

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060450.D
 Acq On : 26 Nov 2018 12:16
 Operator : VA/AP
 Sample : VD1126SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Quant Time: Nov 26 14:50:27 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	6.43	168	1341215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1849042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1410502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	742168	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.82	65	458570	47.75	ug/l	0.02
Spiked Amount						
			Recovery	=	95.50%	
35) Dibromofluoromethane	6.35	113	694241	50.35	ug/l	0.02
Spiked Amount						
			Recovery	=	100.70%	
50) Toluene-d8	9.48	98	1931806	47.87	ug/l	0.02
Spiked Amount						
			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.45	95	709161	48.50	ug/l	0.00
Spiked Amount						
			Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	277701	24.016	ug/l	99
3) Chloromethane	1.78	50	280793	22.102	ug/l	97
4) Vinyl Chloride	1.88	62	233241	22.480	ug/l	95
5) Bromomethane	2.17	94	48464	19.688	ug/l	89
6) Chloroethane	2.28	64	70945	20.608	ug/l	94
7) Trichlorofluoromethane	2.54	101	270461	22.110	ug/l	97
8) Diethyl Ether	2.85	74	47840	21.601	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.12	101	180547	22.441	ug/l	99
10) Methyl Iodide	3.27	142	199812	19.122	ug/l	100
11) Tert butyl alcohol	4.00	59	36249	91.922	ug/l #	88
12) 1,1-Dichloroethene	3.11	96	146605	22.402	ug/l	94
13) Acrolein	3.01	56	30601	65.673	ug/l	91
14) Allyl chloride	3.57	41	278757	22.262	ug/l	98
15) Acrylonitrile	4.12	53	241130	104.857	ug/l	95
16) Acetone	3.19	43	178248	107.005	ug/l	96
17) Carbon Disulfide	3.34	76	430815	20.395	ug/l	99
18) Methyl Acetate	3.59	43	80412	22.639	ug/l	95
19) Methyl tert-butyl Ether	4.16	73	419706	21.418	ug/l	99
20) Methylene Chloride	3.75	84	325286	22.013	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	324285	22.317	ug/l	98
22) Diisopropyl ether	4.89	45	1037512	22.178	ug/l	98
23) Vinyl Acetate	4.84	43	2555579	109.786	ug/l	99
24) 1,1-Dichloroethane	4.79	63	542706	22.623	ug/l	99
25) 2-Butanone	5.65	43	365514	105.565	ug/l	99
26) 2,2-Dichloropropane	5.62	77	437393	23.452	ug/l	100
27) cis-1,2-Dichloroethene	5.63	96	341238	22.542	ug/l	94
28) Bromochloromethane	5.96	49	228298	21.568	ug/l	95
29) Tetrahydrofuran	5.98	42	192653	105.534	ug/l	98
30) Chloroform	6.13	83	546721	22.797	ug/l	99
31) Cyclohexane	6.39	56	489780	21.361	ug/l	97
32) 1,1,1-Trichloroethane	6.32	97	465136	23.025	ug/l	97
36) 1,1-Dichloropropene	6.55	75	414532	22.692	ug/l	98
37) Ethyl Acetate	5.72	43	177634	21.132	ug/l	94
38) Carbon Tetrachloride	6.53	117	383096	22.607	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	461776	21.978	ug/l	99
40) Benzene	6.83	78	1051211	22.543	ug/l	99
41) Methacrylonitrile	5.97	41	201420	20.935	ug/l #	97
42) 1,2-Dichloroethane	6.92	62	265818	21.779	ug/l	100
43) Isopropyl Acetate	8.37	43	220371	20.870	ug/l #	96
44) Trichloroethene	7.77	130	321938	22.775	ug/l	100
45) 1,2-Dichloropropane	8.14	63	253422	21.549	ug/l	96
46) Dibromomethane	8.24	93	147215	21.373	ug/l	96
47) Bromodichloromethane	8.52	83	352144	21.696	ug/l	96
48) Methyl methacrylate	8.27	41	130887	20.407	ug/l	94
49) 1,4-Dioxane	8.25	88	22701	409.069	ug/l	90
51) 4-Methyl-2-Pentanone	9.37	43	705324	102.630	ug/l	99
52) Toluene	9.57	92	678822	22.789	ug/l	98
53) t-1,3-Dichloropropene	9.95	75	292582	21.335	ug/l	99
54) cis-1,3-Dichloropropene	9.13	75	382332	21.736	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	182606	21.151	ug/l	98
56) Ethyl methacrylate	10.05	69	164756	20.756	ug/l	97
57) 1,3-Dichloropropane	10.41	76	284608	21.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.95	63	509997	106.257	ug/l	99
59) 2-Hexanone	10.51	43	545233	111.311	ug/l	97
60) Dibromochloromethane	10.66	129	229097	21.830	ug/l	98
61) 1,2-Dibromoethane	10.78	107	182992	21.155	ug/l	100
64) Tetrachloroethene	10.27	164	296036	23.510	ug/l	97
65) Chlorobenzene	11.33	112	701816	22.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	243013	24.303	ug/l	95
67) Ethyl Benzene	11.44	91	1279074	24.466	ug/l	98
68) m/p-Xylenes	11.58	106	935039	48.485	ug/l	97
69) o-Xylene	11.95	106	447670	24.028	ug/l	95
70) Styrene	11.97	104	714498	23.730	ug/l	100
71) Bromoform	12.13	173	149512	22.251	ug/l	97
73) Isopropylbenzene	12.29	105	1283542	23.737	ug/l	98
74) N-amyl acetate	12.15	43	285390	20.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	185997	21.033	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	184911	20.828	ug/l	98
77) Bromobenzene	12.55	156	312730	21.773	ug/l	93
78) n-propylbenzene	12.65	91	1596398	23.653	ug/l	98
79) 2-Chlorotoluene	12.72	91	849898	22.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	988874	23.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.36	75	50776	20.089	ug/l	93
82) 4-Chlorotoluene	12.83	91	973812	23.452	ug/l	90
83) tert-Butylbenzene	13.07	119	1083921	23.233	ug/l	100
84) 1,2,4-Trimethylbenzene	13.10	105	1005257	23.953	ug/l	99
85) sec-Butylbenzene	13.23	105	1373034	23.988	ug/l	99
86) p-Isopropyltoluene	13.36	119	1106226	23.999	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	586269	22.942	ug/l	99
88) 1,4-Dichlorobenzene	13.41	146	577465	23.138	ug/l	99
89) n-Butylbenzene	13.67	91	1110052	22.140	ug/l	100
90) Hexachloroethane	13.87	117	252374	23.090	ug/l	97
91) 1,2-Dichlorobenzene	13.68	146	471090	22.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20973	19.647	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	363830	21.863	ug/l	97
94) Hexachlorobutadiene	14.90	225	273764	21.994	ug/l	97
95) Naphthalene	14.98	128	421046	20.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	287219	21.538	ug/l	99

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

