

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060414.D
 Acq On : 19 Nov 2018 14:01
 Operator : JC/SY
 Sample : VD1119SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Quant Time: Nov 20 14:00:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1347462	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1826415	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1441647	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	720296	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	491282	50.92	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.84%	
35) Dibromofluoromethane	6.32	113	757040	55.59	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	111.18%	
50) Toluene-d8	9.45	98	2134565	53.55	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.43	95	772555	53.49	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	272851	23.376	ug/l	99
3) Chloromethane	1.76	50	257799	20.198	ug/l	100
4) Vinyl Chloride	1.86	62	219390	21.047	ug/l	98
5) Bromomethane	2.15	94	42322	17.114	ug/l	92
6) Chloroethane	2.26	64	61870	17.889	ug/l	99
7) Trichlorofluoromethane	2.51	101	256202	20.848	ug/l	100
8) Diethyl Ether	2.83	74	42686	19.185	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.09	101	167325	20.701	ug/l	99
10) Methyl Iodide	3.25	142	189000	18.003	ug/l	97
11) Tert butyl alcohol	3.97	59	42176	106.456	ug/l #	87
12) 1,1-Dichloroethene	3.08	96	134651	20.480	ug/l	97
13) Acrolein	2.99	56	34637	73.990	ug/l	99
14) Allyl chloride	3.54	41	267852	21.292	ug/l	98
15) Acrylonitrile	4.09	53	238847	103.382	ug/l	99
16) Acetone	3.17	43	175101	104.628	ug/l	98
17) Carbon Disulfide	3.31	76	414879	19.550	ug/l	99
18) Methyl Acetate	3.56	43	72396	20.288	ug/l	97
19) Methyl tert-butyl Ether	4.13	73	417107	21.187	ug/l	98
20) Methylene Chloride	3.73	84	338332	22.790	ug/l	96
21) trans-1,2-Dichloroethene	4.10	96	316931	21.710	ug/l	97
22) Diisopropyl ether	4.86	45	1007528	21.437	ug/l	99
23) Vinyl Acetate	4.81	43	2501254	106.954	ug/l	99
24) 1,1-Dichloroethane	4.76	63	512626	21.270	ug/l	99
25) 2-Butanone	5.63	43	359165	103.250	ug/l	100
26) 2,2-Dichloropropane	5.59	77	417335	22.272	ug/l	98
27) cis-1,2-Dichloroethene	5.60	96	334064	21.966	ug/l	97
28) Bromochloromethane	5.93	49	223154	20.985	ug/l	94
29) Tetrahydrofuran	5.95	42	184240	100.457	ug/l	99
30) Chloroform	6.10	83	529050	21.958	ug/l	99
31) Cyclohexane	6.37	56	477380	20.724	ug/l	94
32) 1,1,1-Trichloroethane	6.29	97	446706	22.010	ug/l	99
36) 1,1-Dichloropropene	6.52	75	394482	21.862	ug/l	98
37) Ethyl Acetate	5.69	43	181249	21.829	ug/l #	98
38) Carbon Tetrachloride	6.50	117	375405	22.428	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	438526	21.130	ug/l	98
40) Benzene	6.80	78	976861	21.209	ug/l	97
41) Methacrylonitrile	5.95	41	197479	20.780	ug/l #	95
42) 1,2-Dichloroethane	6.90	62	264765	21.961	ug/l	98
43) Isopropyl Acetate	8.35	43	216277	20.736	ug/l #	99
44) Trichloroethene	7.74	130	313508	22.454	ug/l	99
45) 1,2-Dichloropropane	8.11	63	257396	22.158	ug/l	100
46) Dibromomethane	8.21	93	145478	21.383	ug/l	99
47) Bromodichloromethane	8.49	83	347599	21.681	ug/l	98
48) Methyl methacrylate	8.24	41	135040	21.315	ug/l	97
49) 1,4-Dioxane	8.23	88	24623	449.200	ug/l #	85
51) 4-Methyl-2-Pentanone	9.35	43	718666	105.867	ug/l	98
52) Toluene	9.55	92	650574	22.112	ug/l	97
53) t-1,3-Dichloropropene	9.92	75	285429	21.071	ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	371744	21.396	ug/l	93
55) 1,1,2-Trichloroethane	10.18	97	183062	21.467	ug/l	95
56) Ethyl methacrylate	10.03	69	161581	20.608	ug/l	99
57) 1,3-Dichloropropane	10.39	76	270766	20.837	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.92	63	504924	106.504	ug/l	99
59) 2-Hexanone	10.49	43	535406	110.659	ug/l	99
60) Dibromochloromethane	10.64	129	226304	21.831	ug/l	99
61) 1,2-Dibromoethane	10.76	107	188955	22.115	ug/l	99
64) Tetrachloroethene	10.25	164	280716	21.811	ug/l	99
65) Chlorobenzene	11.31	112	689517	22.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	230575	22.561	ug/l	98
67) Ethyl Benzene	11.43	91	1220401	22.839	ug/l	100
68) m/p-Xylenes	11.57	106	904378	45.882	ug/l	100
69) o-Xylene	11.93	106	428799	22.518	ug/l	98
70) Styrene	11.95	104	701691	22.801	ug/l	97
71) Bromoform	12.12	173	147231	21.438	ug/l	98
73) Isopropylbenzene	12.28	105	1229471	23.428	ug/l	100
74) N-amyl acetate	12.13	43	290943	21.624	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	174785	20.365	ug/l	94
76) 1,2,3-Trichloropropane	12.59	75	182021	21.125	ug/l	99
77) Bromobenzene	12.54	156	307809	22.081	ug/l	93
78) n-propylbenzene	12.64	91	1480962	22.609	ug/l	99
79) 2-Chlorotoluene	12.71	91	826795	23.046	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	959469	23.526	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.35	75	51902	21.158	ug/l	98
82) 4-Chlorotoluene	12.81	91	945582	23.464	ug/l	97
83) tert-Butylbenzene	13.05	119	1055112	23.302	ug/l	93
84) 1,2,4-Trimethylbenzene	13.09	105	950894	23.346	ug/l	97
85) sec-Butylbenzene	13.22	105	1292579	23.268	ug/l	98
86) p-Isopropyltoluene	13.34	119	1060208	23.699	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	558552	22.522	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	562726	23.233	ug/l	94
89) n-Butylbenzene	13.65	91	1067236	21.907	ug/l	97
90) Hexachloroethane	13.86	117	245613	23.154	ug/l	86
91) 1,2-Dichlorobenzene	13.67	146	476804	23.406	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	21696	20.942	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	355646	22.020	ug/l	97
94) Hexachlorobutadiene	14.89	225	263184	21.786	ug/l	98
95) Naphthalene	14.96	128	435255	22.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	287685	22.228	ug/l	98

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

