

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062875.D
 Acq On : 25 Jun 2019 13:25
 Operator : VA/AP
 Sample : VD0625SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Quant Time: Jun 26 05:33:57 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	7.05	168	973998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1384905	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1079379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	603095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	509164	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	6.93	113	542725	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	10.42	98	1198985	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	13.56	95	542447	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	257301	20.414	ug/l	98
3) Chloromethane	1.77	50	186542	19.680	ug/l	93
4) Vinyl Chloride	1.84	62	185988	19.790	ug/l	99
5) Bromomethane	2.15	94	64463	14.646	ug/l	97
6) Chloroethane	2.26	64	81683	19.197	ug/l #	82
7) Trichlorofluoromethane	2.52	101	360081	18.931	ug/l	95
8) Diethyl Ether	2.88	74	43846	18.143	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	195870	19.009	ug/l	97
10) Methyl Iodide	3.30	142	231849	17.055	ug/l	94
11) Tert butyl alcohol	4.11	59	44558	92.407	ug/l #	89
12) 1,1-Dichloroethene	3.12	96	152656	19.749	ug/l	97
13) Acrolein	3.04	56	38660	78.536	ug/l	99
14) Allyl chloride	3.62	41	231552	20.273	ug/l	98
15) Acrylonitrile	4.21	53	112392	99.197	ug/l	89
16) Acetone	3.23	43	202145	89.666	ug/l	100
17) Carbon Disulfide	3.37	76	443161	17.938	ug/l	96
18) Methyl Acetate	3.66	43	80947	25.327	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	353714	21.137	ug/l	93
20) Methylene Chloride	3.81	84	171291	21.214	ug/l	95
21) trans-1,2-Dichloroethene	4.22	96	151017	18.348	ug/l	98
22) Diisopropyl ether	5.13	45	466286	20.074	ug/l #	94
23) Vinyl Acetate	5.06	43	1509804	103.875	ug/l	99
24) 1,1-Dichloroethane	4.99	63	298927	19.766	ug/l	98
25) 2-Butanone	6.09	43	213822	107.984	ug/l	97
26) 2,2-Dichloropropane	6.04	77	323198	20.162	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	169415	19.464	ug/l	92
28) Bromochloromethane	6.44	49	120169	22.561	ug/l	88
29) Tetrahydrofuran	6.47	42	104477	111.516	ug/l	96
30) Chloroform	6.68	83	354789	19.290	ug/l	94
31) Cyclohexane	6.95	56	201545	20.272	ug/l	92
32) 1,1,1-Trichloroethane	6.87	97	376142	19.635	ug/l	98
36) 1,1-Dichloropropene	7.15	75	241505	18.421	ug/l	98
37) Ethyl Acetate	6.20	43	113390	19.927	ug/l #	90
38) Carbon Tetrachloride	7.11	117	344558	17.475	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	218059	18.896	ug/l	95
40) Benzene	7.47	78	502594	19.098	ug/l	98
41) Methacrylonitrile	6.47	41	133447	19.302	ug/l #	86
42) 1,2-Dichloroethane	7.59	62	269733	18.789	ug/l	99
43) Isopropyl Acetate	9.25	43	143380	20.861	ug/l #	89
44) Trichloroethene	8.55	130	186744	18.101	ug/l	95
45) 1,2-Dichloropropane	8.95	63	119372	18.242	ug/l	99
46) Dibromomethane	9.07	93	105306	18.734	ug/l	94
47) Bromodichloromethane	9.38	83	270541	18.532	ug/l	97
48) Methyl methacrylate	9.13	41	96457	19.748	ug/l	90
49) 1,4-Dioxane	9.09	88	16786	413.086	ug/l	89
51) 4-Methyl-2-Pentanone	10.31	43	501402	102.893	ug/l	98
52) Toluene	10.52	92	333676	18.863	ug/l	92
53) t-1,3-Dichloropropene	10.92	75	244884	20.495	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	242924	18.705	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	117091	19.266	ug/l	88
56) Ethyl methacrylate	11.05	69	134641	20.730	ug/l	92
57) 1,3-Dichloropropane	11.41	76	175247	18.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	335539	100.629	ug/l	100
59) 2-Hexanone	11.54	43	366333	105.555	ug/l	99
60) Dibromochloromethane	11.69	129	207797	18.356	ug/l	98
61) 1,2-Dibromoethane	11.81	107	143848	20.041	ug/l	98
64) Tetrachloroethene	11.26	164	186449	20.988	ug/l	96
65) Chlorobenzene	12.41	112	424144	21.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	198289	21.166	ug/l	91
67) Ethyl Benzene	12.53	91	768387	21.365	ug/l	100
68) m/p-Xylenes	12.67	106	526953	42.067	ug/l	99
69) o-Xylene	13.06	106	247919	21.650	ug/l	99
70) Styrene	13.08	104	435568	21.656	ug/l	94
71) Bromoform	13.24	173	136734	21.303	ug/l	93
73) Isopropylbenzene	13.41	105	800194	20.693	ug/l	100
74) N-amyl acetate	13.27	43	205039	21.834	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	131528	20.876	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	149829	21.520	ug/l	97
77) Bromobenzene	13.68	156	205150	19.724	ug/l	97
78) n-propylbenzene	13.78	91	890862	19.794	ug/l	94
79) 2-Chlorotoluene	13.84	91	492850	19.161	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	648959	19.980	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	40643	22.274	ug/l	98
82) 4-Chlorotoluene	13.95	91	621292	20.064	ug/l	99
83) tert-Butylbenzene	14.19	119	751477	20.756	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	626805	18.828	ug/l	95
85) sec-Butylbenzene	14.37	105	761446	19.351	ug/l	94
86) p-Isopropyltoluene	14.49	119	676661	18.797	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	394100	21.138	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	384821	20.550	ug/l	95
89) n-Butylbenzene	14.80	91	676112	20.067	ug/l	98
90) Hexachloroethane	15.01	117	182712	18.877	ug/l	80
91) 1,2-Dichlorobenzene	14.81	146	341903	21.434	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26657	21.677	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	250030	20.065	ug/l	97
94) Hexachlorobutadiene	16.04	225	168269	17.676	ug/l	94
95) Naphthalene	16.13	128	356337	20.403	ug/l	97
96) 1,2,3-Trichlorobenzene	16.28	180	202100	21.109	ug/l	99

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

