

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068080.D
 Acq On : 13 Jan 2021 19:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 10:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	465167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	754481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	703228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	340916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197922	50.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.08%			
35) Dibromofluoromethane	7.920	113	220482	51.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.54%			
50) Toluene-d8	10.344	98	748245	47.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.42%			
62) 4-Bromofluorobenzene	12.632	95	270290	48.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.36%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	207273	50.23	ug/l	100
3) Chloromethane	2.209	50	195056	51.19	ug/l	96
4) Vinyl Chloride	2.350	62	191206	45.86	ug/l	100
5) Bromomethane	2.773	94	159526	49.15	ug/l	93
6) Chloroethane	2.926	64	124451	47.53	ug/l	99
7) Trichlorofluoromethane	3.273	101	389012	47.21	ug/l	95
8) Diethyl Ether	3.709	74	108309	54.76	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	218940	48.83	ug/l	98
10) Methyl Iodide	4.303	142	208810	45.44	ug/l	98
11) Tert butyl alcohol	5.220	59	62567	262.37	ug/l	100
12) 1,1-Dichloroethene	4.073	96	208740	49.13	ug/l	93
13) Acrolein	3.932	56	73752	238.31	ug/l	100
14) Allyl chloride	4.714	41	253664	51.27	ug/l	99
15) Acrylonitrile	5.426	53	217776	285.76	ug/l	98
16) Acetone	4.162	43	151986	242.45	ug/l	91
17) Carbon Disulfide	4.414	76	605626	48.01	ug/l	99
18) Methyl Acetate	4.720	43	88989	54.29	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	489026	56.20	ug/l	98
20) Methylene Chloride	4.973	84	258878	52.61	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	248219	52.14	ug/l	98
22) Diisopropyl ether	6.361	45	568670	57.79	ug/l #	97
23) Vinyl Acetate	6.309	43	1503069	292.84	ug/l	96
24) 1,1-Dichloroethane	6.267	63	391400	52.53	ug/l	98
25) 2-Butanone	7.214	43	224053	279.29	ug/l	98
26) 2,2-Dichloropropane	7.214	77	350475	47.34	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	280035	54.48	ug/l	97
28) Bromochloromethane	7.555	49	126551	50.74	ug/l	99
29) Tetrahydrofuran	7.561	42	150041	291.91	ug/l	97
30) Chloroform	7.714	83	449217	53.08	ug/l	97
31) Cyclohexane	7.985	56	297540	45.12	ug/l	99
32) 1,1,1-Trichloroethane	7.908	97	408883	49.87	ug/l	99
36) 1,1-Dichloropropene	8.114	75	313494	47.28	ug/l	99
37) Ethyl Acetate	7.297	43	109110	53.87	ug/l	100
38) Carbon Tetrachloride	8.097	117	371958	47.06	ug/l	98
39) Methylcyclohexane	9.361	83	376074	47.05	ug/l	96
40) Benzene	8.355	78	949672	50.96	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	69859m	61.34	ug/l	
42) 1,2-Dichloroethane	8.426	62	267919	51.12	ug/l	100
43) Isopropyl Acetate	8.455	43	205843	54.04	ug/l	99
44) Trichloroethene	9.114	130	283642	49.58	ug/l	98
45) 1,2-Dichloropropane	9.391	63	219734	51.52	ug/l	98
46) Dibromomethane	9.479	93	133726	53.25	ug/l	98
47) Bromodichloromethane	9.667	83	359254	52.85	ug/l	99
48) Methyl methacrylate	9.455	41	102801	52.16	ug/l #	86
49) 1,4-Dioxane	9.467	88	29938	1110.46	ug/l	91
51) 4-Methyl-2-Pentanone	10.232	43	535643	280.66	ug/l	100
52) Toluene	10.408	92	639433	51.19	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	311945	52.26	ug/l	94
54) cis-1,3-Dichloropropene	10.091	75	375693	52.80	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	187983	52.80	ug/l	97
56) Ethyl methacrylate	10.661	69	212278	57.84	ug/l	96
57) 1,3-Dichloropropane	10.949	76	312671	54.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	488855	265.88	ug/l	100
59) 2-Hexanone	10.985	43	373166	281.69	ug/l	96
60) Dibromochloromethane	11.144	129	261105	53.49	ug/l	99
61) 1,2-Dibromoethane	11.249	107	183700	54.00	ug/l	100
64) Tetrachloroethene	10.879	164	234188	46.90	ug/l	94
65) Chlorobenzene	11.673	112	694843	50.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	271281	51.59	ug/l	99
67) Ethyl Benzene	11.749	91	1203417	50.35	ug/l	100
68) m/p-Xylenes	11.855	106	937259	100.45	ug/l	100
69) o-Xylene	12.185	106	439264	51.99	ug/l	94
70) Styrene	12.196	104	757346	51.87	ug/l	100
71) Bromoform	12.361	173	146338	52.19	ug/l #	100
73) Isopropylbenzene	12.479	105	1193420	51.32	ug/l	99
74) N-amyl acetate	12.291	43	192407	53.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	192311	52.49	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	125540m	46.48	ug/l	
77) Bromobenzene	12.761	156	298395	53.13	ug/l	96
78) n-propylbenzene	12.820	91	1363023	50.00	ug/l	99
79) 2-Chlorotoluene	12.908	91	789135	51.00	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	997899	49.95	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	60028	49.86	ug/l	98
82) 4-Chlorotoluene	13.008	91	827778	50.28	ug/l	100
83) tert-Butylbenzene	13.226	119	857421	51.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	1015849	51.92	ug/l	99
85) sec-Butylbenzene	13.402	105	1149902	48.84	ug/l	100
86) p-Isopropyltoluene	13.514	119	1082024	49.52	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	538476	49.71	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	541831	49.56	ug/l	99
89) n-Butylbenzene	13.843	91	943619	47.99	ug/l	100
90) Hexachloroethane	14.114	117	205665	48.63	ug/l	97
91) 1,2-Dichlorobenzene	13.890	146	482489	51.31	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	32381	54.56	ug/l	91
93) 1,2,4-Trichlorobenzene	15.161	180	329146	51.39	ug/l	98
94) Hexachlorobutadiene	15.267	225	198025	48.31	ug/l	99
95) Naphthalene	15.402	128	589784	55.54	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	290706	52.86	ug/l	98

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

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