

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070821\
 Data File : VY005386.D
 Acq On : 08 Jul 2021 14:46
 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
 7/9/2021 5:44:40 PM

Quant Time: Jul 09 06:44:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 06:42:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	311617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	452233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	422077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	225398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	143548	55.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.020%	
35) Dibromofluoromethane	7.722	113	129249	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.420%	
50) Toluene-d8	10.185	98	545865	51.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.483	95	183845	51.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	99995	48.615	ug/l	100
3) Chloromethane	2.113	50	125988	46.112	ug/l	100
4) Vinyl Chloride	2.253	62	155351	49.621	ug/l	100
5) Bromomethane	2.650	94	106804	52.728	ug/l	100
6) Chloroethane	2.790	64	101868	49.338	ug/l	100
7) Trichlorofluoromethane	3.125	101	222191	52.550	ug/l	100
8) Diethyl Ether	3.534	74	79183	50.425	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	127769	50.015	ug/l	100
10) Methyl Iodide	4.094	142	158846	44.570	ug/l	100
11) Tert butyl alcohol	4.966	59	81097	163.826	ug/l	100
12) 1,1-Dichloroethene	3.875	96	129322	49.994	ug/l	100
13) Acrolein	3.735	56	67655	441.497	ug/l	100
14) Allyl chloride	4.485	41	195427	52.206	ug/l	100
15) Acrylonitrile	5.174	53	188636	258.627	ug/l	100
16) Acetone	3.954	43	161194	265.918	ug/l	100
17) Carbon Disulfide	4.198	76	373252	46.512	ug/l	100
18) Methyl Acetate	4.485	43	78700	49.225	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	377873	52.924	ug/l	100
20) Methylene Chloride	4.722	84	203360	46.506	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	146308	50.698	ug/l	100
22) Diisopropyl ether	6.131	45	409092	52.507	ug/l	100
23) Vinyl Acetate	6.070	43	1332846	264.865	ug/l	100
24) 1,1-Dichloroethane	6.027	63	247227	51.355	ug/l	100
25) 2-Butanone	6.996	43	233480	265.191	ug/l	100
26) 2,2-Dichloropropane	6.990	77	229254	54.024	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	170189	52.187	ug/l	100
28) Bromochloromethane	7.338	49	101564	53.149	ug/l	100
29) Tetrahydrofuran	7.356	42	153507	265.091	ug/l	100
30) Chloroform	7.508	83	264810	53.516	ug/l	100
31) Cyclohexane	7.789	56	228739	49.373	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	240030	54.336	ug/l	100
36) 1,1-Dichloropropene	7.923	75	201967	50.588	ug/l	100
37) Ethyl Acetate	7.088	43	102122	49.984	ug/l	100
38) Carbon Tetrachloride	7.905	117	225877	53.458	ug/l	100
39) Methylcyclohexane	9.185	83	259148	50.431	ug/l	100
40) Benzene	8.167	78	597480	50.733	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	49892m	45.277	ug/l	
42) 1,2-Dichloroethane	8.240	62	175204	53.972	ug/l	100
43) Isopropyl Acetate	8.277	43	190699	50.497	ug/l	100
44) Trichloroethene	8.941	130	168729	50.784	ug/l	100
45) 1,2-Dichloropropane	9.222	63	142384	50.565	ug/l	100
46) Dibromomethane	9.307	93	80611	49.424	ug/l	100
47) Bromodichloromethane	9.502	83	202603	52.416	ug/l	100
48) Methyl methacrylate	9.295	41	90463	53.892	ug/l	100
49) 1,4-Dioxane	9.301	88	26303	1187.089	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	529729	265.801	ug/l	100
52) Toluene	10.246	92	395283	52.228	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	225575	53.106	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	246477	51.850	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	122900	51.221	ug/l	100
56) Ethyl methacrylate	10.514	69	172652	53.114	ug/l	100
57) 1,3-Dichloropropane	10.794	76	210370	52.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	348772	245.960	ug/l	100
59) 2-Hexanone	10.837	43	377830	274.646	ug/l	100
60) Dibromochloromethane	10.990	129	152611	51.946	ug/l	100
61) 1,2-Dibromoethane	11.093	107	116203	50.120	ug/l	100
64) Tetrachloroethene	10.721	164	153087	49.398	ug/l	100
65) Chlorobenzene	11.520	112	435746	51.768	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	163022	52.120	ug/l	100
67) Ethyl Benzene	11.593	91	770455	52.911	ug/l	100
68) m/p-Xylenes	11.703	106	613117	105.292	ug/l	100
69) o-Xylene	12.032	106	293805	53.215	ug/l	100
70) Styrene	12.044	104	504255	54.171	ug/l	100
71) Bromoform	12.209	173	105249	50.044	ug/l #	100
73) Isopropylbenzene	12.331	105	771676	52.437	ug/l	100
74) N-amyl acetate	12.148	43	184997	53.068	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	143590	49.822	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	99497m	49.819	ug/l	
77) Bromobenzene	12.611	156	189366	49.082	ug/l	100
78) n-propylbenzene	12.672	91	914265	52.651	ug/l	100
79) 2-Chlorotoluene	12.758	91	510004	52.099	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	647083	53.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	53962	50.396	ug/l	100
82) 4-Chlorotoluene	12.855	91	528618	52.164	ug/l	100
83) tert-Butylbenzene	13.075	119	572313	52.910	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	646901	53.531	ug/l	100
85) sec-Butylbenzene	13.257	105	848108	53.585	ug/l	100
86) p-Isopropyltoluene	13.373	119	736458	53.865	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	379504	51.035	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	374334	50.932	ug/l	100
89) n-Butylbenzene	13.696	91	656743	54.488	ug/l	100
90) Hexachloroethane	13.965	117	130818	53.056	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	334832	50.843	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24942	51.523	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	223919	48.746	ug/l	100
94) Hexachlorobutadiene	15.117	225	143038	49.730	ug/l	100
95) Naphthalene	15.239	128	436302	51.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	194503	48.295	ug/l	100

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

