

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063526.D
 Acq On : 13 Aug 2019 14:47
 Operator : JC/SY
 Sample : VD0813SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Quant Time: Aug 14 08:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1138114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1627842	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1343379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	706046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	648567	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
35) Dibromofluoromethane	6.94	113	710214	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	10.42	98	1547704	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	13.56	95	659550	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	280313	20.358	ug/l	97
3) Chloromethane	1.75	50	224992	20.914	ug/l	96
4) Vinyl Chloride	1.85	62	211201	19.776	ug/l	93
5) Bromomethane	2.15	94	90448	17.949	ug/l	99
6) Chloroethane	2.26	64	90686	18.569	ug/l #	87
7) Trichlorofluoromethane	2.53	101	414721	19.798	ug/l	99
8) Diethyl Ether	2.88	74	58691	19.844	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.15	101	247571	20.015	ug/l	91
10) Methyl Iodide	3.30	142	318733	18.212	ug/l #	96
11) Tert butyl alcohol	4.10	59	56893	107.428	ug/l	98
12) 1,1-Dichloroethene	3.13	96	199831	21.729	ug/l	95
13) Acrolein	3.05	56	52387	100.496	ug/l	99
14) Allyl chloride	3.62	41	259519	18.772	ug/l	98
15) Acrylonitrile	4.21	53	146185	104.212	ug/l	95
16) Acetone	3.23	43	220371	89.110	ug/l	93
17) Carbon Disulfide	3.37	76	568613	19.591	ug/l	98
18) Methyl Acetate	3.65	43	108726	23.211	ug/l	98
19) Methyl tert-butyl Ether	4.25	73	403050	21.915	ug/l	99
20) Methylene Chloride	3.82	84	210002	19.638	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	199526	20.617	ug/l	92
22) Diisopropyl ether	5.14	45	611510	21.435	ug/l	97
23) Vinyl Acetate	5.07	43	1729303	104.270	ug/l	97
24) 1,1-Dichloroethane	5.00	63	374237	21.151	ug/l	100
25) 2-Butanone	6.09	43	269655	110.404	ug/l	94
26) 2,2-Dichloropropane	6.03	77	343755	19.505	ug/l	92
27) cis-1,2-Dichloroethene	6.05	96	231618	21.875	ug/l	91
28) Bromochloromethane	6.44	49	136204	18.993	ug/l	89
29) Tetrahydrofuran	6.47	42	122462	107.601	ug/l	94
30) Chloroform	6.67	83	438651	19.945	ug/l	98
31) Cyclohexane	6.96	56	228361	20.789	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	412370	19.601	ug/l	95
36) 1,1-Dichloropropene	7.15	75	281971	19.594	ug/l	98
37) Ethyl Acetate	6.20	43	129262	21.436	ug/l	97
38) Carbon Tetrachloride	7.11	117	401915	18.532	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	239885	19.604	ug/l	99
40) Benzene	7.46	78	645307	20.377	ug/l	99
41) Methacrylonitrile	6.46	41	159269	20.977	ug/l #	93
42) 1,2-Dichloroethane	7.59	62	325630	20.449	ug/l	100
43) Isopropyl Acetate	9.25	43	175937	21.785	ug/l #	98
44) Trichloroethene	8.55	130	242705	20.051	ug/l	100
45) 1,2-Dichloropropane	8.95	63	159126	21.577	ug/l	96
46) Dibromomethane	9.07	93	127747	20.284	ug/l	92
47) Bromodichloromethane	9.38	83	326336	20.201	ug/l	97
48) Methyl methacrylate	9.13	41	110059	20.094	ug/l #	90
49) 1,4-Dioxane	9.08	88	20548	434.469	ug/l #	83
51) 4-Methyl-2-Pentanone	10.30	43	595000	107.667	ug/l	95
52) Toluene	10.52	92	395145	19.372	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	281311	21.337	ug/l	95
54) cis-1,3-Dichloropropene	10.05	75	313885	21.114	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	132176	19.183	ug/l	95
56) Ethyl methacrylate	11.05	69	148713	19.885	ug/l	99
57) 1,3-Dichloropropane	11.42	76	213334	20.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	429651	108.823	ug/l	99
59) 2-Hexanone	11.53	43	426884	106.161	ug/l	97
60) Dibromochloromethane	11.69	129	266264	21.237	ug/l	92
61) 1,2-Dibromoethane	11.81	107	168345	20.183	ug/l	99
64) Tetrachloroethene	11.27	164	216773	20.903	ug/l	96
65) Chlorobenzene	12.40	112	550055	21.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	228851	20.653	ug/l	94
67) Ethyl Benzene	12.53	91	897922	20.510	ug/l	98
68) m/p-Xylenes	12.68	106	657502	42.748	ug/l	98
69) o-Xylene	13.05	106	297262	20.081	ug/l	96
70) Styrene	13.07	104	511412	19.422	ug/l	97
71) Bromoform	13.24	173	153862	20.250	ug/l	96
73) Isopropylbenzene	13.40	105	958459	21.342	ug/l	96
74) N-amyl acetate	13.27	43	229697	20.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	157920	21.186	ug/l	92
76) 1,2,3-Trichloropropane	13.74	75	168920	20.846	ug/l	98
77) Bromobenzene	13.67	156	262817	21.413	ug/l	94
78) n-propylbenzene	13.78	91	1068758	20.340	ug/l	97
79) 2-Chlorotoluene	13.85	91	583423	19.257	ug/l	90
80) 1,3,5-Trimethylbenzene	13.94	105	781141	19.908	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	44269	20.327	ug/l	92
82) 4-Chlorotoluene	13.95	91	731337	20.075	ug/l	95
83) tert-Butylbenzene	14.19	119	854044	20.669	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	801523	22.077	ug/l	95
85) sec-Butylbenzene	14.37	105	911571	20.774	ug/l	98
86) p-Isopropyltoluene	14.50	119	862548	20.558	ug/l	94
87) 1,3-Dichlorobenzene	14.46	146	479093	21.580	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	440199	20.667	ug/l	97
89) n-Butylbenzene	14.80	91	776640	20.282	ug/l	96
90) Hexachloroethane	15.01	117	231908	21.991	ug/l	92
91) 1,2-Dichlorobenzene	14.81	146	411714	21.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26668	19.001	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	288229	20.796	ug/l	99
94) Hexachlorobutadiene	16.04	225	209581	19.841	ug/l	96
95) Naphthalene	16.12	128	423316	20.154	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	217522	19.431	ug/l	96

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

