

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002872.D
 Acq On : 10 Jun 2020 10:08
 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: Jun 11 02:10:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	214817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	131114	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.72	113	133408	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	10.18	98	520462	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	182360	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	89543	44.492	ug/l	96
3) Chloromethane	2.12	50	98289	44.153	ug/l	98
4) Vinyl Chloride	2.26	62	112238	47.702	ug/l	100
5) Bromomethane	2.65	94	77652	44.039	ug/l	98
6) Chloroethane	2.80	64	70266	46.067	ug/l	94
7) Trichlorofluoromethane	3.13	101	194477	46.668	ug/l	99
8) Diethyl Ether	3.54	74	72195	44.369	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	119515	48.304	ug/l	97
10) Methyl Iodide	4.10	142	159942	46.198	ug/l	99
11) Tert butyl alcohol	4.97	59	63317	230.998	ug/l	100
12) 1,1-Dichloroethene	3.88	96	117304	47.143	ug/l	98
13) Acrolein	3.74	56	62868	211.241	ug/l	99
14) Allyl chloride	4.49	41	169161	47.401	ug/l	99
15) Acrylonitrile	5.18	53	180322	245.646	ug/l	99
16) Acetone	3.96	43	172084	288.971	ug/l	98
17) Carbon Disulfide	4.20	76	321732	42.789	ug/l	99
18) Methyl Acetate	4.49	43	74364	49.762	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	330938	48.177	ug/l	100
20) Methylene Chloride	4.72	84	134252	46.131	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	129873	46.412	ug/l	97
22) Diisopropyl ether	6.12	45	357383	48.191	ug/l	93
23) Vinyl Acetate	6.07	43	1213326	247.809	ug/l	99
24) 1,1-Dichloroethane	6.02	63	208158	47.983	ug/l	100
25) 2-Butanone	6.99	43	237668	256.163	ug/l	99
26) 2,2-Dichloropropane	6.99	77	198794	47.780	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	147146	46.973	ug/l	98
28) Bromochloromethane	7.34	49	85859	48.212	ug/l	99
29) Tetrahydrofuran	7.35	42	144765	239.877	ug/l	99
30) Chloroform	7.51	83	225798	49.050	ug/l	94
31) Cyclohexane	7.78	56	187415	43.512	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	207311	48.328	ug/l	99
36) 1,1-Dichloropropene	7.92	75	173267	48.203	ug/l	100
37) Ethyl Acetate	7.08	43	97213	49.707	ug/l	99
38) Carbon Tetrachloride	7.91	117	195734	49.017	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	219355	46.297	ug/l	98
40) Benzene	8.16	78	510065	48.024	ug/l	98
41) Methacrylonitrile	7.33	41	62696m	59.673	ug/l	
42) 1,2-Dichloroethane	8.24	62	144624	48.587	ug/l	99
43) Isopropyl Acetate	8.28	43	182051	49.122	ug/l	100
44) Trichloroethene	8.94	130	159296	47.481	ug/l	99
45) 1,2-Dichloropropane	9.22	63	123450	48.467	ug/l	99
46) Dibromomethane	9.31	93	73348	48.489	ug/l	99
47) Bromodichloromethane	9.50	83	178163	49.961	ug/l	98
48) Methyl methacrylate	9.30	41	83805	50.092	ug/l	97
49) 1,4-Dioxane	9.30	88	21529	926.913	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	502362	255.986	ug/l	99
52) Toluene	10.24	92	336663	48.454	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	193417	49.657	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	218639	49.538	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	112411	48.540	ug/l	95
56) Ethyl methacrylate	10.51	69	154952	49.954	ug/l	99
57) 1,3-Dichloropropane	10.79	76	187276	49.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	400883	264.494	ug/l	100
59) 2-Hexanone	10.83	43	358534	257.491	ug/l	100
60) Dibromochloromethane	10.99	129	147802	50.340	ug/l	100
61) 1,2-Dibromoethane	11.09	107	110814	48.508	ug/l	99
64) Tetrachloroethene	10.72	164	163484	45.887	ug/l	99
65) Chlorobenzene	11.52	112	377584	48.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	147609	50.585	ug/l	99
67) Ethyl Benzene	11.60	91	659561	49.103	ug/l	99
68) m/p-Xylenes	11.70	106	516692	99.214	ug/l	99
69) o-Xylene	12.03	106	241915	49.206	ug/l	99
70) Styrene	12.05	104	426524	50.045	ug/l	100
71) Bromoform	12.21	173	99722	51.073	ug/l #	29
73) Isopropylbenzene	12.33	105	667599	48.495	ug/l	100
74) N-amyl acetate	12.14	43	175826	49.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125492	51.955	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	99265m	51.283	ug/l	
77) Bromobenzene	12.61	156	170956	47.692	ug/l	99
78) n-propylbenzene	12.67	91	778292	48.944	ug/l	100
79) 2-Chlorotoluene	12.75	91	433099	48.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	566403	49.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51588	50.212	ug/l	98
82) 4-Chlorotoluene	12.86	91	452925	48.464	ug/l	100
83) tert-Butylbenzene	13.08	119	498177	48.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	565771	48.952	ug/l	100
85) sec-Butylbenzene	13.25	105	685820	48.921	ug/l	100
86) p-Isopropyltoluene	13.37	119	643078	49.298	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	329543	48.534	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	329384	48.495	ug/l	99
89) n-Butylbenzene	13.70	91	580587	49.023	ug/l	100
90) Hexachloroethane	13.96	117	121113	49.594	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	298589	48.490	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23697	50.994	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.01	180	223055	48.058	ug/l	99
94) Hexachlorobutadiene	15.11	225	128237	48.713	ug/l	100
95) Naphthalene	15.24	128	447927	48.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	195703	47.217	ug/l	100

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

