

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005293.D
 Acq On : 30 Jun 2021 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 06:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	282579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	362300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124293	53.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.000%	
35) Dibromofluoromethane	7.722	113	119093	51.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.185	98	494531	53.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.483	95	164644	53.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	79478	42.774	ug/l	99
3) Chloromethane	2.119	50	117453	47.462	ug/l	96
4) Vinyl Chloride	2.253	62	133740	47.268	ug/l	98
5) Bromomethane	2.656	94	82680	46.071	ug/l	98
6) Chloroethane	2.802	64	82803	44.753	ug/l	98
7) Trichlorofluoromethane	3.131	101	173428	45.850	ug/l	97
8) Diethyl Ether	3.534	74	61547	43.495	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	109253	47.179	ug/l	99
10) Methyl Iodide	4.101	142	137341	41.692	ug/l	99
11) Tert butyl alcohol	4.966	59	63137	209.056	ug/l	99
12) 1,1-Dichloroethene	3.875	96	105909	45.268	ug/l	95
13) Acrolein	3.735	56	31481	273.213	ug/l	92
14) Allyl chloride	4.485	41	168980	50.281	ug/l	97
15) Acrylonitrile	5.174	53	152225	231.585	ug/l	100
16) Acetone	3.954	43	154080	284.424	ug/l	98
17) Carbon Disulfide	4.198	76	336851	45.776	ug/l	100
18) Methyl Acetate	4.485	43	65027	45.167	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	285127	44.575	ug/l	98
20) Methylene Chloride	4.723	84	127779	43.515	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	120599	46.292	ug/l	98
22) Diisopropyl ether	6.131	45	352636	50.476	ug/l	96
23) Vinyl Acetate	6.070	43	1118179	247.330	ug/l	97
24) 1,1-Dichloroethane	6.027	63	209929	48.417	ug/l	99
25) 2-Butanone	6.990	43	196778	249.112	ug/l	95
26) 2,2-Dichloropropane	6.990	77	187788	49.666	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	132622	45.264	ug/l	94
28) Bromochloromethane	7.344	49	98003	56.492	ug/l	91
29) Tetrahydrofuran	7.356	42	120723	232.287	ug/l	94
30) Chloroform	7.515	83	208693	47.298	ug/l	99
31) Cyclohexane	7.789	56	200263	47.836	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	187518	47.650	ug/l	98
36) 1,1-Dichloropropene	7.923	75	169537	49.224	ug/l	98
37) Ethyl Acetate	7.082	43	83529	47.030	ug/l	99
38) Carbon Tetrachloride	7.905	117	176407	48.929	ug/l	99
39) Methylcyclohexane	9.185	83	216342	48.535	ug/l	97
40) Benzene	8.167	78	484112	47.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	48040m	48.770	ug/l	
42) 1,2-Dichloroethane	8.240	62	133438	48.373	ug/l	98
43) Isopropyl Acetate	8.277	43	155355	47.588	ug/l	98
44) Trichloroethene	8.941	130	135688	47.257	ug/l	99
45) 1,2-Dichloropropane	9.222	63	119886	49.333	ug/l	99
46) Dibromomethane	9.307	93	65211	46.142	ug/l	98
47) Bromodichloromethane	9.502	83	158726	47.898	ug/l	99
48) Methyl methacrylate	9.295	41	70205	49.019	ug/l	94
49) 1,4-Dioxane	9.301	88	16578	892.004	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	411800	240.999	ug/l	97
52) Toluene	10.246	92	311168	47.935	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	172200	47.471	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	197532	48.301	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	95096	46.076	ug/l	99
56) Ethyl methacrylate	10.514	69	129947	46.382	ug/l	93
57) 1,3-Dichloropropane	10.795	76	162584	47.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	306534	248.066	ug/l	97
59) 2-Hexanone	10.837	43	290581	247.253	ug/l	97
60) Dibromochloromethane	10.990	129	117863	46.619	ug/l	99
61) 1,2-Dibromoethane	11.093	107	91470	45.561	ug/l	99
64) Tetrachloroethene	10.721	164	123635	46.244	ug/l	98
65) Chlorobenzene	11.520	112	335541	46.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	124414	46.679	ug/l	100
67) Ethyl Benzene	11.593	91	596140	48.144	ug/l	100
68) m/p-Xylenes	11.703	106	477127	96.176	ug/l	99
69) o-Xylene	12.032	106	222618	47.389	ug/l	98
70) Styrene	12.044	104	379337	48.024	ug/l	99
71) Bromoform	12.209	173	82348	45.406	ug/l #	99
73) Isopropylbenzene	12.331	105	592787	48.497	ug/l	99
74) N-amyl acetate	12.148	43	140268	48.490	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	108906	45.217	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	75065m	44.912	ug/l	
77) Bromobenzene	12.611	156	149807	46.188	ug/l	97
78) n-propylbenzene	12.672	91	713455	49.501	ug/l	99
79) 2-Chlorotoluene	12.758	91	390727	48.057	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	492113	48.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	41187	45.977	ug/l	98
82) 4-Chlorotoluene	12.855	91	407676	48.466	ug/l	99
83) tert-Butylbenzene	13.081	119	438221	48.613	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	487360	48.751	ug/l	100
85) sec-Butylbenzene	13.258	105	649244	49.504	ug/l	100
86) p-Isopropyltoluene	13.373	119	557102	49.233	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	294060	47.488	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	287579	46.963	ug/l	99
89) n-Butylbenzene	13.697	91	504523	50.755	ug/l	99
90) Hexachloroethane	13.965	117	101907	49.854	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	257101	46.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18127	45.184	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	175931	45.472	ug/l	99
94) Hexachlorobutadiene	15.117	225	117450	48.505	ug/l	99
95) Naphthalene	15.239	128	310224	43.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	154795	45.429	ug/l	99

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

