

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062983.D
 Acq On : 1 Jul 2019 12:03
 Operator : VA/AP
 Sample : VD0701SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBSD01

Quant Time: Jul 02 07:33:24 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	869974	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1148750	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1019010	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	553595	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	471754	49.89	ug/l	-0.02
Spiked Amount			Recovery	=		99.78%
35) Dibromofluoromethane	6.91	113	476946	49.24	ug/l	-0.02
Spiked Amount			Recovery	=		98.48%
50) Toluene-d8	10.40	98	1062672	50.41	ug/l	-0.01
Spiked Amount			Recovery	=		100.82%
62) 4-Bromofluorobenzene	13.55	95	446233	46.55	ug/l	0.00
Spiked Amount			Recovery	=		93.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	229661	20.400	ug/l	90
3) Chloromethane	1.74	50	169228	19.988	ug/l	96
4) Vinyl Chloride	1.84	62	156765	18.675	ug/l	90
5) Bromomethane	2.13	94	62958	16.015	ug/l	91
6) Chloroethane	2.24	64	75966	19.988	ug/l #	80
7) Trichlorofluoromethane	2.51	101	361326	21.268	ug/l	95
8) Diethyl Ether	2.86	74	49687	23.018	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.13	101	185711	20.178	ug/l	86
10) Methyl Iodide	3.28	142	214805	17.690	ug/l	98
11) Tert butyl alcohol	4.08	59	49246	114.341	ug/l #	93
12) 1,1-Dichloroethene	3.11	96	144347	20.907	ug/l	95
13) Acrolein	3.02	56	30307	68.929	ug/l	94
14) Allyl chloride	3.60	41	208012	20.389	ug/l	91
15) Acrylonitrile	4.18	53	102521	101.304	ug/l #	90
16) Acetone	3.22	43	184426	91.742	ug/l	94
17) Carbon Disulfide	3.35	76	413761	18.751	ug/l	98
18) Methyl Acetate	3.63	43	81182	28.438	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	320612	21.450	ug/l	100
20) Methylene Chloride	3.80	84	155601	21.576	ug/l	90
21) trans-1,2-Dichloroethene	4.19	96	153171	20.835	ug/l #	93
22) Diisopropyl ether	5.11	45	436732	21.050	ug/l	98
23) Vinyl Acetate	5.04	43	1284962	98.976	ug/l	97
24) 1,1-Dichloroethane	4.96	63	281904	20.869	ug/l	98
25) 2-Butanone	6.06	43	184777	104.473	ug/l	100
26) 2,2-Dichloropropane	6.01	77	297707	20.793	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	154424	19.863	ug/l	85
28) Bromochloromethane	6.41	49	97894	20.576	ug/l	81
29) Tetrahydrofuran	6.44	42	85869	102.614	ug/l	97
30) Chloroform	6.65	83	355528	21.642	ug/l	94
31) Cyclohexane	6.94	56	171560	19.319	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	355725	20.789	ug/l	93
36) 1,1-Dichloropropene	7.13	75	222494	20.460	ug/l	93
37) Ethyl Acetate	6.17	43	95820	20.322	ug/l	96
38) Carbon Tetrachloride	7.09	117	328561	20.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	200703	20.967	ug/l	95
40) Benzene	7.44	78	467374	21.411	ug/l	97
41) Methacrylonitrile	6.43	41	115106	20.071	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	246172	20.673	ug/l	100
43) Isopropyl Acetate	9.23	43	125706	22.049	ug/l #	96
44) Trichloroethene	8.53	130	170794	19.958	ug/l	91
45) 1,2-Dichloropropane	8.93	63	109187	20.116	ug/l	95
46) Dibromomethane	9.06	93	98053	21.030	ug/l #	86
47) Bromodichloromethane	9.37	83	260871	21.543	ug/l	98
48) Methyl methacrylate	9.11	41	79595	19.646	ug/l	97
49) 1,4-Dioxane	9.08	88	14693	435.912	ug/l #	85
51) 4-Methyl-2-Pentanone	10.29	43	423221	104.704	ug/l	100
52) Toluene	10.50	92	279096	19.021	ug/l	85
53) t-1,3-Dichloropropene	10.91	75	218330	22.029	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	234979	21.813	ug/l	92
55) 1,1,2-Trichloroethane	11.19	97	98286	19.497	ug/l	88
56) Ethyl methacrylate	11.03	69	113517	21.071	ug/l	98
57) 1,3-Dichloropropane	11.41	76	165192	21.401	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	291716	105.472	ug/l	99
59) 2-Hexanone	11.53	43	297351	103.292	ug/l	99
60) Dibromochloromethane	11.68	129	203168	21.637	ug/l	95
61) 1,2-Dibromoethane	11.80	107	129513	21.753	ug/l	86
64) Tetrachloroethene	11.25	164	164005	19.555	ug/l	98
65) Chlorobenzene	12.40	112	357845	18.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	181120	20.479	ug/l	95
67) Ethyl Benzene	12.52	91	672341	19.802	ug/l	98
68) m/p-Xylenes	12.67	106	469693	39.718	ug/l	100
69) o-Xylene	13.05	106	223104	20.638	ug/l	94
70) Styrene	13.07	104	370571	19.516	ug/l	94
71) Bromoform	13.24	173	123748	20.422	ug/l	88
73) Isopropylbenzene	13.40	105	683131	19.246	ug/l	99
74) N-amyl acetate	13.27	43	184905	21.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	117283	20.279	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	122906	19.232	ug/l	96
77) Bromobenzene	13.67	156	183713	19.243	ug/l	94
78) n-propylbenzene	13.78	91	826579	20.007	ug/l	98
79) 2-Chlorotoluene	13.84	91	466867	19.774	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	580164	19.459	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	30529	18.227	ug/l	88
82) 4-Chlorotoluene	13.95	91	566393	19.927	ug/l	99
83) tert-Butylbenzene	14.19	119	694680	20.903	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	604859	19.793	ug/l	99
85) sec-Butylbenzene	14.37	105	692976	19.185	ug/l	99
86) p-Isopropyltoluene	14.49	119	676236	20.465	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	326313	19.067	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	349840	20.352	ug/l	96
89) n-Butylbenzene	14.80	91	645099	20.858	ug/l	96
90) Hexachloroethane	15.01	117	177197	19.944	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	320157	21.865	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	21634	19.165	ug/l #	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	217864	19.047	ug/l	97
94) Hexachlorobutadiene	16.04	225	176959	20.251	ug/l	95
95) Naphthalene	16.12	128	319295	19.916	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	183778	20.911	ug/l	98

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

