

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063972.D
 Acq On : 15 Oct 2019 15:20
 Operator : VA/SY
 Sample : K5355-06RE
 Misc : 6.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-33RE

Quant Time: Oct 16 02:15:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	10188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	17738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	7802	78.66	ug/l	0.01
Spiked Amount						
			Recovery	=	157.32%	
35) Dibromofluoromethane	7.92	113	6895	63.61	ug/l	0.00
Spiked Amount						
			Recovery	=	127.22%	
50) Toluene-d8	10.34	98	21328	48.47	ug/l	0.00
Spiked Amount						
			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.64	95	8167	53.42	ug/l	0.00
Spiked Amount						
			Recovery	=	106.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	113	Below Cal	#	40
4) Vinyl Chloride	2.37	62	235	1.006	ug/l #	43
6) Chloroethane	2.93	64	185	1.198	ug/l #	46
8) Diethyl Ether	3.61	74	63	1.271	ug/l	91
11) Tert butyl alcohol	5.26	59	73	2.659	ug/l #	71
13) Acrolein	3.76	56	60	6.773	ug/l #	56
14) Allyl chloride	4.67	41	165	1.162	ug/l #	1
15) Acrylonitrile	5.56	53	55	2.517	ug/l #	1
16) Acetone	4.16	43	7291	282.334	ug/l	99
18) Methyl Acetate	4.72	43	167	3.306	ug/l #	49
20) Methylene Chloride	4.96	84	58	Below Cal	#	56
25) 2-Butanone	7.23	43	84	2.745	ug/l #	51
28) Bromochloromethane	7.54	49	58	2.687	ug/l #	10
29) Tetrahydrofuran	7.57	42	234	13.100	ug/l #	75
31) Cyclohexane	7.99	56	168	Below Cal	#	14
36) 1,1-Dichloropropene	7.99	75	951	5.864	ug/l #	56
37) Ethyl Acetate	7.31	43	58	Below Cal	#	1
41) Methacrylonitrile	7.58	41	132	3.510	ug/l #	1
48) Methyl methacrylate	9.47	41	171	2.624	ug/l #	9
49) 1,4-Dioxane	9.51	88	60	67.847	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	122	1.730	ug/l #	34
55) 1,1,2-Trichloroethane	10.77	97	186	2.033	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.96	63	76	1.526	ug/l #	44
59) 2-Hexanone	10.99	43	57	1.117	ug/l #	24
60) Dibromochloromethane	11.40	129	123	1.033	ug/l #	9
74) N-amyl acetate	12.27	43	219	1.426	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.73	83	319	2.569	ug/l #	26
76) 1,2,3-Trichloropropane	12.78	75	294	4.136	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	4302	107.098	ug/l #	13
90) Hexachloroethane	14.04	117	179	1.470	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.67	75	66	1.014	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.16	180	289	1.237	ug/l #	12

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

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