

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069317.D
 Acq On : 03 Jun 2021 11:22
 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
 6/4/2021 4:32:40 PM

Quant Time: Jun 04 02:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	456539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	697212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	654963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185156	42.267	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.540%		
35) Dibromofluoromethane	7.914	113	203116	46.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.780%		
50) Toluene-d8	10.338	98	764641	48.027	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.060%		
62) 4-Bromofluorobenzene	12.626	95	254429	48.770	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	239260	49.787	ug/l	98
3) Chloromethane	2.209	50	193569	53.356	ug/l	95
4) Vinyl Chloride	2.350	62	211404	57.199	ug/l	99
5) Bromomethane	2.773	94	144811	53.706	ug/l	95
6) Chloroethane	2.926	64	115635	54.829	ug/l	96
7) Trichlorofluoromethane	3.273	101	442484	51.472	ug/l	98
8) Diethyl Ether	3.709	74	103247	48.886	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	265695	52.485	ug/l	98
10) Methyl Iodide	4.303	142	248055	48.090	ug/l	98
11) Tert butyl alcohol	5.220	59	61178	225.207	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	235503	51.430	ug/l	98
13) Acrolein	3.920	56	69286	237.816	ug/l	93
14) Allyl chloride	4.714	41	280813	50.827	ug/l	98
15) Acrylonitrile	5.426	53	199387	242.168	ug/l	99
16) Acetone	4.161	43	218646	286.018	ug/l	100
17) Carbon Disulfide	4.414	76	760908	50.251	ug/l	99
18) Methyl Acetate	4.726	43	91081	44.028	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	423514	50.359	ug/l	99
20) Methylene Chloride	4.961	84	282406	50.559	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	276610	51.004	ug/l	92
22) Diisopropyl ether	6.361	45	554736	52.279	ug/l	94
23) Vinyl Acetate	6.308	43	1596703	236.171	ug/l	98
24) 1,1-Dichloroethane	6.261	63	439615	49.510	ug/l	99
25) 2-Butanone	7.208	43	260377	258.847	ug/l	94
26) 2,2-Dichloropropane	7.208	77	425082	51.952	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	293587	51.110	ug/l	99
28) Bromochloromethane	7.544	49	139643	45.359	ug/l	97
29) Tetrahydrofuran	7.567	42	143441	248.096	ug/l	97
30) Chloroform	7.714	83	486882	50.156	ug/l	95
31) Cyclohexane	7.985	56	346850	49.830	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	450276	51.399	ug/l	99
36) 1,1-Dichloropropene	8.114	75	382950	56.508	ug/l	98
37) Ethyl Acetate	7.291	43	111579	48.490	ug/l	96
38) Carbon Tetrachloride	8.097	117	410678	56.127	ug/l	93
39) Methylcyclohexane	9.355	83	412128	59.448	ug/l	96
40) Benzene	8.349	78	1057422	53.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	54941	49.178	ug/l	97
42) 1,2-Dichloroethane	8.426	62	268667	51.150	ug/l	100
43) Isopropyl Acetate	8.449	43	211632	50.535	ug/l	97
44) Trichloroethene	9.114	130	292337	54.666	ug/l	95
45) 1,2-Dichloropropane	9.391	63	252588	53.901	ug/l	97
46) Dibromomethane	9.473	93	140490	52.452	ug/l	95
47) Bromodichloromethane	9.661	83	359926	52.112	ug/l	94
48) Methyl methacrylate	9.455	41	109425	56.281	ug/l	96
49) 1,4-Dioxane	9.461	88	27753	1054.816	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	582517	269.307	ug/l	99
52) Toluene	10.402	92	690148	55.553	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	323213	52.399	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	389873	53.014	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	192502	51.812	ug/l	99
56) Ethyl methacrylate	10.661	69	215463	50.805	ug/l	95
57) 1,3-Dichloropropane	10.943	76	318821	52.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	492414	283.043	ug/l	99
59) 2-Hexanone	10.985	43	422405	292.139	ug/l	99
60) Dibromochloromethane	11.138	129	248335	53.046	ug/l	97
61) 1,2-Dibromoethane	11.243	107	184391	52.029	ug/l	100
64) Tetrachloroethene	10.873	164	260192	57.073	ug/l	96
65) Chlorobenzene	11.667	112	718533	53.684	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	270509	53.941	ug/l	99
67) Ethyl Benzene	11.743	91	1326883	57.702	ug/l	96
68) m/p-Xylenes	11.849	106	1032168	114.551	ug/l	100
69) o-Xylene	12.179	106	459512	57.660	ug/l	99
70) Styrene	12.190	104	810257	58.569	ug/l	99
71) Bromoform	12.355	173	139104	53.480	ug/l #	100
73) Isopropylbenzene	12.479	105	1272375	58.222	ug/l	99
74) N-amyl acetate	12.285	43	201502	52.211	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	206698	50.664	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	134660m	48.537	ug/l	
77) Bromobenzene	12.755	156	284600	54.076	ug/l	98
78) n-propylbenzene	12.814	91	1561253	58.250	ug/l	100
79) 2-Chlorotoluene	12.902	91	846105	55.534	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1072608	57.952	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	62671	50.058	ug/l	95
82) 4-Chlorotoluene	13.002	91	884333	55.172	ug/l	99
83) tert-Butylbenzene	13.220	119	906761	58.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1058055	57.480	ug/l	99
85) sec-Butylbenzene	13.396	105	1339366	58.544	ug/l	100
86) p-Isopropyltoluene	13.508	119	1176552	58.816	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	573031	53.802	ug/l	100
88) 1,4-Dichlorobenzene	13.590	146	560657	52.816	ug/l	99
89) n-Butylbenzene	13.837	91	1104650	59.021	ug/l	99
90) Hexachloroethane	14.102	117	203579	53.572	ug/l	98
91) 1,2-Dichlorobenzene	13.884	146	486188	52.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	31882	49.057	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	298363	54.183	ug/l	99
94) Hexachlorobutadiene	15.261	225	193231	55.891	ug/l	99
95) Naphthalene	15.390	128	512678	47.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	256464	52.916	ug/l	98

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

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