

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005394.D
 Acq On : 09 Jul 2021 12:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:46:31 PM

Quant Time: Jul 10 07:32:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:30:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	327179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	468755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	434777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150994	49.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.520%		
35) Dibromofluoromethane	7.722	113	138147	50.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.440%		
50) Toluene-d8	10.185	98	573395	48.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.483	95	197034	49.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	138386	47.474	ug/l	100
3) Chloromethane	2.113	50	140966	47.530	ug/l	100
4) Vinyl Chloride	2.253	62	180513	49.207	ug/l	100
5) Bromomethane	2.644	94	126274	46.262	ug/l	100
6) Chloroethane	2.790	64	112147	48.740	ug/l	100
7) Trichlorofluoromethane	3.125	101	260442	48.216	ug/l	100
8) Diethyl Ether	3.534	74	93630	49.980	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	143178	47.140	ug/l	100
10) Methyl Iodide	4.095	142	193689	52.399	ug/l	100
11) Tert butyl alcohol	4.972	59	92656	211.590	ug/l	100
12) 1,1-Dichloroethene	3.875	96	152968	49.042	ug/l	100
13) Acrolein	3.735	56	51771	225.509	ug/l	100
14) Allyl chloride	4.485	41	214753	49.493	ug/l	100
15) Acrylonitrile	5.174	53	217719	255.372	ug/l	100
16) Acetone	3.954	43	165930	252.827	ug/l	100
17) Carbon Disulfide	4.198	76	475293	48.816	ug/l	100
18) Methyl Acetate	4.485	43	91356	50.227	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	430645	51.014	ug/l	100
20) Methylene Chloride	4.722	84	189079	41.595	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	171048	49.208	ug/l	100
22) Diisopropyl ether	6.125	45	430041	49.749	ug/l	100
23) Vinyl Acetate	6.064	43	1463669	255.903	ug/l	100
24) 1,1-Dichloroethane	6.027	63	269147	49.329	ug/l	100
25) 2-Butanone	6.996	43	267992	259.144	ug/l	100
26) 2,2-Dichloropropane	6.984	77	244975	48.382	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	190262	49.423	ug/l	100
28) Bromochloromethane	7.338	49	104778	51.162	ug/l	100
29) Tetrahydrofuran	7.356	42	177315	258.479	ug/l	100
30) Chloroform	7.515	83	287704	49.195	ug/l	100
31) Cyclohexane	7.789	56	252612	46.501	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	268649	49.616	ug/l	100
36) 1,1-Dichloropropene	7.923	75	225955	49.375	ug/l	100
37) Ethyl Acetate	7.082	43	116297	50.542	ug/l	100
38) Carbon Tetrachloride	7.905	117	251380	49.135	ug/l	100
39) Methylcyclohexane	9.185	83	293865	48.799	ug/l	100
40) Benzene	8.161	78	665391	49.608	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	69333m	51.436	ug/l	
42) 1,2-Dichloroethane	8.240	62	194732	50.270	ug/l	100
43) Isopropyl Acetate	8.277	43	218880	51.859	ug/l	100
44) Trichloroethene	8.941	130	193629	49.052	ug/l	100
45) 1,2-Dichloropropane	9.222	63	154816	49.405	ug/l	100
46) Dibromomethane	9.307	93	93098	50.705	ug/l	100
47) Bromodichloromethane	9.502	83	222582	50.061	ug/l	100
48) Methyl methacrylate	9.295	41	101344	51.939	ug/l	100
49) 1,4-Dioxane	9.301	88	31484	1098.117	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	609504	261.324	ug/l	100
52) Toluene	10.246	92	438724	49.694	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	250869	50.526	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	276355	50.494	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	139044	51.033	ug/l	100
56) Ethyl methacrylate	10.514	69	198226	52.345	ug/l	100
57) 1,3-Dichloropropane	10.795	76	235487	51.197	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	393710	243.176	ug/l	100
59) 2-Hexanone	10.837	43	433635	266.202	ug/l	100
60) Dibromochloromethane	10.990	129	176119	51.736	ug/l	100
61) 1,2-Dibromoethane	11.093	107	134097	51.152	ug/l	100
64) Tetrachloroethene	10.721	164	186769	47.502	ug/l	100
65) Chlorobenzene	11.520	112	483780	49.999	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	180109	50.054	ug/l	100
67) Ethyl Benzene	11.593	91	841501	49.627	ug/l	100
68) m/p-Xylenes	11.703	106	678622	100.034	ug/l	100
69) o-Xylene	12.032	106	323858	50.188	ug/l	100
70) Styrene	12.044	104	558100	51.031	ug/l	100
71) Bromoform	12.209	173	123423	51.885	ug/l #	100
73) Isopropylbenzene	12.331	105	836713	48.828	ug/l	100
74) N-amyl acetate	12.148	43	208158	51.265	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	159716	50.224	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	110877m	50.503	ug/l	
77) Bromobenzene	12.611	156	214840	49.695	ug/l	100
78) n-propylbenzene	12.672	91	981951	48.687	ug/l	100
79) 2-Chlorotoluene	12.758	91	556813	49.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	701203	49.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	61327	50.064	ug/l	100
82) 4-Chlorotoluene	12.855	91	575907	48.888	ug/l	100
83) tert-Butylbenzene	13.075	119	613835	48.301	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	705834	49.418	ug/l	100
85) sec-Butylbenzene	13.258	105	899128	48.420	ug/l	100
86) p-Isopropyltoluene	13.373	119	794008	49.246	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	422904	49.342	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	415304	49.022	ug/l	100
89) n-Butylbenzene	13.696	91	697671	48.820	ug/l	100
90) Hexachloroethane	13.959	117	138601	48.017	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	375971	49.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	29284	48.686	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	255922	49.241	ug/l	100
94) Hexachlorobutadiene	15.111	225	158623	48.863	ug/l	100
95) Naphthalene	15.239	128	525301	51.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	227421	49.532	ug/l	100

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

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