

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005068.D
 Acq On : 10 Jun 2021 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:06:30 PM

Quant Time: Jun 11 05:02:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	211784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108947	48.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.722	113	92451	50.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.185	98	399027	52.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.483	95	136516	52.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	103490	53.812	ug/l	98
3) Chloromethane	2.119	50	134065	51.054	ug/l	97
4) Vinyl Chloride	2.253	62	127688	50.543	ug/l	97
5) Bromomethane	2.656	94	67333	47.026	ug/l	93
6) Chloroethane	2.802	64	75234	49.788	ug/l	96
7) Trichlorofluoromethane	3.131	101	191152	53.495	ug/l	99
8) Diethyl Ether	3.540	74	70121	50.542	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	116432	53.423	ug/l	99
10) Methyl Iodide	4.101	142	113371	54.492	ug/l	98
11) Tert butyl alcohol	4.972	59	53354	207.214	ug/l	100
12) 1,1-Dichloroethene	3.881	96	112915	51.879	ug/l	97
13) Acrolein	3.735	56	55596	236.962	ug/l	97
14) Allyl chloride	4.485	41	193298	48.710	ug/l	97
15) Acrylonitrile	5.174	53	162343	248.839	ug/l	98
16) Acetone	3.960	43	111804	207.441	ug/l	96
17) Carbon Disulfide	4.198	76	335015	50.054	ug/l	99
18) Methyl Acetate	4.485	43	82392	47.704	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	286558	51.146	ug/l	94
20) Methylene Chloride	4.729	84	137781	53.537	ug/l	95
21) trans-1,2-Dichloroethene	5.229	96	125693	51.448	ug/l	98
22) Diisopropyl ether	6.125	45	373806	51.312	ug/l	99
23) Vinyl Acetate	6.070	43	1331393	251.196	ug/l	99
24) 1,1-Dichloroethane	6.027	63	226101	51.569	ug/l	99
25) 2-Butanone	6.996	43	205427	226.668	ug/l	96
26) 2,2-Dichloropropane	6.990	77	197321	53.247	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	139567	52.130	ug/l	99
28) Bromochloromethane	7.344	49	90247	46.076	ug/l	98
29) Tetrahydrofuran	7.356	42	139263	241.613	ug/l	98
30) Chloroform	7.515	83	222057	53.411	ug/l	99
31) Cyclohexane	7.789	56	191476	48.574	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	197052	54.031	ug/l	99
36) 1,1-Dichloropropene	7.923	75	179757	53.784	ug/l	100
37) Ethyl Acetate	7.082	43	102983	46.843	ug/l	98
38) Carbon Tetrachloride	7.905	117	168707	58.002	ug/l	99
39) Methylcyclohexane	9.185	83	199662	54.083	ug/l	98
40) Benzene	8.167	78	520387	54.417	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	57358m	47.458	ug/l	
42) 1,2-Dichloroethane	8.240	62	147069	53.271	ug/l	100
43) Isopropyl Acetate	8.277	43	191191	48.441	ug/l	97
44) Trichloroethene	8.941	130	138620	55.385	ug/l	96
45) 1,2-Dichloropropane	9.222	63	132120	52.789	ug/l	98
46) Dibromomethane	9.307	93	71762	53.687	ug/l	98
47) Bromodichloromethane	9.502	83	172811	55.067	ug/l	100
48) Methyl methacrylate	9.295	41	86071	47.929	ug/l	94
49) 1,4-Dioxane	9.307	88	15998	991.333	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	510866	246.903	ug/l	98
52) Toluene	10.246	92	321959	55.640	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	186978	53.832	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	215581	54.629	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	103772	55.855	ug/l	99
56) Ethyl methacrylate	10.514	69	143513	53.956	ug/l	96
57) 1,3-Dichloropropane	10.795	76	178900	54.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	317307	236.063	ug/l	97
59) 2-Hexanone	10.837	43	347993	248.827	ug/l	98
60) Dibromochloromethane	10.990	129	119940	56.757	ug/l	99
61) 1,2-Dibromoethane	11.093	107	97577	54.760	ug/l	100
64) Tetrachloroethene	10.721	164	147232	56.208	ug/l	98
65) Chlorobenzene	11.520	112	337401	54.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	121488	54.907	ug/l	98
67) Ethyl Benzene	11.593	91	626165	54.591	ug/l	99
68) m/p-Xylenes	11.703	106	469384	109.222	ug/l	100
69) o-Xylene	12.032	106	222447	55.585	ug/l	98
70) Styrene	12.044	104	378110	56.708	ug/l	99
71) Bromoform	12.209	173	72344	55.453	ug/l #	99
73) Isopropylbenzene	12.331	105	598383	53.921	ug/l	100
74) N-amyl acetate	12.148	43	171212	47.818	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	112219	50.374	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	82380m	51.155	ug/l	
77) Bromobenzene	12.611	156	135854	54.789	ug/l	96
78) n-propylbenzene	12.672	91	736308	55.045	ug/l	100
79) 2-Chlorotoluene	12.758	91	397652	53.326	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	503736	55.022	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	45708	52.162	ug/l #	76
82) 4-Chlorotoluene	12.855	91	411903	54.056	ug/l	99
83) tert-Butylbenzene	13.081	119	432234	55.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	503796	55.372	ug/l	100
85) sec-Butylbenzene	13.258	105	632497	56.100	ug/l	100
86) p-Isopropyltoluene	13.373	119	551140	56.987	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	256852	54.416	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	257077	54.608	ug/l	99
89) n-Butylbenzene	13.697	91	529319	56.903	ug/l	99
90) Hexachloroethane	13.965	117	82161	57.237	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	231788	55.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18468	50.069	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	147514	56.323	ug/l	100
94) Hexachlorobutadiene	15.117	225	81906	59.274	ug/l	99
95) Naphthalene	15.239	128	319711	55.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	129148	56.013	ug/l	98

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

