

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063746.D
 Acq On : 22 Aug 2019 21:06
 Operator : JC/SY
 Sample : K4388-19RE
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E3-(0)RE

Quant Time: Aug 23 07:01:38 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	7.05	168	9687	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	18079	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	19404	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	9809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	22004	212.50	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	425.00%	
35) Dibromofluoromethane	6.91	113	16050	105.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	210.82%	
50) Toluene-d8	10.40	98	28233	84.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	168.68%	
62) 4-Bromofluorobenzene	13.56	95	11847	78.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.50	85	189	1.613	ug/l #	45
3) Chloromethane	1.72	50	226	2.468	ug/l #	41
5) Bromomethane	2.14	94	461	10.748	ug/l #	41
6) Chloroethane	2.23	64	188	4.523	ug/l #	60
7) Trichlorofluoromethane	2.39	101	278	1.559	ug/l #	17
8) Diethyl Ether	2.78	74	197	7.826	ug/l	72
10) Methyl Iodide	3.30	142	321	2.155	ug/l #	29
12) 1,1-Dichloroethene	3.07	96	180	2.300	ug/l #	1
13) Acrolein	3.00	56	357	80.462	ug/l	97
14) Allyl chloride	3.65	41	204	1.734	ug/l #	8
16) Acetone	3.19	43	1585	75.301	ug/l #	65
18) Methyl Acetate	3.61	43	188	4.715	ug/l #	57
20) Methylene Chloride	3.80	84	1389	15.261	ug/l #	51
25) 2-Butanone	6.08	43	233	11.208	ug/l #	58
29) Tetrahydrofuran	6.73	42	202	20.853	ug/l #	35
36) 1,1-Dichloropropene	7.21	75	241	1.508	ug/l #	42
37) Ethyl Acetate	6.26	43	190	2.837	ug/l #	73
38) Carbon Tetrachloride	7.07	117	458	1.901	ug/l #	13
41) Methacrylonitrile	6.47	41	649	7.697	ug/l #	37
43) Isopropyl Acetate	9.02	43	270	3.010	ug/l #	48
51) 4-Methyl-2-Pentanone	10.32	43	187	3.047	ug/l #	40
53) t-1,3-Dichloropropene	10.89	75	197	1.345	ug/l #	44
59) 2-Hexanone	11.48	43	183	4.098	ug/l #	30
74) N-ethyl acetate	13.29	43	198	1.264	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.81	83	201	1.941	ug/l #	26
81) trans-1,4-Dichloro-2-buten	13.55	75	5293	174.934	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.23	105	2328	4.615	ug/l	78
85) sec-Butylbenzene	14.23	105	2328	3.819	ug/l #	62
90) Hexachloroethane	15.02	117	196	1.338	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.94	180	203	1.054	ug/l #	10
95) Naphthalene	16.12	128	1659	5.685	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.26	180	210	1.350	ug/l #	12

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

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