

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064004.D
 Acq On : 18 Oct 2019 12:05
 Operator : VA/SY
 Sample : VD1018SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBS01

Quant Time: Oct 19 01:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	169624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	268030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142910	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	82180	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.92	113	83895	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	10.34	98	351672	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	113486	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	22874	19.015	ug/l	96
3) Chloromethane	2.21	50	74663	20.383	ug/l	96
4) Vinyl Chloride	2.35	62	90524	23.283	ug/l #	88
5) Bromomethane	2.76	94	50899	20.364	ug/l	85
6) Chloroethane	2.92	64	55371	21.535	ug/l	90
7) Trichlorofluoromethane	3.27	101	123197	23.966	ug/l	99
8) Diethyl Ether	3.70	74	17281	20.945	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.09	101	30566	21.481	ug/l	96
10) Methyl Iodide	4.29	142	32922	16.791	ug/l #	93
11) Tert butyl alcohol	5.25	59	8235	65.872	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	27993	19.691	ug/l	97
13) Acrolein	3.93	56	9429	63.928	ug/l	95
14) Allyl chloride	4.71	41	50363	21.309	ug/l	97
15) Acrylonitrile	5.43	53	37277	102.477	ug/l	98
16) Acetone	4.17	43	36559	85.030	ug/l #	82
17) Carbon Disulfide	4.40	76	88418	17.110	ug/l	99
18) Methyl Acetate	4.73	43	19222	22.858	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	66340	18.021	ug/l	99
20) Methylene Chloride	4.97	84	41380	19.877	ug/l #	85
21) trans-1,2-Dichloroethene	5.47	96	34169	19.308	ug/l	87
22) Diisopropyl ether	6.37	45	96453	19.982	ug/l	98
23) Vinyl Acetate	6.31	43	282738	98.463	ug/l	98
24) 1,1-Dichloroethane	6.27	63	62871	21.146	ug/l	96
25) 2-Butanone	7.23	43	47534	93.288	ug/l	99
26) 2,2-Dichloropropane	7.21	77	55156	20.507	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	39225	19.582	ug/l	99
28) Bromochloromethane	7.56	49	19958	18.862	ug/l #	96
29) Tetrahydrofuran	7.57	42	27730	93.238	ug/l	97
30) Chloroform	7.71	83	66805	20.687	ug/l	92
31) Cyclohexane	7.98	56	58288	21.431	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	57214	20.654	ug/l	94
36) 1,1-Dichloropropene	8.11	75	52950	21.606	ug/l	97
37) Ethyl Acetate	7.30	43	21717	19.681	ug/l	98
38) Carbon Tetrachloride	8.10	117	54442	21.984	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	66254	21.988	ug/l	92
40) Benzene	8.35	78	150314	21.403	ug/l	99
41) Methacrylonitrile	7.53	41	10502	18.484	ug/l	93
42) 1,2-Dichloroethane	8.43	62	41067	20.215	ug/l	98
43) Isopropyl Acetate	8.46	43	39350	19.146	ug/l #	75
44) Trichloroethene	9.12	130	41984	20.732	ug/l	96
45) 1,2-Dichloropropane	9.39	63	34912	20.310	ug/l #	88
46) Dibromomethane	9.48	93	19376	19.792	ug/l	95
47) Bromodichloromethane	9.67	83	50206	19.919	ug/l	86
48) Methyl methacrylate	9.46	41	17074	17.339	ug/l	92
49) 1,4-Dioxane	9.47	88	4923	368.410	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	103353	96.965	ug/l	97
52) Toluene	10.41	92	101149	20.981	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	47379	19.264	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	59717	21.093	ug/l	90
55) 1,1,2-Trichloroethane	10.81	97	29147	21.087	ug/l	87
56) Ethyl methacrylate	10.66	69	32635	18.644	ug/l	100
57) 1,3-Dichloropropane	10.95	76	49031	20.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	71474	94.994	ug/l	99
59) 2-Hexanone	10.99	43	74152	96.173	ug/l	100
60) Dibromochloromethane	11.14	129	35876	19.936	ug/l	99
61) 1,2-Dibromoethane	11.25	107	27170	20.275	ug/l	95
64) Tetrachloroethene	10.88	164	37681	20.948	ug/l	97
65) Chlorobenzene	11.67	112	113016	21.357	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	39656	20.338	ug/l	95
67) Ethyl Benzene	11.75	91	204520	21.434	ug/l	97
68) m/p-Xylenes	11.86	106	154503	41.950	ug/l	98
69) o-Xylene	12.18	106	75144	21.308	ug/l	92
70) Styrene	12.20	104	124135	20.793	ug/l	99
71) Bromoform	12.37	173	20496	19.586	ug/l #	97
73) Isopropylbenzene	12.48	105	199600	20.776	ug/l	98
74) N-amyl acetate	12.30	43	37062	17.918	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	32976	19.725	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	18215m	19.030	ug/l	
77) Bromobenzene	12.76	156	46741	19.528	ug/l	95
78) n-propylbenzene	12.83	91	243177	21.564	ug/l	98
79) 2-Chlorotoluene	12.91	91	130814	21.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	170962	21.330	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	10135	18.737	ug/l	97
82) 4-Chlorotoluene	13.01	91	136061	20.628	ug/l	100
83) tert-Butylbenzene	13.23	119	145896	20.453	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	171170	20.716	ug/l	99
85) sec-Butylbenzene	13.41	105	211455	21.951	ug/l	99
86) p-Isopropyltoluene	13.52	119	190448	20.893	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	96690	20.444	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	96310	20.642	ug/l	97
89) n-Butylbenzene	13.85	91	189641	22.350	ug/l	97
90) Hexachloroethane	14.11	117	34715	21.175	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	83765	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5301	18.879	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	59240	18.837	ug/l	99
94) Hexachlorobutadiene	15.27	225	36921	21.275	ug/l	98
95) Naphthalene	15.41	128	101698	19.240	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	51309	18.910	ug/l	98

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

