

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070177.D
 Acq On : 19 Aug 2021 19:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:13 PM

Quant Time: Aug 20 05:48:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	439852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	795973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	786206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	385686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277649	53.669	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.340%			
35) Dibromofluoromethane	7.908	113	277386	53.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.332	98	1054235	52.708	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.626	95	353301	53.628	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	183301	42.483	ug/l	96
3) Chloromethane	2.209	50	286636	46.710	ug/l	99
4) Vinyl Chloride	2.344	62	303427	40.761	ug/l	100
5) Bromomethane	2.756	94	209501	51.419	ug/l	91
6) Chloroethane	2.914	64	227555	47.850	ug/l	97
7) Trichlorofluoromethane	3.267	101	392537	43.904	ug/l	99
8) Diethyl Ether	3.709	74	129665	50.676	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	255746	44.962	ug/l	99
10) Methyl Iodide	4.297	142	239769	46.103	ug/l	99
11) Tert butyl alcohol	5.226	59	69039	241.441	ug/l	97
12) 1,1-Dichloroethene	4.061	96	238865	45.710	ug/l	98
13) Acrolein	3.926	56	76144	231.179	ug/l	97
14) Allyl chloride	4.708	41	362016	46.429	ug/l	97
15) Acrylonitrile	5.414	53	319155	269.001	ug/l	99
16) Acetone	4.156	43	241624	253.536	ug/l	97
17) Carbon Disulfide	4.409	76	839691	44.444	ug/l	100
18) Methyl Acetate	4.714	43	163876	57.675	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	574392	52.962	ug/l	98
20) Methylene Chloride	4.961	84	374533	59.156	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	293035	48.276	ug/l	94
22) Diisopropyl ether	6.361	45	875184	53.369	ug/l	98
23) Vinyl Acetate	6.303	43	2036586	274.032	ug/l	100
24) 1,1-Dichloroethane	6.261	63	562778	50.159	ug/l	98
25) 2-Butanone	7.208	43	365036	280.315	ug/l	99
26) 2,2-Dichloropropane	7.202	77	398105	45.571	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	337235	52.316	ug/l	97
28) Bromochloromethane	7.544	49	221873	54.342	ug/l	99
29) Tetrahydrofuran	7.561	42	241823	283.593	ug/l	98
30) Chloroform	7.702	83	556574	50.441	ug/l	97
31) Cyclohexane	7.979	56	440550	43.024	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	448749	48.667	ug/l	99
36) 1,1-Dichloropropene	8.114	75	381059	44.501	ug/l	99
37) Ethyl Acetate	7.291	43	171476	55.132	ug/l	99
38) Carbon Tetrachloride	8.091	117	360995	46.436	ug/l	91
39) Methylcyclohexane	9.349	83	432386	43.369	ug/l	97
40) Benzene	8.344	78	1264563	50.915	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	90842	54.022	ug/l	96
42) 1,2-Dichloroethane	8.420	62	336791	52.910	ug/l	99
43) Isopropyl Acetate	8.449	43	310355	53.448	ug/l	99
44) Trichloroethene	9.108	130	299506	49.919	ug/l	95
45) 1,2-Dichloropropane	9.379	63	319611	49.541	ug/l	98
46) Dibromomethane	9.473	93	175986	56.163	ug/l	97
47) Bromodichloromethane	9.655	83	438456	54.084	ug/l	100
48) Methyl methacrylate	9.455	41	158655	57.296	ug/l	97
49) 1,4-Dioxane	9.461	88	37978	1113.696	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	885840	293.394	ug/l	100
52) Toluene	10.396	92	790455	52.288	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	365884	50.952	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	434951	49.904	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	244074	54.975	ug/l	97
56) Ethyl methacrylate	10.655	69	289115	57.224	ug/l	99
57) 1,3-Dichloropropane	10.938	76	421023	54.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	822288	308.578	ug/l	99
59) 2-Hexanone	10.979	43	591874	292.713	ug/l	100
60) Dibromochloromethane	11.132	129	282216	55.489	ug/l	98
61) 1,2-Dibromoethane	11.238	107	228412	56.828	ug/l	99
64) Tetrachloroethene	10.873	164	242518	47.815	ug/l	99
65) Chlorobenzene	11.661	112	815719	49.659	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	298505	51.171	ug/l	99
67) Ethyl Benzene	11.738	91	1466826	50.504	ug/l	99
68) m/p-Xylenes	11.849	106	1158009	102.885	ug/l	96
69) o-Xylene	12.173	106	519668	51.170	ug/l	99
70) Styrene	12.185	104	948754	53.340	ug/l	99
71) Bromoform	12.349	173	153146	53.883	ug/l #	97
73) Isopropylbenzene	12.473	105	1342595	47.736	ug/l	98
74) N-amyl acetate	12.279	43	306156	50.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	287017	51.145	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	185624m	47.457	ug/l	
77) Bromobenzene	12.749	156	308645	49.442	ug/l	98
78) n-propylbenzene	12.808	91	1750108	48.250	ug/l	100
79) 2-Chlorotoluene	12.896	91	1000717	47.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1168403	48.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	73445	48.739	ug/l	95
82) 4-Chlorotoluene	12.996	91	1053333	48.205	ug/l	100
83) tert-Butylbenzene	13.214	119	937379	48.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1174886	49.465	ug/l	100
85) sec-Butylbenzene	13.390	105	1472825	47.234	ug/l	99
86) p-Isopropyltoluene	13.502	119	1211803	48.104	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	637774	48.085	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	627943	47.799	ug/l	99
89) n-Butylbenzene	13.832	91	1167823	47.241	ug/l	99
90) Hexachloroethane	14.096	117	246906	46.446	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	560392	49.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	41070	48.996	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	310588	49.142	ug/l	98
94) Hexachlorobutadiene	15.255	225	168667	45.178	ug/l	97
95) Naphthalene	15.384	128	601335	52.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	273574	49.587	ug/l	100

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

