

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063389.D
 Acq On : 5 Aug 2019 19:06
 Operator : VA/AP
 Sample : K4156-01RE
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT1494RE

Quant Time: Aug 06 07:52:06 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	7.04	168	9549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	17384	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	13907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6809	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	9474	89.42	ug/l	0.00
Spiked Amount			Recovery	=	178.84%	
35) Dibromofluoromethane	6.91	113	6681	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
50) Toluene-d8	10.41	98	17558	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	13.55	95	8264	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	202	2.227	ug/l #	46
4) Vinyl Chloride	1.87	62	211	2.248	ug/l #	45
5) Bromomethane	2.10	94	742	15.671	ug/l #	12
6) Chloroethane	2.35	64	263	6.068	ug/l #	1
10) Methyl Iodide	3.32	142	240	1.647	ug/l #	27
14) Allyl chloride	3.49	41	197	1.670	ug/l #	11
16) Acetone	3.21	43	210	10.172	ug/l #	62
18) Methyl Acetate	3.66	43	209	5.271	ug/l #	60
19) Methyl tert-butyl Ether	4.12	73	190	1.136	ug/l #	60
20) Methylene Chloride	3.78	84	227	2.720	ug/l #	51
23) Vinyl Acetate	5.17	43	349	2.408	ug/l #	82
25) 2-Butanone	6.04	43	210	10.136	ug/l #	56
29) Tetrahydrofuran	6.37	42	188	19.166	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	194	1.223	ug/l #	44
37) Ethyl Acetate	6.13	43	365	5.121	ug/l #	70
43) Isopropyl Acetate	8.98	43	457	5.019	ug/l #	49
49) 1,4-Dioxane	8.87	88	188	373.257	ug/l #	22
51) 4-Methyl-2-Pentanone	10.16	43	185	2.988	ug/l #	42
59) 2-Hexanone	11.54	43	248	5.558	ug/l #	31
74) N-amyl acetate	13.41	43	196	1.735	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	2852	125.583	ug/l #	3
84) 1,2,4-Trimethylbenzene	14.24	105	453	1.188	ug/l #	34
95) Naphthalene	16.12	128	267	1.268	ug/l #	70

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

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