

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060423.D
 Acq On : 20 Nov 2018 12:29
 Operator : JC/SY
 Sample : VD1120SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

Quant Time: Nov 20 14:54:02 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	1372394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.46	114	1886351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1452815	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	736110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	472636	48.10	ug/l	0.00
Spiked Amount						
			Recovery	=	96.20%	
35) Dibromofluoromethane	6.33	113	700947	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	
50) Toluene-d8	9.46	98	1969390	47.84	ug/l	0.00
Spiked Amount						
			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.43	95	707136	47.40	ug/l	-0.01
Spiked Amount						
			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	240565	19.558	ug/l	98
3) Chloromethane	1.77	50	260897	20.069	ug/l	99
4) Vinyl Chloride	1.87	62	219530	20.678	ug/l	98
5) Bromomethane	2.16	94	39912	15.846	ug/l	91
6) Chloroethane	2.27	64	63334	17.979	ug/l	95
7) Trichlorofluoromethane	2.52	101	262900	21.004	ug/l	98
8) Diethyl Ether	2.84	74	43207	19.066	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.10	101	172777	20.987	ug/l	95
10) Methyl Iodide	3.25	142	185246	17.325	ug/l	96
11) Tert butyl alcohol	3.99	59	42354	104.963	ug/l #	85
12) 1,1-Dichloroethene	3.09	96	134515	20.088	ug/l	94
13) Acrolein	3.00	56	30943	64.898	ug/l	87
14) Allyl chloride	3.55	41	263074	20.532	ug/l	96
15) Acrylonitrile	4.10	53	245239	104.221	ug/l	97
16) Acetone	3.18	43	184197	108.064	ug/l	99
17) Carbon Disulfide	3.32	76	413241	19.119	ug/l	99
18) Methyl Acetate	3.57	43	73165	20.131	ug/l	99
19) Methyl tert-butyl Ether	4.14	73	422093	21.050	ug/l	100
20) Methylene Chloride	3.73	84	334955	22.152	ug/l	94
21) trans-1,2-Dichloroethene	4.11	96	315421	21.214	ug/l	95
22) Diisopropyl ether	4.87	45	1035675	21.636	ug/l	97
23) Vinyl Acetate	4.82	43	2582377	108.417	ug/l	98
24) 1,1-Dichloroethane	4.77	63	537746	21.907	ug/l	99
25) 2-Butanone	5.64	43	373708	105.479	ug/l	99
26) 2,2-Dichloropropane	5.60	77	420953	22.057	ug/l	99
27) cis-1,2-Dichloroethene	5.61	96	337311	21.777	ug/l	97
28) Bromochloromethane	5.93	49	224712	20.747	ug/l	96
29) Tetrahydrofuran	5.97	42	194782	104.276	ug/l	99
30) Chloroform	6.12	83	548500	22.351	ug/l	100
31) Cyclohexane	6.37	56	488478	20.820	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	453641	21.946	ug/l	97
36) 1,1-Dichloropropene	6.53	75	404601	21.710	ug/l	98
37) Ethyl Acetate	5.70	43	188484	21.979	ug/l	97
38) Carbon Tetrachloride	6.51	117	382995	22.154	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	455351	21.244	ug/l	98
40) Benzene	6.81	78	1046436	21.997	ug/l	99
41) Methacrylonitrile	5.96	41	209899	21.385	ug/l #	94
42) 1,2-Dichloroethane	6.91	62	273162	21.938	ug/l	96
43) Isopropyl Acetate	8.36	43	221455	20.558	ug/l #	100
44) Trichloroethene	7.75	130	317869	22.043	ug/l	99
45) 1,2-Dichloropropane	8.11	63	266058	22.176	ug/l	94
46) Dibromomethane	8.22	93	152572	21.713	ug/l	99
47) Bromodichloromethane	8.50	83	355258	21.455	ug/l	99
48) Methyl methacrylate	8.25	41	136164	20.810	ug/l	94
49) 1,4-Dioxane	8.23	88	25066	442.753	ug/l	92
51) 4-Methyl-2-Pentanone	9.35	43	724778	103.375	ug/l	98
52) Toluene	9.55	92	668670	22.005	ug/l	98
53) t-1,3-Dichloropropene	9.93	75	292561	20.911	ug/l	97
54) cis-1,3-Dichloropropene	9.11	75	381871	21.281	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	180459	20.489	ug/l	97
56) Ethyl methacrylate	10.03	69	171172	21.137	ug/l	98
57) 1,3-Dichloropropane	10.39	76	279939	20.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	520620	106.325	ug/l	98
59) 2-Hexanone	10.50	43	545108	109.084	ug/l	99
60) Dibromochloromethane	10.64	129	233242	21.785	ug/l	98
61) 1,2-Dibromoethane	10.76	107	189773	21.505	ug/l	97
64) Tetrachloroethene	10.26	164	286128	22.061	ug/l	97
65) Chlorobenzene	11.31	112	721107	22.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	243136	23.607	ug/l	96
67) Ethyl Benzene	11.43	91	1261319	23.423	ug/l	100
68) m/p-Xylenes	11.57	106	946901	47.670	ug/l	98
69) o-Xylene	11.93	106	438007	22.825	ug/l	99
70) Styrene	11.96	104	707997	22.829	ug/l	99
71) Bromoform	12.12	173	150669	21.770	ug/l	98
73) Isopropylbenzene	12.28	105	1209517	22.553	ug/l	99
74) N-amyl acetate	12.14	43	285450	20.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	184755	21.064	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	187993	21.349	ug/l	100
77) Bromobenzene	12.54	156	309928	21.756	ug/l	100
78) n-propylbenzene	12.64	91	1548284	23.129	ug/l	100
79) 2-Chlorotoluene	12.71	91	837872	22.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	955890	22.934	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	53714	21.426	ug/l	97
82) 4-Chlorotoluene	12.81	91	948007	23.018	ug/l	100
83) tert-Butylbenzene	13.05	119	1059823	22.904	ug/l	89
84) 1,2,4-Trimethylbenzene	13.10	105	966878	23.228	ug/l	99
85) sec-Butylbenzene	13.22	105	1307620	23.033	ug/l	99
86) p-Isopropyltoluene	13.34	119	1057485	23.130	ug/l	95
87) 1,3-Dichlorobenzene	13.31	146	593844	23.430	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	561101	22.668	ug/l	94
89) n-Butylbenzene	13.65	91	1081377	21.697	ug/l	96
90) Hexachloroethane	13.86	117	251528	23.202	ug/l	95
91) 1,2-Dichlorobenzene	13.67	146	472565	22.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	22251	21.016	ug/l	55

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	372709	22.580	ug/l	97
94) Hexachlorobutadiene	14.89	225	274524	22.236	ug/l	98
95) Naphthalene	14.97	128	439830	21.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	296580	22.423	ug/l	99

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

