

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068212.D
 Acq On : 28 Jan 2021 09:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:59:11 AM

Quant Time: Jan 29 00:05:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	351831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	608680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	534241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	241082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153474	45.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.20%		
35) Dibromofluoromethane	7.914	113	155690	46.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.54%		
50) Toluene-d8	10.343	98	580889	43.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.32%		
62) 4-Bromofluorobenzene	12.632	95	207883	42.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	181702	43.48	ug/l	96
3) Chloromethane	2.209	50	216402	48.08	ug/l	97
4) Vinyl Chloride	2.350	62	259497	51.84	ug/l	98
5) Bromomethane	2.773	94	166572	48.52	ug/l	100
6) Chloroethane	2.926	64	160274	52.41	ug/l	97
7) Trichlorofluoromethane	3.279	101	304467	46.33	ug/l	94
8) Diethyl Ether	3.714	74	88816	45.91	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	185886	48.50	ug/l	92
10) Methyl Iodide	4.309	142	184627	43.39	ug/l	95
11) Tert butyl alcohol	5.220	59	58472	173.62	ug/l	99
12) 1,1-Dichloroethene	4.073	96	182839	47.43	ug/l	96
13) Acrolein	3.920	56	62368	235.15	ug/l	98
14) Allyl chloride	4.714	41	264623	47.20	ug/l	96
15) Acrylonitrile	5.420	53	193821	252.90	ug/l	99
16) Acetone	4.156	43	179514	298.71	ug/l	95
17) Carbon Disulfide	4.408	76	574963	46.31	ug/l	99
18) Methyl Acetate	4.714	43	81846	52.47	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	422286	47.39	ug/l	92
20) Methylene Chloride	4.967	84	208778	49.75	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	210375	47.54	ug/l	90
22) Diisopropyl ether	6.361	45	540137	47.74	ug/l	94
23) Vinyl Acetate	6.303	43	1474902	244.56	ug/l	96
24) 1,1-Dichloroethane	6.267	63	355812	48.54	ug/l	99
25) 2-Butanone	7.214	43	219415	242.48	ug/l	98
26) 2,2-Dichloropropane	7.208	77	323140	46.59	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	232881	48.47	ug/l	92
28) Bromochloromethane	7.550	49	124265	49.76	ug/l #	77
29) Tetrahydrofuran	7.561	42	140281	239.15	ug/l	95
30) Chloroform	7.714	83	363124	49.02	ug/l	95
31) Cyclohexane	7.985	56	324430	44.52	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	318295	47.68	ug/l	96
36) 1,1-Dichloropropene	8.114	75	292208	47.61	ug/l	97
37) Ethyl Acetate	7.285	43	105586	48.63	ug/l	97
38) Carbon Tetrachloride	8.097	117	269562	46.92	ug/l	98
39) Methylcyclohexane	9.355	83	372068	46.36	ug/l	97
40) Benzene	8.349	78	823505	47.98	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	62458m	47.66	ug/l	
42) 1,2-Dichloroethane	8.426	62	219608	47.89	ug/l	98
43) Isopropyl Acetate	8.449	43	210290	46.47	ug/l	95
44) Trichloroethene	9.114	130	222841	47.28	ug/l	97
45) 1,2-Dichloropropane	9.391	63	199677	47.51	ug/l	96
46) Dibromomethane	9.479	93	103381	48.55	ug/l	93
47) Bromodichloromethane	9.661	83	274104	47.70	ug/l	96
48) Methyl methacrylate	9.455	41	105670	46.92	ug/l	97
49) 1,4-Dioxane	9.461	88	23517	942.34	ug/l	88
51) 4-Methyl-2-Pentanone	10.232	43	496371	235.99	ug/l	98
52) Toluene	10.402	92	529779	47.38	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	270098	46.44	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	322941	46.65	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	146731	48.62	ug/l	93
56) Ethyl methacrylate	10.661	69	184529	45.90	ug/l	93
57) 1,3-Dichloropropane	10.949	76	254956	47.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	496539	267.65	ug/l	92
59) 2-Hexanone	10.985	43	363344	249.21	ug/l	96
60) Dibromochloromethane	11.143	129	178895	47.28	ug/l	99
61) 1,2-Dibromoethane	11.249	107	137788	46.27	ug/l	97
64) Tetrachloroethene	10.879	164	176790	46.95	ug/l	97
65) Chlorobenzene	11.673	112	541772	47.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	188469	47.20	ug/l	98
67) Ethyl Benzene	11.749	91	1006082	47.87	ug/l	98
68) m/p-Xylenes	11.855	106	757642	95.48	ug/l	99
69) o-Xylene	12.185	106	346660	47.04	ug/l	98
70) Styrene	12.196	104	593167	47.16	ug/l	99
71) Bromoform	12.361	173	94460	46.67	ug/l #	99
73) Isopropylbenzene	12.479	105	948935	47.30	ug/l	99
74) N-amyl acetate	12.290	43	190034	45.57	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	156942	49.19	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	101197m	43.41	ug/l	
77) Bromobenzene	12.761	156	204516	47.55	ug/l	88
78) n-propylbenzene	12.820	91	1147477	48.35	ug/l	97
79) 2-Chlorotoluene	12.908	91	632511	47.47	ug/l	95
80) 1,3,5-Trimethylbenzene	12.961	105	778452	46.59	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	52857	45.89	ug/l	97
82) 4-Chlorotoluene	13.008	91	659881	47.63	ug/l	96
83) tert-Butylbenzene	13.226	119	667161	47.13	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	774602	46.71	ug/l	99
85) sec-Butylbenzene	13.402	105	944187	47.68	ug/l	98
86) p-Isopropyltoluene	13.520	119	850406	47.21	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	392609	47.48	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	390762	47.96	ug/l	99
89) n-Butylbenzene	13.843	91	830845	48.07	ug/l	98
90) Hexachloroethane	14.114	117	152119	46.76	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	340092	48.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	23584	45.16	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	222713	45.87	ug/l	98
94) Hexachlorobutadiene	15.267	225	122729	45.59	ug/l	98
95) Naphthalene	15.402	128	424080	46.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	193433	47.23	ug/l	98

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

