

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069470.D
 Acq On : 17 Jun 2021 10:23
 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
 6/18/2021 2:22:19 PM

Quant Time: Jun 18 01:23:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	429058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	682527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	626906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	311319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224108	46.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.600%		
35) Dibromofluoromethane	7.914	113	247148	48.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.700%		
50) Toluene-d8	10.338	98	958789	51.279	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.560%		
62) 4-Bromofluorobenzene	12.626	95	304446	50.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	218549	51.127	ug/l	100
3) Chloromethane	2.209	50	188708	44.131	ug/l	99
4) Vinyl Chloride	2.350	62	258667	50.015	ug/l	95
5) Bromomethane	2.762	94	183216	46.609	ug/l	93
6) Chloroethane	2.920	64	176803	49.689	ug/l	98
7) Trichlorofluoromethane	3.267	101	416051	49.184	ug/l	99
8) Diethyl Ether	3.703	74	102501	48.265	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	251820	50.060	ug/l	98
10) Methyl Iodide	4.297	142	231389	44.932	ug/l	99
11) Tert butyl alcohol	5.226	59	56948	226.298	ug/l	97
12) 1,1-Dichloroethene	4.067	96	229334	50.398	ug/l	98
13) Acrolein	3.920	56	87526	278.994	ug/l	91
14) Allyl chloride	4.714	41	280496	52.410	ug/l	97
15) Acrylonitrile	5.420	53	202635	248.336	ug/l	98
16) Acetone	4.156	43	217502	271.468	ug/l	100
17) Carbon Disulfide	4.409	76	738992	50.205	ug/l	99
18) Methyl Acetate	4.720	43	94746	48.509	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	424804	51.203	ug/l	99
20) Methylene Chloride	4.961	84	274895	46.435	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	269341	50.554	ug/l	98
22) Diisopropyl ether	6.361	45	557461	52.387	ug/l	96
23) Vinyl Acetate	6.308	43	1611718	236.552	ug/l	100
24) 1,1-Dichloroethane	6.261	63	430094	48.551	ug/l	99
25) 2-Butanone	7.208	43	263306	263.553	ug/l	99
26) 2,2-Dichloropropane	7.208	77	409552	52.472	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	283627	49.182	ug/l	100
28) Bromochloromethane	7.544	49	169267	52.159	ug/l	97
29) Tetrahydrofuran	7.561	42	145431	258.669	ug/l	99
30) Chloroform	7.708	83	463912	47.001	ug/l	99
31) Cyclohexane	7.985	56	344415	52.362	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	427818	49.340	ug/l	99
36) 1,1-Dichloropropene	8.108	75	371341	52.249	ug/l	100
37) Ethyl Acetate	7.291	43	117258	49.315	ug/l	98
38) Carbon Tetrachloride	8.097	117	388135	50.415	ug/l	97
39) Methylcyclohexane	9.355	83	396101	55.409	ug/l	96
40) Benzene	8.349	78	1032272	49.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	65982m	55.779	ug/l	
42) 1,2-Dichloroethane	8.420	62	262263	46.207	ug/l	98
43) Isopropyl Acetate	8.449	43	217195	48.308	ug/l	99
44) Trichloroethene	9.114	130	278070	48.202	ug/l	95
45) 1,2-Dichloropropane	9.385	63	246915	48.899	ug/l	98
46) Dibromomethane	9.473	93	137936	47.675	ug/l	97
47) Bromodichloromethane	9.661	83	354024	47.459	ug/l	98
48) Methyl methacrylate	9.455	41	111691	54.626	ug/l	97
49) 1,4-Dioxane	9.461	88	29736	1055.387	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	587654	256.184	ug/l	99
52) Toluene	10.402	92	674845	51.380	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	319317	49.976	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	378104	49.227	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	192210	48.061	ug/l	99
56) Ethyl methacrylate	10.661	69	212646	46.756	ug/l	96
57) 1,3-Dichloropropane	10.943	76	319217	49.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	594395	258.109	ug/l	100
59) 2-Hexanone	10.979	43	429062	280.216	ug/l	100
60) Dibromochloromethane	11.138	129	239380	46.965	ug/l	99
61) 1,2-Dibromoethane	11.243	107	184243	47.959	ug/l	99
64) Tetrachloroethene	10.873	164	238452	49.181	ug/l	99
65) Chlorobenzene	11.667	112	702858	50.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	266005	50.260	ug/l	98
67) Ethyl Benzene	11.738	91	1273590	55.075	ug/l	98
68) m/p-Xylenes	11.849	106	998195	108.669	ug/l	99
69) o-Xylene	12.173	106	442594	54.454	ug/l	99
70) Styrene	12.190	104	779810	54.528	ug/l	99
71) Bromoform	12.355	173	133468	48.711	ug/l #	98
73) Isopropylbenzene	12.473	105	1233898	56.375	ug/l	99
74) N-amyl acetate	12.285	43	206490	52.590	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	208457	49.606	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	152595m	48.347	ug/l	
77) Bromobenzene	12.755	156	274233	49.972	ug/l	98
78) n-propylbenzene	12.814	91	1516135	56.446	ug/l	100
79) 2-Chlorotoluene	12.902	91	819953	53.703	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	1048437	56.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	61988	52.394	ug/l	95
82) 4-Chlorotoluene	12.996	91	875702	53.891	ug/l	99
83) tert-Butylbenzene	13.214	119	882847	56.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1034891	56.100	ug/l	100
85) sec-Butylbenzene	13.396	105	1308718	56.673	ug/l	99
86) p-Isopropyltoluene	13.508	119	1143258	56.988	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	561848	51.122	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	547991	50.057	ug/l	99
89) n-Butylbenzene	13.837	91	1070005	57.335	ug/l	99
90) Hexachloroethane	14.102	117	201714	51.657	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	483281	50.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	30764	48.612	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	291044	52.166	ug/l	99
94) Hexachlorobutadiene	15.255	225	189518	54.324	ug/l	100
95) Naphthalene	15.390	128	510889	47.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	255296	52.704	ug/l	99

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

