

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063721.D
 Acq On : 21 Aug 2019 19:00
 Operator : JC/SY
 Sample : K4388-11RE
 Misc : 11.29g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)RE

Quant Time: Aug 22 01:28:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	12344	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	17540	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	16022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6538	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	13761	104.29	ug/l	-0.03
Spiked Amount			Recovery	=	208.58%	
35) Dibromofluoromethane	6.92	113	7578	51.30	ug/l	-0.02
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.40	98	19211	59.15	ug/l	-0.02
Spiked Amount			Recovery	=	118.30%	
62) 4-Bromofluorobenzene	13.55	95	7497	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.73	50	325	2.785	ug/l #	41
4) Vinyl Chloride	1.89	62	257	2.219	ug/l #	42
5) Bromomethane	2.18	94	2992	54.743	ug/l #	11
6) Chloroethane	2.29	64	226	4.267	ug/l #	42
10) Methyl Iodide	3.33	142	191	1.006	ug/l #	29
12) 1,1-Dichloroethene	3.23	96	236	2.366	ug/l #	1
14) Allyl chloride	3.58	41	380	2.534	ug/l #	8
16) Acetone	3.24	43	553	20.617	ug/l #	65
18) Methyl Acetate	3.65	43	377	7.420	ug/l #	57
20) Methylene Chloride	3.79	84	1885	16.252	ug/l #	24
26) 2,2-Dichloropropane	6.05	77	261	1.365	ug/l #	59
29) Tetrahydrofuran	6.52	42	257	20.820	ug/l #	35
36) 1,1-Dichloropropene	7.06	75	185	1.193	ug/l #	42
38) Carbon Tetrachloride	7.05	117	1035	4.429	ug/l #	13
41) Methacrylonitrile	6.39	41	233	2.848	ug/l #	37
43) Isopropyl Acetate	9.28	43	264	3.034	ug/l #	48
49) 1,4-Dioxane	8.97	88	201	396.708	ug/l #	34
51) 4-Methyl-2-Pentanone	10.31	43	181	3.040	ug/l #	40
59) 2-Hexanone	11.49	43	358	8.263	ug/l #	30
64) Tetrachloroethene	11.28	164	180	1.455	ug/l #	1
74) N-amyl acetate	13.20	43	189	1.810	ug/l #	53
78) n-propylbenzene	13.77	91	506	1.040	ug/l #	53
79) 2-Chlorotoluene	13.77	91	506	1.804	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	4219	209.200	ug/l #	1
82) 4-Chlorotoluene	13.95	91	540	1.601	ug/l #	44
87) 1,3-Dichlorobenzene	14.46	146	209	1.017	ug/l #	23
88) 1,4-Dichlorobenzene	14.54	146	256	1.298	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.94	180	310	2.415	ug/l #	10
95) Naphthalene	16.12	128	746	3.835	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.22	180	279	2.691	ug/l #	12

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

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