

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061186.D
 Acq On : 19 Mar 2019 15:44
 Operator : VA/AP
 Sample : VD0319SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01

Quant Time: Mar 19 16:19:45 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	7.03	168	660842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1133954	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	921977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	413715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	280900	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	6.91	113	448125	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.40	98	1097013	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	13.55	95	378675	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	130307	19.906	ug/l	100
3) Chloromethane	1.76	50	118392	21.711	ug/l	89
4) Vinyl Chloride	1.85	62	113345	22.495	ug/l	100
5) Bromomethane	2.15	94	20083	19.718	ug/l	85
6) Chloroethane	2.26	64	33337	22.104	ug/l	94
7) Trichlorofluoromethane	2.52	101	155748	21.517	ug/l	94
8) Diethyl Ether	2.87	74	55595	23.282	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	163643	20.221	ug/l	97
10) Methyl Iodide	3.30	142	192789	19.217	ug/l	97
11) Tert butyl alcohol	4.05	59	36369	103.856	ug/l	100
12) 1,1-Dichloroethene	3.12	96	141630	21.351	ug/l	92
13) Acrolein	3.04	56	34047	67.195	ug/l	95
14) Allyl chloride	3.62	41	217011	20.447	ug/l	97
15) Acrylonitrile	4.19	53	138844	112.181	ug/l	99
16) Acetone	3.21	43	146606	93.202	ug/l	96
17) Carbon Disulfide	3.37	76	444972	19.885	ug/l	98
18) Methyl Acetate	3.64	43	63651	20.562	ug/l #	87
19) Methyl tert-butyl Ether	4.23	73	273746	23.547	ug/l	98
20) Methylene Chloride	3.81	84	177634	22.171	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	156805	21.840	ug/l	94
22) Diisopropyl ether	5.10	45	459083	20.836	ug/l	95
23) Vinyl Acetate	5.04	43	1265078	111.851	ug/l	100
24) 1,1-Dichloroethane	4.98	63	258532	21.416	ug/l	99
25) 2-Butanone	6.06	43	184821	103.547	ug/l	99
26) 2,2-Dichloropropane	6.02	77	197327	20.939	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	169608	22.265	ug/l	97
28) Bromochloromethane	6.42	49	88200	17.259	ug/l	94
29) Tetrahydrofuran	6.44	42	98117	101.235	ug/l	94
30) Chloroform	6.65	83	270644	21.632	ug/l	96
31) Cyclohexane	6.94	56	202203	20.773	ug/l	99
32) 1,1,1-Trichloroethane	6.86	97	222108	20.534	ug/l	99
36) 1,1-Dichloropropene	7.13	75	201053	20.569	ug/l	98
37) Ethyl Acetate	6.17	43	92452	20.156	ug/l	97
38) Carbon Tetrachloride	7.10	117	225239	20.920	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	210002	20.720	ug/l	98
40) Benzene	7.45	78	506602	20.742	ug/l	100
41) Methacrylonitrile	6.43	41	108496	20.565	ug/l	97
42) 1,2-Dichloroethane	7.56	62	150595	21.247	ug/l	95
43) Isopropyl Acetate	9.23	43	131405	20.684	ug/l #	95
44) Trichloroethene	8.53	130	184045	21.842	ug/l	93
45) 1,2-Dichloropropane	8.92	63	132590	20.663	ug/l	99
46) Dibromomethane	9.05	93	81534	20.031	ug/l	94
47) Bromodichloromethane	9.37	83	193332	21.049	ug/l	99
48) Methyl methacrylate	9.11	41	76954	21.514	ug/l	92
49) 1,4-Dioxane	9.06	88	14469	400.036	ug/l #	89
51) 4-Methyl-2-Pentanone	10.28	43	429074	110.246	ug/l	96
52) Toluene	10.50	92	333813	21.979	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	172777	20.572	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	217144	21.518	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	103198	20.404	ug/l	96
56) Ethyl methacrylate	11.03	69	119531	22.578	ug/l	98
57) 1,3-Dichloropropane	11.39	76	159902	21.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	269331	96.111	ug/l	99
59) 2-Hexanone	11.52	43	312339	109.710	ug/l	93
60) Dibromochloromethane	11.67	129	166589	22.380	ug/l	99
61) 1,2-Dibromoethane	11.79	107	124209	21.111	ug/l	96
64) Tetrachloroethene	11.25	164	138989	22.332	ug/l	98
65) Chlorobenzene	12.39	112	402871	22.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	151674	23.542	ug/l	98
67) Ethyl Benzene	12.52	91	599862	22.292	ug/l	99
68) m/p-Xylenes	12.65	106	492886	46.668	ug/l	98
69) o-Xylene	13.04	106	235983	22.731	ug/l	97
70) Styrene	13.07	104	386383	22.793	ug/l	97
71) Bromoform	13.23	173	91644	22.050	ug/l	96
73) Isopropylbenzene	13.39	105	584461	19.603	ug/l	97
74) N-amyl acetate	13.25	43	172357	20.530	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	117560	20.209	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	129347	21.732	ug/l	98
77) Bromobenzene	13.66	156	170548	22.408	ug/l	90
78) n-propylbenzene	13.77	91	717458	20.555	ug/l	96
79) 2-Chlorotoluene	13.83	91	407900	21.226	ug/l	96
80) 1,3,5-Trimethylbenzene	14.23	105	480311	21.220	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	33918	19.329	ug/l	95
82) 4-Chlorotoluene	13.93	91	425989	18.751	ug/l	95
83) tert-Butylbenzene	14.18	119	588224	23.746	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	480311	21.220	ug/l	97
85) sec-Butylbenzene	14.36	105	677152	22.392	ug/l	97
86) p-Isopropyltoluene	14.49	119	565624	22.882	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	318813	23.458	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	294961	22.086	ug/l	96
89) n-Butylbenzene	14.79	91	475877	20.047	ug/l	97
90) Hexachloroethane	15.00	117	145573	20.856	ug/l	80
91) 1,2-Dichlorobenzene	14.80	146	257124	22.694	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	14309	20.412	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	111472	21.209	ug/l	97
94) Hexachlorobutadiene	16.03	225	80546	20.260	ug/l	97
95) Naphthalene	16.12	128	163949	20.527	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	45777	17.634	ug/l	94

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

