl methacrylate	6.72	41	155	2.412	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	362	4.744	ug/l #	34
52) Toluene	7.62	92	571	1.853	ug/l #	11
55) 1,1,2-Trichloroethane	8.48	97	120	1.325	ug/l #	16
59) 2-Hexanone	9.49	43	164	3.066	ug/l #	23
74) N-ethyl acetate	11.40	43	78	1.192	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.71	83	77	1.577	ug/l #	26
76) 1,2,3-Trichloropropane	11.64	75	60	1.807	ug/l #	42
89) n-Butylbenzene	12.87	91	374	1.513	ug/l #	28
90) Hexachloroethane	12.98	117	68	1.117	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.53	75	88	11.367	ug/l #	31
95) Naphthalene	14.46	128	250	1.597	ug/l #	33

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

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