

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063657.D
 Acq On : 19 Aug 2019 15:02
 Operator : JC/SY
 Sample : K4389-06
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-F(0)

Quant Time: Aug 20 08:14:48 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	5129	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	8252	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	6750	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	2851	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	4430	80.80	ug/l	-0.02
Spiked Amount			Recovery	=	161.60%	
35) Dibromofluoromethane	6.92	113	822	11.83	ug/l	-0.01
Spiked Amount			Recovery	=	23.66%	
50) Toluene-d8	10.40	98	7724	50.55	ug/l	-0.02
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	13.55	95	2473	35.71	ug/l	-0.01
Spiked Amount			Recovery	=	71.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.73	50	476	9.818	ug/l #	41
4) Vinyl Chloride	1.96	62	184	3.823	ug/l #	42
5) Bromomethane	2.14	94	269	11.845	ug/l #	11
9) 1,1,2-Trichlorotrifluoroet	3.14	101	204	3.660	ug/l #	20
14) Allyl chloride	3.55	41	185	2.969	ug/l #	8
16) Acetone	3.25	43	187	16.779	ug/l #	65
22) Diisopropyl ether	5.06	45	186	1.447	ug/l #	33
23) Vinyl Acetate	5.02	43	194	2.596	ug/l #	82
29) Tetrahydrofuran	6.62	42	181	35.289	ug/l #	35
38) Carbon Tetrachloride	7.03	117	452	4.111	ug/l #	13
40) Benzene	7.48	78	401	2.498	ug/l #	50
48) Methyl methacrylate	9.14	41	181	6.519	ug/l #	18
51) 4-Methyl-2-Pentanone	10.25	43	314	11.209	ug/l #	40
54) cis-1,3-Dichloropropene	10.02	75	181	2.402	ug/l #	26
55) 1,1,2-Trichloroethane	11.19	97	184	5.268	ug/l #	17
59) 2-Hexanone	11.51	43	333	16.336	ug/l #	30
65) Chlorobenzene	12.40	112	232	1.834	ug/l #	43
70) Styrene	13.08	104	268	2.026	ug/l #	29
74) N-amyl acetate	13.44	43	327	7.183	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.56	75	1133	128.834	ug/l #	1
82) 4-Chlorotoluene	14.01	91	203	1.380	ug/l #	44
84) 1,2,4-Trimethylbenzene	14.24	105	253	1.726	ug/l #	31
85) sec-Butylbenzene	14.24	105	253	1.428	ug/l #	62
87) 1,3-Dichlorobenzene	14.53	146	177	1.974	ug/l #	1
88) 1,4-Dichlorobenzene	14.53	146	177	2.058	ug/l #	1
95) Naphthalene	16.11	128	197	2.323	ug/l #	71

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

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