

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062572.D
 Acq On : 31 May 2019 19:03
 Operator : VA/AP
 Sample : K3097-12RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190432-HR-12RE

Quant Time: May 31 23:28:36 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	5908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	9776	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	9254	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	4981	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	6168	89.04	ug/l	-0.01
Spiked Amount			Recovery	=	178.08%	
35) Dibromofluoromethane	6.93	113	3966	44.52	ug/l	-0.01
Spiked Amount			Recovery	=	89.04%	
50) Toluene-d8	10.42	98	6998	35.85	ug/l	0.00
Spiked Amount			Recovery	=	71.70%	
62) 4-Bromofluorobenzene	13.56	95	4190	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.72	50	188	Below Cal	#	43
4) Vinyl Chloride	1.97	62	205	3.917	ug/l #	42
5) Bromomethane	2.12	94	1936	113.898	ug/l #	12
6) Chloroethane	2.23	64	181	7.374	ug/l #	45
10) Methyl Iodide	3.33	142	1289	17.391	ug/l #	27
14) Allyl chloride	3.52	41	195	2.702	ug/l #	7
16) Acetone	3.22	43	589	43.275	ug/l #	60
17) Carbon Disulfide	3.23	76	217	1.445	ug/l #	74
18) Methyl Acetate	3.52	43	226	10.173	ug/l #	63
23) Vinyl Acetate	4.99	43	183	2.046	ug/l #	80
37) Ethyl Acetate	6.35	43	219	5.338	ug/l #	72
38) Carbon Tetrachloride	7.06	117	200	1.380	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	180	5.053	ug/l #	42
55) 1,1,2-Trichloroethane	11.24	97	862	20.153	ug/l #	16
67) Ethyl Benzene	12.68	91	3004	9.095	ug/l #	98
68) m/p-Xylenes	12.70	106	996	8.717	ug/l #	16
74) N-amyl acetate	13.22	43	190	2.269	ug/l #	51
78) n-propylbenzene	13.78	91	642	1.696	ug/l #	57
79) 2-Chlorotoluene	13.78	91	642	2.925	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.89	105	324	1.155	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	2839	165.800	ug/l #	5
82) 4-Chlorotoluene	13.95	91	339	1.290	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.24	105	2002	7.002	ug/l #	99
85) sec-Butylbenzene	14.24	105	2002	6.036	ug/l #	60
95) Naphthalene	16.14	128	587	4.106	ug/l #	71

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

