

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063042.D
 Acq On : 8 Jul 2019 17:53
 Operator : VA/AP
 Sample : K3694-01
 Misc : 4.45g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GC-SOIL-PILE

Quant Time: Jul 09 05:12:00 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	7.04	168	10121	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	16965	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	16404	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	7636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	8474	77.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.06%	
35) Dibromofluoromethane	6.91	113	6989	48.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.41	98	11308	36.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.64%	
62) 4-Bromofluorobenzene	13.56	95	5412	38.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.46%	

Target Compounds

						Qvalue
3) Chloromethane	1.74	50	1626	16.508	ug/l #	68
4) Vinyl Chloride	1.94	62	213	2.181	ug/l #	43
5) Bromomethane	2.18	94	3384	73.991	ug/l #	90
6) Chloroethane	2.23	64	419	9.477	ug/l #	46
8) Diethyl Ether	2.88	74	274	10.911	ug/l	93
10) Methyl Iodide	3.30	142	3185	22.547	ug/l #	75
11) Tert butyl alcohol	4.04	59	254	50.693	ug/l #	77
12) 1,1-Dichloroethene	3.23	96	344	4.283	ug/l #	1
13) Acrolein	2.98	56	433	84.650	ug/l #	15
14) Allyl chloride	3.63	41	237	1.997	ug/l #	6
15) Acrylonitrile	4.07	53	191	16.223	ug/l #	11
16) Acetone	3.22	43	12852	585.456	ug/l	99
18) Methyl Acetate	3.63	43	1567	47.184	ug/l #	58
21) trans-1,2-Dichloroethene	4.29	96	547	6.396	ug/l #	1
23) Vinyl Acetate	4.97	43	516	3.416	ug/l #	82
25) 2-Butanone	6.05	43	226	10.984	ug/l #	64
26) 2,2-Dichloropropane	5.98	77	194	1.165	ug/l #	58
36) 1,1-Dichloropropene	7.03	75	224	1.395	ug/l #	46
37) Ethyl Acetate	6.16	43	187	1.708	ug/l #	69
43) Isopropyl Acetate	9.66	43	272	3.231	ug/l #	48
49) 1,4-Dioxane	9.55	88	185	371.648	ug/l #	29
53) t-1,3-Dichloropropene	10.83	75	190	1.298	ug/l #	46
55) 1,1,2-Trichloroethane	11.10	97	292	3.922	ug/l #	14
59) 2-Hexanone	11.55	43	786	18.488	ug/l #	31
74) N-amyl acetate	13.27	43	183	1.539	ug/l #	51
81) trans-1,4-Dichloro-2-buten	13.56	75	4121	178.373	ug/l #	2
88) 1,4-Dichlorobenzene	14.54	146	409	1.725	ug/l #	24
95) Naphthalene	16.13	128	287	1.298	ug/l #	70

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

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