

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060461.D
 Acq On : 29 Nov 2018 12:08
 Operator : VA/AP
 Sample : VD1129SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1129SBS01

Quant Time: Nov 30 04:53:04 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	6.42	168	1373412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1881826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1489068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	763510	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	511606	52.02	ug/l	0.00
Spiked Amount						
			Recovery	=	104.04%	
35) Dibromofluoromethane	6.34	113	775559	55.27	ug/l	0.00
Spiked Amount						
			Recovery	=	110.54%	
50) Toluene-d8	9.47	98	2153976	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.43	95	793994	53.35	ug/l	0.00
Spiked Amount						
			Recovery	=	106.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	257899	21.311	ug/l	95
3) Chloromethane	1.77	50	261111	20.071	ug/l	98
4) Vinyl Chloride	1.87	62	223178	21.006	ug/l	98
5) Bromomethane	2.17	94	45821	18.178	ug/l	93
6) Chloroethane	2.28	64	67853	19.248	ug/l	92
7) Trichlorofluoromethane	2.52	101	266731	21.294	ug/l	98
8) Diethyl Ether	2.85	74	46333	20.430	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.11	101	182165	22.111	ug/l	96
10) Methyl Iodide	3.27	142	190648	17.817	ug/l	99
11) Tert butyl alcohol	4.00	59	48501	120.108	ug/l	97
12) 1,1-Dichloroethene	3.09	96	142712	21.296	ug/l	96
13) Acrolein	3.00	56	30317	63.538	ug/l	100
14) Allyl chloride	3.56	41	279358	21.787	ug/l	98
15) Acrylonitrile	4.11	53	243196	103.276	ug/l	97
16) Acetone	3.18	43	172945	101.387	ug/l	97
17) Carbon Disulfide	3.34	76	418712	19.357	ug/l	96
18) Methyl Acetate	3.58	43	71376	19.624	ug/l	98
19) Methyl tert-butyl Ether	4.15	73	419385	20.900	ug/l	99
20) Methylene Chloride	3.74	84	332373	21.965	ug/l	96
21) trans-1,2-Dichloroethene	4.13	96	325716	21.890	ug/l	96
22) Diisopropyl ether	4.87	45	1022309	21.340	ug/l	95
23) Vinyl Acetate	4.83	43	2496664	104.741	ug/l	98
24) 1,1-Dichloroethane	4.78	63	528027	21.495	ug/l	100
25) 2-Butanone	5.64	43	354133	99.880	ug/l	99
26) 2,2-Dichloropropane	5.60	77	424324	22.217	ug/l	98
27) cis-1,2-Dichloroethene	5.61	96	341788	22.049	ug/l	94
28) Bromochloromethane	5.94	49	226579	20.904	ug/l	97
29) Tetrahydrofuran	5.98	42	183853	98.352	ug/l	99
30) Chloroform	6.12	83	540734	22.018	ug/l	98
31) Cyclohexane	6.38	56	483099	20.576	ug/l	100
32) 1,1,1-Trichloroethane	6.31	97	449337	21.721	ug/l	99
36) 1,1-Dichloropropene	6.54	75	402043	21.625	ug/l	98
37) Ethyl Acetate	5.71	43	173196	20.245	ug/l #	94
38) Carbon Tetrachloride	6.52	117	372289	21.587	ug/l	99

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39) Methylcyclohexane	8.05	83	444776	20.800	ug/l	98
40) Benzene	6.81	78	1043529	21.989	ug/l	100
41) Methacrylonitrile	5.97	41	200608	20.487	ug/l #	96
42) 1,2-Dichloroethane	6.91	62	257034	20.692	ug/l	100
43) Isopropyl Acetate	8.36	43	214767	19.985	ug/l #	98
44) Trichloroethene	7.76	130	317381	22.062	ug/l	99
45) 1,2-Dichloropropane	8.11	63	259040	21.643	ug/l	99
46) Dibromomethane	8.23	93	147259	21.007	ug/l	96
47) Bromodichloromethane	8.51	83	352113	21.316	ug/l	99
48) Methyl methacrylate	8.26	41	130333	19.967	ug/l	96
49) 1,4-Dioxane	8.24	88	24237	429.139	ug/l #	85
51) 4-Methyl-2-Pentanone	9.35	43	706285	100.979	ug/l	97
52) Toluene	9.56	92	667608	22.023	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	294021	21.066	ug/l	100
54) cis-1,3-Dichloropropene	9.12	75	388169	21.684	ug/l	95
55) 1,1,2-Trichloroethane	10.19	97	183272	20.859	ug/l	94
56) Ethyl methacrylate	10.04	69	160580	19.877	ug/l	98
57) 1,3-Dichloropropane	10.40	76	275706	20.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	513323	105.087	ug/l	97
59) 2-Hexanone	10.49	43	510603	102.425	ug/l	99
60) Dibromochloromethane	10.65	129	228709	21.413	ug/l	95
61) 1,2-Dibromoethane	10.77	107	185270	21.045	ug/l	99
64) Tetrachloroethene	10.26	164	291476	21.926	ug/l	98
65) Chlorobenzene	11.32	112	716394	22.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	246329	23.334	ug/l	95
67) Ethyl Benzene	11.44	91	1278758	23.169	ug/l	100
68) m/p-Xylenes	11.58	106	943349	46.335	ug/l	97
69) o-Xylene	11.94	106	432818	22.005	ug/l	98
70) Styrene	11.96	104	704766	22.171	ug/l	97
71) Bromoform	12.12	173	148058	20.872	ug/l	98
73) Isopropylbenzene	12.28	105	1262886	22.703	ug/l	100
74) N-amyl acetate	12.14	43	284633	19.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	185166	20.353	ug/l	96
76) 1,2,3-Trichloropropane	12.60	75	186306	20.398	ug/l	98
77) Bromobenzene	12.55	156	311047	21.051	ug/l	88
78) n-propylbenzene	12.64	91	1557726	22.435	ug/l	97
79) 2-Chlorotoluene	12.71	91	842411	22.152	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	980276	22.675	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	50478	19.413	ug/l #	85
82) 4-Chlorotoluene	12.82	91	961906	22.518	ug/l	93
83) tert-Butylbenzene	13.05	119	1090360	22.718	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	967739	22.414	ug/l	97
85) sec-Butylbenzene	13.23	105	1349923	22.925	ug/l	96
86) p-Isopropyltoluene	13.35	119	1091535	23.018	ug/l	98
87) 1,3-Dichlorobenzene	13.32	146	582807	22.169	ug/l	96
88) 1,4-Dichlorobenzene	13.40	146	571874	22.274	ug/l	97
89) n-Butylbenzene	13.65	91	1101085	21.251	ug/l	97
90) Hexachloroethane	13.86	117	255113	22.688	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	475286	22.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.23	75	20519	18.685	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	370186	21.623	ug/l	99
94) Hexachlorobutadiene	14.88	225	278311	21.734	ug/l	97
95) Naphthalene	14.97	128	427562	20.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	289644	21.113	ug/l	98

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

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