

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063738.D
 Acq On : 22 Aug 2019 17:23
 Operator : JC/SY
 Sample : K4404-01
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-K1-(2.5)

Quant Time: Aug 23 06:59:49 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	31366	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	52720	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	52764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	28856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	41594	124.06	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	248.12%	
35) Dibromofluoromethane	6.92	113	30487	68.66	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	137.32%	
50) Toluene-d8	10.41	98	59689	61.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.30%	
62) 4-Bromofluorobenzene	13.55	95	28626	64.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	129.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.80	50	470	1.585	ug/l #	41
5) Bromomethane	2.13	94	2142	15.424	ug/l #	3
6) Chloroethane	2.31	64	250	1.857	ug/l #	1
8) Diethyl Ether	2.87	74	576	7.067	ug/l #	32
11) Tert butyl alcohol	4.08	59	185	12.675	ug/l #	71
13) Acrolein	3.02	56	254	17.680	ug/l #	49
16) Acetone	3.22	43	27056	396.975	ug/l #	91
18) Methyl Acetate	3.65	43	272	2.107	ug/l #	57
20) Methylene Chloride	3.83	84	5510	18.696	ug/l #	57
25) 2-Butanone	6.09	43	417	6.195	ug/l #	58
29) Tetrahydrofuran	6.46	42	557	17.758	ug/l #	46
31) Cyclohexane	7.05	56	569	1.880	ug/l #	74
37) Ethyl Acetate	6.13	43	226	1.157	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2745	3.908	ug/l #	13
41) Methacrylonitrile	6.47	41	249	1.013	ug/l #	37
43) Isopropyl Acetate	9.13	43	400	1.529	ug/l #	48
48) Methyl methacrylate	9.06	41	207	1.167	ug/l #	18
51) 4-Methyl-2-Pentanone	10.36	43	247	1.380	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.86	63	464	3.629	ug/l #	49
59) 2-Hexanone	11.49	43	225	1.728	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.56	75	12255	137.681	ug/l #	1
95) Naphthalene	16.13	128	1109	1.292	ug/l #	71

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

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