

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062568.D
 Acq On : 31 May 2019 17:14
 Operator : VA/AP
 Sample : K3097-08
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190428-HR-8

Quant Time: May 31 23:27:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	3984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	6622	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	6513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	2470	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	3019	64.63	ug/l	-0.01
Spiked Amount			Recovery	=	129.26%	
35) Dibromofluoromethane	6.93	113	2106	34.90	ug/l	-0.01
Spiked Amount			Recovery	=	69.80%	
50) Toluene-d8	10.42	98	4159	31.46	ug/l	0.00
Spiked Amount			Recovery	=	62.92%	
62) 4-Bromofluorobenzene	13.56	95	1905	31.95	ug/l	0.00
Spiked Amount			Recovery	=	63.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	682	59.500	ug/l #	12
6) Chloroethane	2.10	64	214	12.929	ug/l #	45
10) Methyl Iodide	3.34	142	441	8.823	ug/l #	27
16) Acetone	3.21	43	767	83.567	ug/l #	60
18) Methyl Acetate	3.56	43	206	13.751	ug/l #	63
41) Methacrylonitrile	6.45	41	183	5.596	ug/l #	34
43) Isopropyl Acetate	9.27	43	182	5.262	ug/l #	50
46) Dibromomethane	9.07	93	194	7.281	ug/l #	2
51) 4-Methyl-2-Pentanone	10.27	43	207	8.578	ug/l #	42
55) 1,1,2-Trichloroethane	11.23	97	411	14.185	ug/l #	16
59) 2-Hexanone	11.49	43	215	12.702	ug/l #	32
67) Ethyl Benzene	12.53	91	591	2.542	ug/l #	47
68) m/p-Xylenes	12.67	106	195	2.425	ug/l #	31
74) N-amyl acetate	13.15	43	252	6.069	ug/l #	51
77) Bromobenzene	13.82	156	232	5.196	ug/l #	1
78) n-propylbenzene	13.79	91	495	2.637	ug/l #	57
79) 2-Chlorotoluene	13.90	91	254	2.334	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.90	105	248	1.782	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	958	112.825	ug/l #	5
82) 4-Chlorotoluene	13.90	91	254	1.949	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.25	105	1272	8.971	ug/l	95
85) sec-Butylbenzene	14.25	105	1272	7.734	ug/l #	60

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

