

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063938.D
 Acq On : 11 Oct 2019 15:43
 Operator : VA/SY
 Sample : K5325-03
 Misc : 6.68G/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-C

Quant Time: Oct 12 01:37:24 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	7.99	168	3006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	5397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	4387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	2281	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	2086	71.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	142.56%	
35) Dibromofluoromethane	7.91	113	1895	57.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.90%	
50) Toluene-d8	10.34	98	6238	46.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	12.63	95	2436	52.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.23	85	58	2.721	ug/l #	47
4) Vinyl Chloride	2.32	62	143	2.075	ug/l #	43
5) Bromomethane	2.72	94	55	1.242	ug/l #	5
6) Chloroethane	2.94	64	138	3.029	ug/l #	46
8) Diethyl Ether	3.81	74	55	3.762	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.94	101	68	2.697	ug/l #	16
11) Tert butyl alcohol	5.18	59	101	43.037	ug/l #	71
12) 1,1-Dichloroethene	4.20	96	54	2.143	ug/l #	1
13) Acrolein	3.86	56	53	20.277	ug/l #	46
14) Allyl chloride	4.74	41	56	1.337	ug/l #	1
15) Acrylonitrile	5.29	53	86	13.341	ug/l #	17
16) Acetone	4.17	43	56	7.350	ug/l #	42
18) Methyl Acetate	4.67	43	132	8.857	ug/l #	49
19) Methyl tert-butyl Ether	5.51	73	72	1.104	ug/l #	53
20) Methylene Chloride	4.96	84	61	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.45	96	55	1.754	ug/l #	1
23) Vinyl Acetate	6.34	43	241	4.736	ug/l #	71
24) 1,1-Dichloroethane	6.27	63	58	1.101	ug/l #	82
25) 2-Butanone	7.25	43	60	6.645	ug/l #	51
26) 2,2-Dichloropropane	7.16	77	60	1.259	ug/l #	53
27) cis-1,2-Dichloroethene	7.19	96	90	2.535	ug/l #	18
28) Bromochloromethane	7.49	49	76	5.517	ug/l #	10
29) Tetrahydrofuran	7.55	42	150	28.460	ug/l #	31
30) Chloroform	7.59	83	71	1.241	ug/l #	20
31) Cyclohexane	7.99	56	78	Below Cal	#	12
36) 1,1-Dichloropropene	8.07	75	54	1.094	ug/l #	41
37) Ethyl Acetate	7.27	43	77	Below Cal	#	68
38) Carbon Tetrachloride	7.99	117	60	1.203	ug/l #	15
41) Methacrylonitrile	7.54	41	62	5.419	ug/l #	26
42) 1,2-Dichloroethane	8.44	62	79	1.931	ug/l #	73
43) Isopropyl Acetate	8.51	43	201	4.857	ug/l #	49
45) 1,2-Dichloropropane	9.50	63	70	2.022	ug/l #	41
46) Dibromomethane	9.50	93	96	4.870	ug/l #	3
47) Bromodichloromethane	9.81	83	56	1.103	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	9.46	41	292	14.727	ug/l #	48
51) 4-Methyl-2-Pentanone	10.34	43	195	9.086	ug/l	99
53) t-1,3-Dichloropropene	10.72	75	205	4.139	ug/l #	46
54) cis-1,3-Dichloropropene	10.10	75	60	1.052	ug/l #	33
55) 1,1,2-Trichloroethane	10.81	97	192	6.898	ug/l #	14
56) Ethyl methacrylate	10.57	69	89	2.525	ug/l #	1
57) 1,3-Dichloropropane	10.96	76	67	1.407	ug/l #	41
58) 2-Chloroethyl Vinyl ether	9.76	63	63	4.158	ug/l #	44
59) 2-Hexanone	10.86	43	148	9.533	ug/l	64
60) Dibromochloromethane	11.01	129	60	1.656	ug/l #	9
74) N-amyl acetate	12.31	43	261	7.906	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.71	83	72	2.698	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	59	3.862	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	61	7.066	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.47	75	139	32.676	ug/l #	1

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

