

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069496.D
 Acq On : 21 Jun 2021 12:09
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:12:10 PM

Quant Time: Jun 22 04:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:03:00 2021
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			7.979	168	607223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.861	114	1029480	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.638	117	973873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.567	152	451964	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.332	65	730030	98.708	ug/l	0.00
Spiked Amount 50.000			Range	50 - 163	Recovery	= 197.420%#		
35) Dibromofluoromethane			7.914	113	706673	101.601	ug/l	0.00
Spiked Amount 50.000			Range	54 - 147	Recovery	= 203.200%#		
50) Toluene-d8			10.338	98	2802611	107.871	ug/l	0.00
Spiked Amount 50.000			Range	49 - 140	Recovery	= 215.740%#		
62) 4-Bromofluorobenzene			12.626	95	931530	109.502	ug/l	0.00
Spiked Amount 50.000			Range	25 - 144	Recovery	= 219.000%#		
Target Compounds								Qvalue
2) Dichlorodifluoromethane			1.985	85	564007	97.627	ug/l	99
3) Chloromethane			2.209	50	830401	98.648	ug/l	99
4) Vinyl Chloride			2.344	62	944370	99.544	ug/l	98
5) Bromomethane			2.750	94	568776	92.486	ug/l	96
6) Chloroethane			2.915	64	619721	98.676	ug/l	98
7) Trichlorofluoromethane			3.267	101	1102162	97.753	ug/l	97
8) Diethyl Ether			3.709	74	323694	108.967	ug/l	99
9) 1,1,2-Trichlorotrifluo...			4.091	101	664142	96.853	ug/l	98
10) Methyl Iodide			4.297	142	687345	127.688	ug/l	100
11) Tert butyl alcohol			5.214	59	183738	355.045	ug/l #	89
12) 1,1-Dichloroethene			4.067	96	626522	103.051	ug/l	98
13) Acrolein			3.920	56	243015	587.020	ug/l	100
14) Allyl chloride			4.709	41	928426	111.483	ug/l	100
15) Acrylonitrile			5.414	53	645444	517.875	ug/l	99
16) Acetone			4.156	43	600926	470.266	ug/l	98
17) Carbon Disulfide			4.409	76	2023514	101.848	ug/l	99
18) Methyl Acetate			4.714	43	309928	88.235	ug/l	99
19) Methyl tert-butyl Ether			5.479	73	1296442	111.837	ug/l	99
20) Methylene Chloride			4.962	84	787039	76.209	ug/l	97
21) trans-1,2-Dichloroethene			5.467	96	752423	104.960	ug/l	96
22) Diisopropyl ether			6.361	45	1884165	111.847	ug/l	97
23) Vinyl Acetate			6.303	43	5678646	617.548	ug/l	100
24) 1,1-Dichloroethane			6.261	63	1347530	100.982	ug/l	99
25) 2-Butanone			7.208	43	846890	533.857	ug/l	98
26) 2,2-Dichloropropane			7.203	77	1108297	102.057	ug/l	100
27) cis-1,2-Dichloroethene			7.208	96	839401	107.260	ug/l	99
28) Bromochloromethane			7.550	49	538443	102.228	ug/l	99
29) Tetrahydrofuran			7.561	42	478073	547.388	ug/l	98
30) Chloroform			7.708	83	1402375	99.790	ug/l	97
31) Cyclohexane			7.979	56	1029836	101.636	ug/l	94
32) 1,1,1-Trichloroethane			7.903	97	1181353	101.254	ug/l	99
36) 1,1-Dichloropropene			8.114	75	1075817	106.284	ug/l	99
37) Ethyl Acetate			7.291	43	395856	107.649	ug/l	98
38) Carbon Tetrachloride			8.091	117	1027255	102.567	ug/l	99
39) Methylcyclohexane			9.355	83	1145767	113.560	ug/l	98
40) Benzene			8.350	78	3057035	105.757	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	231044	111.596	ug/l	91
42) 1,2-Dichloroethane	8.420	62	858568	102.746	ug/l	100
43) Isopropyl Acetate	8.450	43	725084	107.752	ug/l	98
44) Trichloroethene	9.108	130	765613	104.636	ug/l	98
45) 1,2-Dichloropropane	9.385	63	773818	104.311	ug/l	99
46) Dibromomethane	9.473	93	401368	102.659	ug/l	98
47) Bromodichloromethane	9.661	83	1070942	102.217	ug/l	97
48) Methyl methacrylate	9.455	41	347031	108.142	ug/l	97
49) 1,4-Dioxane	9.461	88	84223	2208.189	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	1938973	545.910	ug/l	100
52) Toluene	10.402	92	1949197	109.165	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	979882	108.943	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	1173408	108.235	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	554064	101.866	ug/l	99
56) Ethyl methacrylate	10.655	69	680719	117.828	ug/l	99
57) 1,3-Dichloropropane	10.944	76	972103	106.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1783781	577.329	ug/l	99
59) 2-Hexanone	10.979	43	1337101	560.299	ug/l	99
60) Dibromochloromethane	11.138	129	673163	104.640	ug/l	100
61) 1,2-Dibromoethane	11.244	107	521619	102.112	ug/l	98
64) Tetrachloroethene	10.873	164	615200	99.692	ug/l	98
65) Chlorobenzene	11.667	112	1993828	103.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	726224	103.951	ug/l	100
67) Ethyl Benzene	11.738	91	3757342	111.733	ug/l	99
68) m/p-Xylenes	11.849	106	2825479	222.072	ug/l	99
69) o-Xylene	12.173	106	1300177	114.483	ug/l	97
70) Styrene	12.191	104	2306106	114.882	ug/l	99
71) Bromoform	12.355	173	362032	102.171	ug/l #	98
73) Isopropylbenzene	12.473	105	3512580	113.682	ug/l	99
74) N-amyl acetate	12.285	43	715663	114.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	622024	100.477	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	447449m	112.127	ug/l	
77) Bromobenzene	12.755	156	749809	105.765	ug/l	97
78) n-propylbenzene	12.814	91	4385364	112.786	ug/l	100
79) 2-Chlorotoluene	12.902	91	2476128	111.580	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	2984244	114.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	190004	110.219	ug/l	98
82) 4-Chlorotoluene	12.996	91	2622808	109.756	ug/l	100
83) tert-Butylbenzene	13.214	119	2422025	113.420	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	2968836	114.744	ug/l	99
85) sec-Butylbenzene	13.390	105	3664266	111.783	ug/l	100
86) p-Isopropyltoluene	13.508	119	3162384	115.177	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1510275	104.822	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1475771	102.646	ug/l	100
89) n-Butylbenzene	13.832	91	3112823	113.212	ug/l	99
90) Hexachloroethane	14.102	117	552959	103.017	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	1313317	104.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	94507	101.356	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	772293	111.589	ug/l	99
94) Hexachlorobutadiene	15.255	225	448133	102.617	ug/l	99
95) Naphthalene	15.390	128	1482431	119.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	667317	108.914	ug/l	98

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

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