

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061081.D
 Acq On : 15 Mar 2019 12:30
 Operator : VA/AP
 Sample : VD0315SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	702010	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1137388	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	919737	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	417858	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	286481	49.03	ug/l	0.03
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	6.95	113	443249	52.51	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.43	98	1093829	51.60	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	13.57	95	389637	47.37	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.59	85	134689	19.369 ug/l	98
3) Chloromethane	1.77	50	107216	18.509 ug/l	99
4) Vinyl Chloride	1.86	62	101220	18.910 ug/l	97
5) Bromomethane	2.16	94	16832	15.159 ug/l	86
6) Chloroethane	2.27	64	29694	18.534 ug/l #	87
7) Trichlorofluoromethane	2.54	101	149313	19.418 ug/l	96
8) Diethyl Ether	2.89	74	47704	18.806 ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.17	101	166060	19.316 ug/l	97
10) Methyl Iodide	3.33	142	183526	17.526 ug/l	98
11) Tert butyl alcohol	4.09	59	33756	90.741 ug/l	99
12) 1,1-Dichloroethene	3.15	96	133222	18.905 ug/l	94
13) Acrolein	3.06	56	39646	73.657 ug/l	95
14) Allyl chloride	3.65	41	213960	18.977 ug/l	97
15) Acrylonitrile	4.22	53	114061	86.753 ug/l	97
16) Acetone	3.24	43	157905	94.498 ug/l	97
17) Carbon Disulfide	3.40	76	400124	16.833 ug/l	99
18) Methyl Acetate	3.66	43	56054	17.046 ug/l #	91
19) Methyl tert-butyl Ether	4.27	73	237005	19.191 ug/l	97
20) Methylene Chloride	3.84	84	161120	18.179 ug/l	93
21) trans-1,2-Dichloroethene	4.25	96	143120	18.765 ug/l	97
22) Diisopropyl ether	5.14	45	437178	18.679 ug/l	93
23) Vinyl Acetate	5.08	43	1118129	93.061 ug/l	100
24) 1,1-Dichloroethane	5.01	63	246882	19.252 ug/l	98
25) 2-Butanone	6.10	43	172894	91.184 ug/l	99
26) 2,2-Dichloropropane	6.06	77	195108	19.489 ug/l	97
27) cis-1,2-Dichloroethene	6.07	96	160478	19.831 ug/l	98
28) Bromochloromethane	6.46	49	93512	17.225 ug/l	100
29) Tetrahydrofuran	6.49	42	86128	83.653 ug/l	97
30) Chloroform	6.70	83	255213	19.202 ug/l	97
31) Cyclohexane	6.98	56	181262	17.530 ug/l	95
32) 1,1,1-Trichloroethane	6.90	97	215225	18.731 ug/l	97
36) 1,1-Dichloropropene	7.17	75	198144	20.210 ug/l	98
37) Ethyl Acetate	6.21	43	83286	18.103 ug/l	96
38) Carbon Tetrachloride	7.14	117	214312	19.845 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	216297	21.276	ug/l	96
40) Benzene	7.48	78	497277	20.299	ug/l	99
41) Methacrylonitrile	6.47	41	95267	18.003	ug/l	97
42) 1,2-Dichloroethane	7.60	62	141607	19.919	ug/l	97
43) Isopropyl Acetate	9.26	43	109530	17.189	ug/l #	100
44) Trichloroethene	8.57	130	178667	21.140	ug/l	97
45) 1,2-Dichloropropane	8.96	63	129949	20.190	ug/l	99
46) Dibromomethane	9.08	93	80411	19.696	ug/l	94
47) Bromodichloromethane	9.40	83	178357	19.360	ug/l	99
48) Methyl methacrylate	9.14	41	68302	19.038	ug/l	97
49) 1,4-Dioxane	9.11	88	13573	374.131	ug/l #	90
51) 4-Methyl-2-Pentanone	10.32	43	359124	91.994	ug/l	98
52) Toluene	10.53	92	317571	20.846	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	157366	18.680	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	198333	19.595	ug/l	98
55) 1,1,2-Trichloroethane	11.22	97	99436	19.600	ug/l	97
56) Ethyl methacrylate	11.06	69	100359	18.899	ug/l	96
57) 1,3-Dichloropropane	11.42	76	154777	20.416	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.88	63	247810	88.164	ug/l	97
59) 2-Hexanone	11.55	43	272639	95.476	ug/l	100
60) Dibromochloromethane	11.70	129	148377	19.873	ug/l	99
61) 1,2-Dibromoethane	11.83	107	112119	18.998	ug/l	99
64) Tetrachloroethene	11.28	164	134328	21.636	ug/l	98
65) Chlorobenzene	12.42	112	348637	19.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.53	131	148890	23.166	ug/l	98
67) Ethyl Benzene	12.54	91	626201	23.328	ug/l	99
68) m/p-Xylenes	12.68	106	455622	43.245	ug/l	98
69) o-Xylene	13.06	106	236340	22.821	ug/l	99
70) Styrene	13.09	104	373432	22.082	ug/l	99
71) Bromoform	13.24	173	83578	20.158	ug/l #	94
73) Isopropylbenzene	13.41	105	572010	18.995	ug/l	98
74) N-amyl acetate	13.27	43	149408	17.620	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.71	83	107738	18.337	ug/l	97
76) 1,2,3-Trichloropropane	13.75	75	107557	17.891	ug/l	95
77) Bromobenzene	13.69	156	156113	20.308	ug/l	94
78) n-propylbenzene	13.79	91	695889	19.739	ug/l	98
79) 2-Chlorotoluene	13.85	91	357686	18.429	ug/l	99
80) 1,3,5-Trimethylbenzene	14.25	105	491925	21.518	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	32397	18.279	ug/l	95
82) 4-Chlorotoluene	13.96	91	468567	20.421	ug/l	97
83) tert-Butylbenzene	14.20	119	533826	21.337	ug/l	93
84) 1,2,4-Trimethylbenzene	14.25	105	491925	21.518	ug/l	98
85) sec-Butylbenzene	14.38	105	619619	20.286	ug/l	95
86) p-Isopropyltoluene	14.50	119	526885	21.104	ug/l	97
87) 1,3-Dichlorobenzene	14.47	146	270148	19.680	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	265054	19.650	ug/l	97
89) n-Butylbenzene	14.81	91	476241	19.863	ug/l	97
90) Hexachloroethane	15.02	117	138915	19.705	ug/l	77
91) 1,2-Dichlorobenzene	14.82	146	240703	21.034	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12847	18.145	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	117688	22.169	ug/l	96
94) Hexachlorobutadiene	16.05	225	80406	20.025	ug/l	94
95) Naphthalene	16.14	128	172573	21.392	ug/l	98
96) 1,2,3-Trichlorobenzene	16.29	180	60460	23.059	ug/l	99

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

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