

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063388.D
 Acq On : 5 Aug 2019 18:39
 Operator : VA/AP
 Sample : K4153-01
 Misc : 6.72g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4221

Quant Time: Aug 06 07:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	16614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	25538	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	24183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	15080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	12946	70.23	ug/l	0.00
Spiked Amount			Recovery	=	140.46%	
35) Dibromofluoromethane	6.92	113	10278	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	10.40	98	20973	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	13.55	95	9821	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	818	5.184	ug/l #	46
4) Vinyl Chloride	1.85	62	386	2.363	ug/l #	45
5) Bromomethane	2.13	94	1009	12.248	ug/l #	12
6) Chloroethane	2.23	64	630	8.354	ug/l #	58
8) Diethyl Ether	2.86	74	240	5.412	ug/l	98
13) Acrolein	3.09	56	239	30.696	ug/l	92
14) Allyl chloride	3.73	41	223	1.086	ug/l #	80
16) Acetone	3.22	43	1354	37.697	ug/l #	62
18) Methyl Acetate	3.63	43	178	2.580	ug/l #	60
20) Methylene Chloride	3.81	84	730	5.028	ug/l #	88
23) Vinyl Acetate	5.06	43	257	1.019	ug/l #	82
25) 2-Butanone	6.04	43	205	5.687	ug/l #	56
29) Tetrahydrofuran	6.60	42	222	13.008	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	743	3.188	ug/l #	44
37) Ethyl Acetate	6.11	43	211	2.015	ug/l #	70
38) Carbon Tetrachloride	7.04	117	1362	3.882	ug/l #	11
41) Methacrylonitrile	6.43	41	197	1.573	ug/l #	40
43) Isopropyl Acetate	9.38	43	285	2.131	ug/l #	49
48) Methyl methacrylate	9.07	41	195	2.248	ug/l #	14
51) 4-Methyl-2-Pentanone	10.44	43	218	2.397	ug/l #	42
56) Ethyl methacrylate	10.91	69	185	1.540	ug/l #	13
59) 2-Hexanone	11.65	43	321	4.897	ug/l #	31
64) Tetrachloroethene	11.25	164	234	1.215	ug/l #	1
74) N-amyl acetate	13.27	43	308	1.231	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	6216	123.588	ug/l #	3
87) 1,3-Dichlorobenzene	14.54	146	478	1.001	ug/l #	25

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

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