

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063515.D
 Acq On : 13 Aug 2019 5:34
 Operator : JC/SY
 Sample : K4223-28RE
 Misc : 4.78g/5ml/MSVOA D/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-14RE

Quant Time: Aug 13 09:14:09 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	22069	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	42110	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	20012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	15576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	27600	117.00	ug/l	0.00
Spiked Amount			Recovery	=	234.00%	
35) Dibromofluoromethane	6.93	113	11224	31.65	ug/l	0.00
Spiked Amount			Recovery	=	63.30%	
50) Toluene-d8	10.41	98	15540	19.93	ug/l	0.00
Spiked Amount			Recovery	=	39.86%	
62) 4-Bromofluorobenzene	13.55	95	15696	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	432	2.071	ug/l #	41
5) Bromomethane	2.14	94	2485	25.431	ug/l #	38
6) Chloroethane	2.29	64	205	2.165	ug/l #	42
8) Diethyl Ether	2.75	74	189	3.295	ug/l	72
12) 1,1-Dichloroethene	3.06	96	185	1.037	ug/l #	1
13) Acrolein	3.12	56	230	22.754	ug/l #	55
14) Allyl chloride	3.47	41	884	3.298	ug/l #	56
15) Acrylonitrile	4.06	53	180	6.617	ug/l #	11
16) Acetone	3.22	43	17828	371.773	ug/l	94
18) Methyl Acetate	3.65	43	2984	32.852	ug/l #	57
20) Methylene Chloride	3.82	84	2160	10.417	ug/l	86
25) 2-Butanone	6.06	43	5668	119.677	ug/l #	58
29) Tetrahydrofuran	6.46	42	1483	67.198	ug/l #	81
31) Cyclohexane	7.04	56	218	1.023	ug/l #	16
36) 1,1-Dichloropropene	7.05	75	1735	4.661	ug/l #	42
37) Ethyl Acetate	6.17	43	390	2.500	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2428	4.328	ug/l #	13
41) Methacrylonitrile	6.48	41	1234	6.283	ug/l #	37
46) Dibromomethane	9.20	93	197	1.209	ug/l #	3
48) Methyl methacrylate	9.16	41	185	1.306	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	234	1.637	ug/l #	40
59) 2-Hexanone	11.53	43	388	3.730	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.55	75	6275	130.603	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	907	1.132	ug/l #	31
86) p-Isopropyltoluene	14.49	119	3674	3.969	ug/l	92
93) 1,2,4-Trichlorobenzene	15.94	180	328	1.073	ug/l #	84
95) Naphthalene	16.12	128	2811	6.066	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.27	180	489	1.980	ug/l #	12

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

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