

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071076.D
 Acq On : 29 Nov 2021 17:07
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 29 17:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 16:57:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	330935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	497969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	241611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	360185	101.559	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.120%#			
35) Dibromofluoromethane	7.914	113	336048	106.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 213.240%#			
50) Toluene-d8	10.338	98	1246411	101.862	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 203.720%#			
62) 4-Bromofluorobenzene	12.626	95	449180	102.324	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 204.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	263305	93.510	ug/l	95
3) Chloromethane	2.215	50	356305	104.220	ug/l	99
4) Vinyl Chloride	2.356	62	415281	122.894	ug/l	98
5) Bromomethane	2.767	94	286717	122.739	ug/l	97
6) Chloroethane	2.926	64	288408	130.530	ug/l	92
7) Trichlorofluoromethane	3.279	101	559868	106.250	ug/l	95
8) Diethyl Ether	3.714	74	165011	97.786	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	333731	103.447	ug/l	97
10) Methyl Iodide	4.303	142	400284	126.695	ug/l	97
11) Tert butyl alcohol	5.214	59	116446	450.145	ug/l #	83
12) 1,1-Dichloroethene	4.073	96	309610	99.465	ug/l	86
13) Acrolein	3.920	56	132427	1155.656	ug/l	99
14) Allyl chloride	4.720	41	611032	95.321	ug/l #	81
15) Acrylonitrile	5.420	53	398881	497.323	ug/l	96
16) Acetone	4.156	43	519852	591.648	ug/l #	88
17) Carbon Disulfide	4.414	76	881299	88.955	ug/l	98
18) Methyl Acetate	4.720	43	291771	99.148	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	815685	102.212	ug/l	96
20) Methylene Chloride	4.967	84	373435	84.927	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	353477	99.062	ug/l	90
22) Diisopropyl ether	6.367	45	1267395	99.302	ug/l	95
23) Vinyl Acetate	6.308	43	3190302	522.720	ug/l	97
24) 1,1-Dichloroethane	6.267	63	696735	100.696	ug/l	99
25) 2-Butanone	7.208	43	590106	539.678	ug/l #	89
26) 2,2-Dichloropropane	7.208	77	624520	105.682	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	411454	100.443	ug/l	92
28) Bromochloromethane	7.550	49	295015	100.815	ug/l	91
29) Tetrahydrofuran	7.561	42	332103	480.692	ug/l	93
30) Chloroform	7.708	83	711136	106.993	ug/l	99
31) Cyclohexane	7.985	56	621150	86.872	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	635357	110.369	ug/l	96
36) 1,1-Dichloropropene	8.114	75	526720	107.107	ug/l	98
37) Ethyl Acetate	7.297	43	240475	110.625	ug/l #	92
38) Carbon Tetrachloride	8.097	117	541506	117.991	ug/l	96
39) Methylcyclohexane	9.355	83	646834	102.927	ug/l	96
40) Benzene	8.350	78	1478106	107.456	ug/l	99

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41) Methacrylonitrile	7.520	41	133599	91.173	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	459680	117.163	ug/l	94
43) Isopropyl Acetate	8.450	43	486736	105.644	ug/l #	89
44) Trichloroethene	9.114	130	389182	108.977	ug/l	95
45) 1,2-Dichloropropane	9.385	63	392566	105.632	ug/l	98
46) Dibromomethane	9.473	93	206151	116.229	ug/l	95
47) Bromodichloromethane	9.661	83	554092	117.258	ug/l	97
48) Methyl methacrylate	9.455	41	239031	105.471	ug/l #	79
49) 1,4-Dioxane	9.461	88	39918	1991.739	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	1224786	546.815	ug/l	91
52) Toluene	10.402	92	959282	110.174	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	513328	108.955	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	597419	107.215	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	266194	109.725	ug/l	96
56) Ethyl methacrylate	10.655	69	361361	107.910	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	487006	110.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	886327	510.283	ug/l	99
59) 2-Hexanone	10.979	43	942254	576.128	ug/l	88
60) Dibromochloromethane	11.138	129	340778	116.569	ug/l	99
61) 1,2-Dibromoethane	11.243	107	261156	111.021	ug/l	100
64) Tetrachloroethene	10.873	164	318587	107.781	ug/l	97
65) Chlorobenzene	11.667	112	983635	109.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	370892	116.249	ug/l	98
67) Ethyl Benzene	11.738	91	1901659	111.935	ug/l	100
68) m/p-Xylenes	11.849	106	1442101	226.206	ug/l	95
69) o-Xylene	12.173	106	683775	113.401	ug/l	96
70) Styrene	12.185	104	1172973	114.586	ug/l	96
71) Bromoform	12.355	173	194062	117.108	ug/l #	99
73) Isopropylbenzene	12.473	105	1864818	106.446	ug/l	99
74) N-amyl acetate	12.279	43	474527	98.324	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	302525	101.974	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	271661m	131.276	ug/l	
77) Bromobenzene	12.755	156	388850	103.838	ug/l	95
78) n-propylbenzene	12.814	91	2300898	105.789	ug/l	100
79) 2-Chlorotoluene	12.902	91	1290657	104.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1544385	106.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	96371	100.831	ug/l #	78
82) 4-Chlorotoluene	12.996	91	1352670	105.986	ug/l	99
83) tert-Butylbenzene	13.214	119	1314640	105.542	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	1540161	108.781	ug/l	98
85) sec-Butylbenzene	13.390	105	2018146	107.560	ug/l	99
86) p-Isopropyltoluene	13.508	119	1681457	111.183	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	809258	109.776	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	789434	107.105	ug/l	99
89) n-Butylbenzene	13.832	91	1635374	108.102	ug/l	99
90) Hexachloroethane	14.102	117	318404	107.223	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	681456	107.490	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	49444	102.170	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	422504	104.198	ug/l	98
94) Hexachlorobutadiene	15.249	225	229727	110.338	ug/l	98
95) Naphthalene	15.384	128	780348	102.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	359989	105.828	ug/l	98

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

