

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068675.D
 Acq On : 26 Mar 2021 10:38
 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
 3/29/2021 4:47:01 PM

Quant Time: Mar 27 00:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	328210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	484198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182412	55.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.24%			
35) Dibromofluoromethane	7.914	113	188617	56.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.66%			
50) Toluene-d8	10.338	98	767960	60.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.04%			
62) 4-Bromofluorobenzene	12.632	95	239815	57.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	117784	45.91	ug/l	100
3) Chloromethane	2.209	50	152220	48.16	ug/l	99
4) Vinyl Chloride	2.350	62	184689	49.43	ug/l	96
5) Bromomethane	2.767	94	119153	43.16	ug/l	97
6) Chloroethane	2.920	64	120358	49.18	ug/l	97
7) Trichlorofluoromethane	3.273	101	213922	48.03	ug/l	98
8) Diethyl Ether	3.709	74	56489	45.87	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	128507	48.22	ug/l	98
10) Methyl Iodide	4.303	142	122472	39.79	ug/l	98
11) Tert butyl alcohol	5.220	59	38037	249.42	ug/l	100
12) 1,1-Dichloroethene	4.067	96	122967	47.40	ug/l	98
13) Acrolein	3.932	56	28034	219.99	ug/l	98
14) Allyl chloride	4.714	41	150665	47.80	ug/l	99
15) Acrylonitrile	5.426	53	145013	241.91	ug/l	98
16) Acetone	4.156	43	113598	282.92	ug/l	100
17) Carbon Disulfide	4.409	76	403767	48.47	ug/l	99
18) Methyl Acetate	4.720	43	54387	49.28	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	318366	48.72	ug/l	97
20) Methylene Chloride	4.961	84	148097	41.94	ug/l #	97
21) trans-1,2-Dichloroethene	5.467	96	179343	49.72	ug/l	94
22) Diisopropyl ether	6.361	45	337983	42.19	ug/l	97
23) Vinyl Acetate	6.303	43	927681	217.97	ug/l	99
24) 1,1-Dichloroethane	6.261	63	259837	44.22	ug/l	99
25) 2-Butanone	7.208	43	163760	246.14	ug/l	93
26) 2,2-Dichloropropane	7.208	77	259587	49.66	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	191277	47.59	ug/l	98
28) Bromochloromethane	7.544	49	123184	53.02	ug/l	97
29) Tetrahydrofuran	7.567	42	99907	237.56	ug/l	98
30) Chloroform	7.708	83	300071	47.00	ug/l	98
31) Cyclohexane	7.985	56	260887	48.86	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	281526	49.39	ug/l	99
36) 1,1-Dichloropropene	8.114	75	246266	51.69	ug/l	98
37) Ethyl Acetate	7.297	43	71089	47.28	ug/l	94
38) Carbon Tetrachloride	8.097	117	245559	51.65	ug/l	99
39) Methylcyclohexane	9.355	83	310424	52.79	ug/l	97
40) Benzene	8.349	78	702763	50.56	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	47864m	54.40	ug/l	
42) 1,2-Dichloroethane	8.426	62	180339	49.58	ug/l	99
43) Isopropyl Acetate	8.455	43	144744	50.19	ug/l	99
44) Trichloroethene	9.114	130	198130	51.37	ug/l	91
45) 1,2-Dichloropropane	9.385	63	167347	50.32	ug/l	94
46) Dibromomethane	9.473	93	93624	49.51	ug/l	99
47) Bromodichloromethane	9.661	83	240653	49.61	ug/l	98
48) Methyl methacrylate	9.455	41	73714	50.44	ug/l	97
49) 1,4-Dioxane	9.461	88	21802	1037.58	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	376370	250.69	ug/l	98
52) Toluene	10.402	92	442855	50.34	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	226125	50.68	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	264059	49.83	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	128852	48.44	ug/l	96
56) Ethyl methacrylate	10.661	69	146610	51.01	ug/l	96
57) 1,3-Dichloropropane	10.943	76	215490	49.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	421299	287.70	ug/l	99
59) 2-Hexanone	10.985	43	273971	271.77	ug/l	98
60) Dibromochloromethane	11.143	129	160740	48.72	ug/l	99
61) 1,2-Dibromoethane	11.243	107	124491	48.49	ug/l	99
64) Tetrachloroethene	10.879	164	158124	50.38	ug/l	97
65) Chlorobenzene	11.673	112	477363	50.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	164662	48.03	ug/l	97
67) Ethyl Benzene	11.743	91	857449	51.58	ug/l	98
68) m/p-Xylenes	11.855	106	669902	103.43	ug/l	99
69) o-Xylene	12.179	106	305722	50.93	ug/l	100
70) Styrene	12.190	104	534074	51.77	ug/l	99
71) Bromoform	12.355	173	89189	49.32	ug/l #	99
73) Isopropylbenzene	12.479	105	853192	52.74	ug/l	100
74) N-amyl acetate	12.285	43	139201	51.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	141631	49.55	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	96835m	49.41	ug/l	
77) Bromobenzene	12.761	156	187432	49.39	ug/l	98
78) n-propylbenzene	12.820	91	1030046	53.48	ug/l	100
79) 2-Chlorotoluene	12.908	91	532207	50.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	682369	52.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	43518	50.52	ug/l	97
82) 4-Chlorotoluene	13.002	91	549542	48.94	ug/l	99
83) tert-Butylbenzene	13.220	119	583146	52.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	719873	53.26	ug/l	99
85) sec-Butylbenzene	13.396	105	851359	52.52	ug/l	100
86) p-Isopropyltoluene	13.514	119	794254	53.84	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	380804	50.32	ug/l	97
88) 1,4-Dichlorobenzene	13.590	146	369633	49.69	ug/l	99
89) n-Butylbenzene	13.837	91	757154	54.07	ug/l	100
90) Hexachloroethane	14.108	117	146161	55.08	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	321167	49.96	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	19855	48.55	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	216144	51.75	ug/l	96
94) Hexachlorobutadiene	15.261	225	124285	52.11	ug/l	99
95) Naphthalene	15.396	128	375330	51.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	180309	50.70	ug/l	98

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

