

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063941.D
 Acq On : 11 Oct 2019 17:08
 Operator : VA/SY
 Sample : K5325-07
 Misc : 3.77G/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-F

Quant Time: Oct 12 01:38:11 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	6948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	11402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	10850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5503	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	5655	83.60	ug/l	0.00
Spiked Amount			Recovery	=	167.20%	
35) Dibromofluoromethane	7.91	113	4165	59.77	ug/l	0.00
Spiked Amount			Recovery	=	119.54%	
50) Toluene-d8	10.34	98	13803	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.63	95	4580	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	283	Below Cal	#	1
8) Diethyl Ether	3.73	74	73	2.160	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.00	101	70	1.201	ug/l #	16
11) Tert butyl alcohol	5.51	59	71	7.323	ug/l #	71
12) 1,1-Dichloroethene	3.86	96	62	1.065	ug/l #	1
13) Acrolein	3.90	56	115	19.035	ug/l #	17
15) Acrylonitrile	5.41	53	54	3.624	ug/l #	17
16) Acetone	4.14	43	190	10.788	ug/l #	1
18) Methyl Acetate	4.71	43	84	2.439	ug/l #	49
20) Methylene Chloride	4.81	84	85	Below Cal	#	7
25) 2-Butanone	7.23	43	153	7.331	ug/l #	51
28) Bromochloromethane	7.49	49	64	3.195	ug/l #	10
29) Tetrahydrofuran	7.59	42	241	19.783	ug/l #	31
31) Cyclohexane	7.99	56	268	Below Cal	#	12
36) 1,1-Dichloropropene	7.99	75	651	6.245	ug/l #	41
37) Ethyl Acetate	7.35	43	63	Below Cal	#	68
38) Carbon Tetrachloride	7.99	117	628	5.961	ug/l #	15
41) Methacrylonitrile	7.52	41	86	3.558	ug/l #	14
43) Isopropyl Acetate	8.47	43	135	1.544	ug/l #	39
44) Trichloroethene	9.38	130	96	1.114	ug/l	6
46) Dibromomethane	9.29	93	58	1.393	ug/l #	3
48) Methyl methacrylate	9.47	41	143	3.414	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	202	4.455	ug/l #	81
55) 1,1,2-Trichloroethane	10.81	97	205	3.486	ug/l #	14
57) 1,3-Dichloropropane	10.68	76	131	1.302	ug/l #	55
58) 2-Chloroethyl Vinyl ether	9.91	63	85	2.656	ug/l #	44
59) 2-Hexanone	10.98	43	218	6.646	ug/l #	24
74) N-amyl acetate	12.28	43	447	5.612	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.73	83	201	3.122	ug/l #	40
76) 1,2,3-Trichloropropane	12.63	75	3089	83.809	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	3089	148.308	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.51	75	84	6.248	ug/l #	33

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

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