

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063039.D
 Acq On : 8 Jul 2019 16:31
 Operator : VA/AP
 Sample : K3687-01
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12017-VNJ-206

Quant Time: Jul 09 05:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	17619	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	22791	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	18836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	10533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	10588	55.29	ug/l	-0.02
Spiked Amount			Recovery	=	110.58%	
35) Dibromofluoromethane	6.91	113	7747	40.31	ug/l	-0.02
Spiked Amount			Recovery	=	80.62%	
50) Toluene-d8	10.41	98	20194	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	13.55	95	8794	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	424	2.473	ug/l #	45
4) Vinyl Chloride	1.96	62	467	2.747	ug/l #	43
5) Bromomethane	2.14	94	3000	37.680	ug/l #	13
6) Chloroethane	2.20	64	261	3.391	ug/l #	1
8) Diethyl Ether	2.87	74	207	4.735	ug/l #	1
10) Methyl Iodide	3.33	142	1584	6.441	ug/l #	87
13) Acrolein	3.04	56	184	20.663	ug/l #	15
16) Acetone	3.21	43	2292	53.517	ug/l #	64
18) Methyl Acetate	3.52	43	181	3.131	ug/l #	58
21) trans-1,2-Dichloroethene	4.26	96	188	1.263	ug/l #	1
23) Vinyl Acetate	4.91	43	487	1.852	ug/l #	82
25) 2-Butanone	5.95	43	225	6.282	ug/l #	64
28) Bromochloromethane	6.49	49	207	2.148	ug/l #	4
29) Tetrahydrofuran	6.36	42	267	15.755	ug/l #	33
31) Cyclohexane	7.02	56	209	1.162	ug/l #	13
36) 1,1-Dichloropropene	7.08	75	426	1.975	ug/l #	46
38) Carbon Tetrachloride	7.03	117	1489	4.589	ug/l #	13
43) Isopropyl Acetate	9.23	43	178	1.574	ug/l #	48
48) Methyl methacrylate	8.99	41	203	2.526	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	402	5.013	ug/l #	41
68) m/p-Xylenes	12.65	106	246	1.125	ug/l #	1
70) Styrene	13.07	104	540	1.538	ug/l #	25
74) N-aryl acetate	13.24	43	193	1.177	ug/l #	51
81) trans-1,4-Dichloro-2-buten	13.55	75	5446	170.890	ug/l #	2
82) 4-Chlorotoluene	13.94	91	659	1.219	ug/l #	26
84) 1,2,4-Trimethylbenzene	14.24	105	830	1.428	ug/l #	33
87) 1,3-Dichlorobenzene	14.53	146	533	1.637	ug/l #	26
88) 1,4-Dichlorobenzene	14.53	146	533	1.630	ug/l #	24
89) n-Butylbenzene	14.79	91	982	1.669	ug/l #	31
94) Hexachlorobutadiene	16.04	225	289	1.738	ug/l #	20
95) Naphthalene	16.12	128	1132	3.711	ug/l #	70

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

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