

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061140.D
 Acq On : 18 Mar 2019 12:52
 Operator : VA/AP
 Sample : VD0318SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 02:14:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	660642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1190648	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	963821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	428643	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	285703	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	6.92	113	447208	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
50) Toluene-d8	10.41	98	1037311	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
62) 4-Bromofluorobenzene	13.55	95	402512	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	127275	19.449	ug/l	98
3) Chloromethane	1.76	50	108051	19.821	ug/l	99
4) Vinyl Chloride	1.86	62	103325	20.512	ug/l	99
5) Bromomethane	2.16	94	18763	18.288	ug/l	88
6) Chloroethane	2.26	64	26697	17.706	ug/l	92
7) Trichlorofluoromethane	2.53	101	154395	21.336	ug/l	96
8) Diethyl Ether	2.87	74	51152	21.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	172120	21.275	ug/l	95
10) Methyl Iodide	3.31	142	204360	20.200	ug/l	98
11) Tert butyl alcohol	4.07	59	36318	103.741	ug/l #	91
12) 1,1-Dichloroethene	3.13	96	142083	21.425	ug/l	99
13) Acrolein	3.04	56	37380	73.795	ug/l	97
14) Allyl chloride	3.62	41	213296	20.103	ug/l	96
15) Acrylonitrile	4.20	53	134054	108.344	ug/l	96
16) Acetone	3.22	43	168023	106.850	ug/l	96
17) Carbon Disulfide	3.38	76	428295	19.146	ug/l	99
18) Methyl Acetate	3.64	43	60033	19.399	ug/l #	91
19) Methyl tert-butyl Ether	4.23	73	251362	21.628	ug/l	98
20) Methylene Chloride	3.82	84	160030	19.472	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	148103	20.634	ug/l	95
22) Diisopropyl ether	5.12	45	457114	20.753	ug/l	98
23) Vinyl Acetate	5.05	43	1307670	115.652	ug/l	98
24) 1,1-Dichloroethane	4.98	63	272400	22.572	ug/l	98
25) 2-Butanone	6.06	43	202243	113.342	ug/l	99
26) 2,2-Dichloropropane	6.01	77	206192	21.886	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	165762	21.766	ug/l	98
28) Bromochloromethane	6.44	49	98048	19.191	ug/l #	81
29) Tetrahydrofuran	6.45	42	99951	103.158	ug/l	96
30) Chloroform	6.66	83	278917	22.300	ug/l	99
31) Cyclohexane	6.95	56	202155	20.775	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	220357	20.378	ug/l	98
36) 1,1-Dichloropropene	7.14	75	205993	20.071	ug/l	95
37) Ethyl Acetate	6.17	43	91669	19.034	ug/l	96
38) Carbon Tetrachloride	7.11	117	230716	20.408	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	215414	20.242	ug/l	97
40) Benzene	7.45	78	505884	19.726	ug/l	99
41) Methacrylonitrile	6.44	41	111737	20.170	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	164960	22.166	ug/l	100
43) Isopropyl Acetate	9.23	43	140010	20.989	ug/l #	98
44) Trichloroethene	8.53	130	183354	20.724	ug/l	98
45) 1,2-Dichloropropane	8.93	63	136013	20.187	ug/l	96
46) Dibromomethane	9.06	93	93015	21.764	ug/l	98
47) Bromodichloromethane	9.37	83	200132	20.751	ug/l	97
48) Methyl methacrylate	9.12	41	80131	21.336	ug/l	97
49) 1,4-Dioxane	9.08	88	17913	471.673	ug/l #	83
51) 4-Methyl-2-Pentanone	10.30	43	436675	106.856	ug/l	95
52) Toluene	10.50	92	332128	20.827	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	187170	21.224	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	220923	20.850	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	119173	22.440	ug/l	97
56) Ethyl methacrylate	11.04	69	116333	20.928	ug/l	99
57) 1,3-Dichloropropane	11.40	76	165271	20.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	269484	91.586	ug/l	99
59) 2-Hexanone	11.53	43	331756	110.981	ug/l	98
60) Dibromochloromethane	11.68	129	170526	21.818	ug/l	99
61) 1,2-Dibromoethane	11.79	107	135807	21.983	ug/l	100
64) Tetrachloroethene	11.25	164	144748	22.248	ug/l	98
65) Chlorobenzene	12.39	112	402034	21.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	156794	23.280	ug/l	98
67) Ethyl Benzene	12.51	91	603943	21.470	ug/l	98
68) m/p-Xylenes	12.66	106	482079	43.663	ug/l	95
69) o-Xylene	13.04	106	228120	21.020	ug/l	99
70) Styrene	13.06	104	346187	19.535	ug/l	98
71) Bromoform	13.23	173	91309	21.015	ug/l	100
73) Isopropylbenzene	13.40	105	641857	20.778	ug/l	99
74) N-amyl acetate	13.26	43	176014	20.235	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	118864	19.722	ug/l	94
76) 1,2,3-Trichloropropane	13.72	75	131667	21.351	ug/l	99
77) Bromobenzene	13.66	156	163769	20.768	ug/l	93
78) n-propylbenzene	13.77	91	730374	20.196	ug/l	96
79) 2-Chlorotoluene	13.83	91	421055	21.148	ug/l	98
80) 1,3,5-Trimethylbenzene	14.23	105	513290	21.887	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	38935	21.415	ug/l	97
82) 4-Chlorotoluene	13.94	91	467281	19.853	ug/l	97
83) tert-Butylbenzene	14.19	119	559242	21.790	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	513290	21.887	ug/l	98
85) sec-Butylbenzene	14.36	105	684500	21.847	ug/l	100
86) p-Isopropyltoluene	14.48	119	576192	22.498	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	273545	19.426	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	307479	22.221	ug/l	98
89) n-Butylbenzene	14.80	91	481233	19.567	ug/l	96
90) Hexachloroethane	15.00	117	155425	21.492	ug/l	89
91) 1,2-Dichlorobenzene	14.81	146	267565	22.793	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14428	19.865	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	123020	22.591	ug/l	99
94) Hexachlorobutadiene	16.04	225	85860	20.845	ug/l	97
95) Naphthalene	16.11	128	178918	21.621	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	58275	21.667	ug/l	96

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

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