

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062985.D
 Acq On : 1 Jul 2019 12:58
 Operator : VA/AP
 Sample : VD0701SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBS02

Quant Time: Jul 02 07:33:50 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	876023	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	1178560	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	988138	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	543612	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	458852	48.19	ug/l	-0.02
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	6.91	113	491701	49.48	ug/l	-0.02
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	10.40	98	1059360	48.98	ug/l	-0.02
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	13.55	95	481035	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	252007	22.231	ug/l	96
3) Chloromethane	1.75	50	172486	20.232	ug/l #	81
4) Vinyl Chloride	1.84	62	177725	21.025	ug/l	99
5) Bromomethane	2.14	94	63844	16.128	ug/l	99
6) Chloroethane	2.25	64	79060	20.659	ug/l #	88
7) Trichlorofluoromethane	2.51	101	371850	21.737	ug/l	99
8) Diethyl Ether	2.87	74	46322	21.311	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.13	101	181957	19.633	ug/l	93
10) Methyl Iodide	3.29	142	228183	18.662	ug/l	96
11) Tert butyl alcohol	4.09	59	47499	109.524	ug/l #	91
12) 1,1-Dichloroethene	3.11	96	142725	20.529	ug/l	92
13) Acrolein	3.02	56	33018	74.576	ug/l	97
14) Allyl chloride	3.61	41	204851	19.941	ug/l	94
15) Acrylonitrile	4.20	53	106485	104.495	ug/l	95
16) Acetone	3.22	43	192938	95.594	ug/l	95
17) Carbon Disulfide	3.36	76	438966	19.756	ug/l	96
18) Methyl Acetate	3.64	43	80933	28.155	ug/l #	91
19) Methyl tert-butyl Ether	4.23	73	323169	21.472	ug/l	94
20) Methylene Chloride	3.80	84	149313	20.561	ug/l #	81
21) trans-1,2-Dichloroethene	4.21	96	156814	21.183	ug/l	92
22) Diisopropyl ether	5.11	45	444946	21.298	ug/l	97
23) Vinyl Acetate	5.04	43	1357039	103.807	ug/l	98
24) 1,1-Dichloroethane	4.96	63	280957	20.655	ug/l	98
25) 2-Butanone	6.07	43	187048	105.027	ug/l #	89
26) 2,2-Dichloropropane	6.01	77	317961	22.054	ug/l	94
27) cis-1,2-Dichloroethene	6.03	96	165818	21.182	ug/l	99
28) Bromochloromethane	6.42	49	107824	22.507	ug/l	98
29) Tetrahydrofuran	6.45	42	90446	107.337	ug/l	98
30) Chloroform	6.65	83	361765	21.869	ug/l	96
31) Cyclohexane	6.94	56	183642	20.537	ug/l	94
32) 1,1,1-Trichloroethane	6.86	97	352590	20.464	ug/l	96
36) 1,1-Dichloropropene	7.13	75	234604	21.028	ug/l	97
37) Ethyl Acetate	6.18	43	93777	19.334	ug/l #	93
38) Carbon Tetrachloride	7.10	117	338544	20.176	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	205640	20.940	ug/l	95
40) Benzene	7.45	78	461931	20.627	ug/l	97
41) Methacrylonitrile	6.44	41	128511	21.842	ug/l	93
42) 1,2-Dichloroethane	7.56	62	241523	19.769	ug/l	99
43) Isopropyl Acetate	9.23	43	125947	21.533	ug/l #	91
44) Trichloroethene	8.53	130	185219	21.096	ug/l	93
45) 1,2-Dichloropropane	8.93	63	116176	20.862	ug/l	99
46) Dibromomethane	9.05	93	99688	20.840	ug/l	92
47) Bromodichloromethane	9.36	83	264511	21.291	ug/l	99
48) Methyl methacrylate	9.12	41	82680	19.892	ug/l	93
49) 1,4-Dioxane	9.08	88	14485	418.871	ug/l	92
51) 4-Methyl-2-Pentanone	10.29	43	427289	103.036	ug/l	99
52) Toluene	10.51	92	303402	20.154	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	219955	21.631	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	228636	20.687	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	102669	19.851	ug/l	98
56) Ethyl methacrylate	11.04	69	102268	18.503	ug/l	95
57) 1,3-Dichloropropane	11.40	76	168010	21.216	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	294131	103.655	ug/l	95
59) 2-Hexanone	11.52	43	320894	108.651	ug/l	93
60) Dibromochloromethane	11.68	129	203663	21.141	ug/l	95
61) 1,2-Dibromoethane	11.80	107	133060	21.783	ug/l	97
64) Tetrachloroethene	11.24	164	175620	21.595	ug/l	94
65) Chlorobenzene	12.40	112	410145	22.365	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	182962	21.334	ug/l	97
67) Ethyl Benzene	12.51	91	687108	20.869	ug/l	98
68) m/p-Xylenes	12.66	106	484833	42.279	ug/l	95
69) o-Xylene	13.05	106	230227	21.962	ug/l	96
70) Styrene	13.07	104	420068	22.814	ug/l	94
71) Bromoform	13.23	173	124817	21.242	ug/l	95
73) Isopropylbenzene	13.40	105	689743	19.789	ug/l	99
74) N-amyl acetate	13.26	43	185862	21.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	121803	21.448	ug/l	86
76) 1,2,3-Trichloropropane	13.73	75	142050	22.635	ug/l	95
77) Bromobenzene	13.67	156	199186	21.246	ug/l	94
78) n-propylbenzene	13.77	91	799949	19.718	ug/l	95
79) 2-Chlorotoluene	13.83	91	483035	20.835	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	616017	21.041	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	31332	19.050	ug/l	91
82) 4-Chlorotoluene	13.94	91	570211	20.429	ug/l	97
83) tert-Butylbenzene	14.19	119	701834	21.506	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	621604	20.715	ug/l	93
85) sec-Butylbenzene	14.37	105	766553	21.612	ug/l	100
86) p-Isopropyltoluene	14.48	119	695395	21.431	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	388926	23.143	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	360054	21.331	ug/l	98
89) n-Butylbenzene	14.80	91	636520	20.959	ug/l	96
90) Hexachloroethane	15.01	117	186138	21.335	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	306458	21.314	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25494	23.000	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	226332	20.151	ug/l	99
94) Hexachlorobutadiene	16.03	225	185949	21.671	ug/l	98
95) Naphthalene	16.12	128	322179	20.465	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	174589	20.231	ug/l	94

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

