

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
 Data File : VD068055.D
 Acq On : 12 Jan 2021 14:04
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:37:55 PM

Quant Time: Jan 13 03:37:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	531104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	822925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	746076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	356850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	212821	38.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.12%		
35) Dibromofluoromethane	7.920	113	228835	44.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.06%		
50) Toluene-d8	10.344	98	808154	42.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.06%		
62) 4-Bromofluorobenzene	12.632	95	286192	43.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	246575	46.04	ug/l	100
3) Chloromethane	2.209	50	213014	30.45	ug/l	100
4) Vinyl Chloride	2.350	62	242547	36.54	ug/l	100
5) Bromomethane	2.774	94	176512	36.52	ug/l	100
6) Chloroethane	2.926	64	147787	36.17	ug/l	100
7) Trichlorofluoromethane	3.279	101	461130	45.49	ug/l	100
8) Diethyl Ether	3.715	74	108322	38.57	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	252436	42.31	ug/l	100
10) Methyl Iodide	4.303	142	282965	53.88	ug/l	100
11) Tert butyl alcohol	5.226	59	70812	146.46	ug/l	100
12) 1,1-Dichloroethene	4.073	96	235699	41.48	ug/l	100
13) Acrolein	3.926	56	88605	220.26	ug/l	100
14) Allyl chloride	4.720	41	285804	29.76	ug/l	100
15) Acrylonitrile	5.426	53	225999	170.16	ug/l	100
16) Acetone	4.156	43	188673	177.83	ug/l	100
17) Carbon Disulfide	4.415	76	699544	36.20	ug/l	100
18) Methyl Acetate	4.720	43	94844	31.07	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	519625	43.83	ug/l	100
20) Methylene Chloride	4.968	84	287541	32.69	ug/l	100
21) trans-1,2-Dichloroethene	5.479	96	270257	40.22	ug/l	100
22) Diisopropyl ether	6.367	45	580392	30.04	ug/l	100
23) Vinyl Acetate	6.309	43	1584451	160.94	ug/l	100
24) 1,1-Dichloroethane	6.273	63	414060	34.47	ug/l	100
25) 2-Butanone	7.214	43	240641	157.88	ug/l	100
26) 2,2-Dichloropropane	7.214	77	414073	42.36	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	296045	41.06	ug/l	100
28) Bromochloromethane	7.556	49	130191	29.61	ug/l	100
29) Tetrahydrofuran	7.567	42	157624	153.97	ug/l	100
30) Chloroform	7.714	83	474822	39.74	ug/l	100
31) Cyclohexane	7.991	56	360650	32.28	ug/l	100
32) 1,1,1-Trichloroethane	7.909	97	458709	43.84	ug/l	100
36) 1,1-Dichloropropene	8.120	75	356581	41.75	ug/l	100
37) Ethyl Acetate	7.297	43	110958	33.16	ug/l	100
38) Carbon Tetrachloride	8.103	117	429897	50.47	ug/l	100
39) Methylcyclohexane	9.361	83	446046	44.72	ug/l	100
40) Benzene	8.356	78	1019275	41.25	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	68913	36.20	ug/l	100
42) 1,2-Dichloroethane	8.432	62	288467	42.72	ug/l	100
43) Isopropyl Acetate	8.456	43	219080	35.44	ug/l	100
44) Trichloroethene	9.114	130	305608	47.81	ug/l	100
45) 1,2-Dichloropropane	9.391	63	231091	37.17	ug/l	100
46) Dibromomethane	9.479	93	138931	44.58	ug/l	100
47) Bromodichloromethane	9.667	83	366061	43.85	ug/l	100
48) Methyl methacrylate	9.461	41	118328	36.92	ug/l	100
49) 1,4-Dioxane	9.467	88	32256	943.75	ug/l	100
51) 4-Methyl-2-Pentanone	10.232	43	561456	175.92	ug/l	100
52) Toluene	10.408	92	692007	44.80	ug/l	100
53) t-1,3-Dichloropropene	10.626	75	340767	45.03	ug/l	100
54) cis-1,3-Dichloropropene	10.097	75	396770	42.68	ug/l	100
55) 1,1,2-Trichloroethane	10.803	97	192254	44.21	ug/l	100
56) Ethyl methacrylate	10.667	69	219664	45.31	ug/l	100
57) 1,3-Dichloropropane	10.950	76	322948	42.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.950	63	522714	218.64	ug/l	100
59) 2-Hexanone	10.985	43	386342	183.18	ug/l	100
60) Dibromochloromethane	11.144	129	263359	48.17	ug/l	100
61) 1,2-Dibromoethane	11.250	107	190960	45.58	ug/l	100
64) Tetrachloroethene	10.879	164	255610	48.23	ug/l	100
65) Chlorobenzene	11.673	112	738086	45.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	280227	48.47	ug/l	100
67) Ethyl Benzene	11.750	91	1306224m	45.90	ug/l	
68) m/p-Xylenes	11.855	106	1013918	93.25	ug/l	100
69) o-Xylene	12.185	106	451489	46.54	ug/l	100
70) Styrene	12.197	104	808217	48.05	ug/l	100
71) Bromoform	12.361	173	147633	50.24	ug/l #	100
73) Isopropylbenzene	12.479	105	1293157	48.54	ug/l	100
74) N-amyl acetate	12.291	43	203100	35.42	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.732	83	198853	41.11	ug/l	100
76) 1,2,3-Trichloropropane	12.785	75	159631m	53.79	ug/l	
77) Bromobenzene	12.761	156	303241	49.66	ug/l	100
78) n-propylbenzene	12.820	91	1492457	45.66	ug/l	100
79) 2-Chlorotoluene	12.908	91	833569	45.16	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	1101409	49.68	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.532	75	65259	44.79	ug/l	100
82) 4-Chlorotoluene	13.008	91	879445	45.30	ug/l	100
83) tert-Butylbenzene	13.226	119	931338	50.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	1086580	49.09	ug/l	100
85) sec-Butylbenzene	13.402	105	1282038	48.20	ug/l	100
86) p-Isopropyltoluene	13.514	119	1187974	50.44	ug/l	100
87) 1,3-Dichlorobenzene	13.520	146	573831	47.40	ug/l	100
88) 1,4-Dichlorobenzene	13.597	146	565249	47.22	ug/l	100
89) n-Butylbenzene	13.844	91	1069140	46.45	ug/l	100
90) Hexachloroethane	14.114	117	226693	47.37	ug/l	100
91) 1,2-Dichlorobenzene	13.891	146	510797	49.82	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	31327	40.83	ug/l	100
93) 1,2,4-Trichlorobenzene	15.161	180	353385	56.29	ug/l	100
94) Hexachlorobutadiene	15.267	225	218832	58.59	ug/l	100
95) Naphthalene	15.402	128	609157	55.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	300908	55.57	ug/l	100

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

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